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DEPARTMENT OF THE INTERIOR
WEATHER BUREAU

ANNUAL REPORT

OF THE

DIRECTOR OF THE WEATHER BUREAU

FOR THE YEAR 1909

PART I

ADMINISTRATIVE REPORT FOR THE FISCAL YEAR 1909

PART II

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY DURING THE CALENDAR YEAR 1909

MANILA
BUREAU OF PRINTING
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PART II.

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY DURING THE CALENDAR YEAR 1909.

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PART I.

ADMINISTRATIVE REPORT FOR THE FISCAL YEAR 1909.

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR, WEATHER BUREAU,
Manila, July 31, 1909.

SIR: I have the honor of submitting my annual report as Director of the Weather Bureau for the fiscal year July 1, 1908, to June 30, 1909. As will be seen, the same follows closely the order observed in previous documents of the same nature, except that a new heading has been adopted for the closing chapter. I am happy to say that the appropriation bill for the fiscal year 1910 will enable this Bureau to overcome the difficulties experienced hitherto regarding the inspection of stations and the supplying of places of first- and second-class observers absent on leave. Hence, these will not be mentioned again.

Very respectfully,

JOSÉ ALGUÉ, *Director.*

Hon. DEAN C. WORCESTER,
Secretary of the Interior, Manila, P. I.

ADMINISTRATIVE REPORT OF THE DIRECTOR OF THE WEATHER BUREAU FOR THE YEAR 1909.

I. MANILA CENTRAL OBSERVATORY.

1. DEPARTMENTS OF THE CENTRAL OBSERVATORY.

(a) THE METEOROLOGICAL DEPARTMENT.

Employees and hours.—During the past fiscal year there has been no change in the number of employees occupied in the meteorological department as far as authorized positions are concerned. Owing, however, to the arrangement for the training of aspirants which has been reported last year, there were some slight fluctuations in the number of men actually working. As to the work, it is clear that it had to be the same as in past years.

The necessary authorization having been obtained, the office hours of the Weather Bureau have been changed from those fixed by Executive Order No. 30, series of 1907, to the following: 7.30 a. m. to 12.30 p. m. and 2.30 to 4.30 p. m. The reason is this: With the exception of the five members of the staff, the whole personnel of the Central Office consists of Filipinos. These are accustomed to take the principal meal at about noon and to have a long pause before commencing the afternoon's work. Any interference with this habit lessens their efficiency; at least this is the experience of the Weather Bureau. As the employees desired the change in hours, the same has been made with mutual satisfaction. This does not imply that the Office is closed between 12.30 and 2.30, since from 6 a. m. to 7 p. m. there is always—even on Sundays and legal holidays—at least one employee on duty. Should anything turn up which requires the intervention of an officer, these are always near at hand, as they live in the same compound.

During the fiscal year just ended, the employees of the Central Office have worked 1,516 hours of overtime.

The number of instruments compared and adjusted for outsiders is as follows: Aneroid barometers, 142; mercurial barometers, 5; barographs, 3 ; total, 150. In comparison with the preceding year, this is a falling off of 83.

Rev. George M. Zwack, secretary of the Weather Bureau, finally saw himself forced by poor health to leave the Islands for an extended vacation in the United States, from which he returned *via* Europe in May, 1909. A combination of circumstances prevented his achieving as much good for the Weather Bureau as he had intended. The only two important centers which he could visit were the United States Weather Bureau at Washington and the Imperial Central Station for Earthquake Investigation at Strassburg, Germany.

Spreading of information within the Archipelago.—The great inconvenience caused by the fact that the telegraph operator of the Weather Bureau was present only during office hours and was entitled to leave of absence—as mentioned in two previous reports—has finally been eliminated. In accordance with the provisions of Act No. 1698, section 18, two operators, each with an entrance salary of ₱50 per month, have been appointed in lieu of one observer-telegrapher with an annual compensation of ₱1,800, thus incidentally saving ₱50 per month until the time when the new appointees will have to receive an increase in salary. Naturally enough, the young men have not the meteorological experience of the former incumbent, who usually detected at once any error in the figures and would ask to have them verified; but they will improve with time, and even now their services are quite satisfactory. The new arrangement went into effect on November 1, 1908.

An improvement of the utmost importance is due to the generous coöperation of the Director of Posts. Whenever dangerous weather conditions demand it, the Weather Bureau has been authorized to request that as many telegraph offices as may be necessary for the proper warning of the threatened provinces be kept open as long as the danger lasts. That the Weather Bureau is not disposed to abuse this privilege may be gathered from the fact that, the stormy character of the last months of 1908 notwithstanding, it has thus far been used only once. On September 5 it was judged necessary that five stations be kept open until 10 p. m. This action of the postal authorities will be fully appreciated by all those who realize what lack of communication may mean during a severe typhoon.

Provided that all the Insular telegraph and cable lines are in working order, the Observatory receives daily telegraphic reports from, and sends the daily weather note to, 35 stations. Typhoon warnings are wired to those stations to which they are deemed useful. Aside from the meteorological stations, weather notes and storm warnings are sent likewise to the port of Manila (Surveyor of Customs), the naval stations at Cavite and Olongapo, and the quarantine station at Mariveles. To these addresses have been added during the year, at the request of the respective parties, the Bureau of Navigation and (since June 18, 1909) Fort Mills on Corregidor Island.

Unfortunately several stations in the south of the Archipelago have been cut off repeatedly from telegraphic communication with Manila. Conditions have been especially bad as regards Surigao, Zamboanga, and Jolo. Surigao sent its last dispatch on November 30, 1908, while not a single one passed between the two last-named places and Manila during the entire fiscal year 1909.

Foreign cable correspondence.—The foreign cable correspondence of the Weather Bureau has been substantially the same as described in last year's report. An 8 a. m. observation has been cabled daily to the United States Weather Bureau *via* San Francisco, the expenses being borne by the recipient. The Eastern Extension, Australasia and China Telegraph Company and the Great Northern Telegraph Company have continued their inestimable services to the public as in former years, with the one, not very important modification that after the last International Cable Conference only the usual cablegrams are transmitted free of charge. These include the daily weather reports and eventual typhoon warnings between the various meteorological centers as customary hitherto. Thus, for instance, when Hongkong Observatory requested additional reports from Aparri or some other station to be sent during typhoons, it made arrangements with the cable company to have them forwarded "collect." The only difference which the new regulation has thus far made as concerns the Weather Bureau is this, that now we have to pay for the reports of our stations at Iloilo and Cebu whenever—owing to breaks in the Government's cables—these are transmitted *via* commercial cable.

The special telegraph line connecting the Observatory with the office of the Eastern Extension Cable Company which was mentioned last year, has been established and is in use since August 28, 1908. The Bureau of Posts constructed the line at a cost of ₱264.79, while the two Morse writing machines and accessories cost an additional ₱475.81, making a total of ₱740.60. The acquisition of the Morse machines was made necessary by the fact that several of our employees have been telegraph operators during

Spanish times, but are not used to receiving by sound. In view of the great convenience and dispatch which this line offers over the old method of calling for the dispatches by messenger, the somewhat heavy cost is by no means regretted.

During the period covered by this report 91 typhoon warnings have been sent each to Tokyo, Zikawei, Taihoku, Hongkong, and Phulien, as against 41 during the preceding year. It is not surprising that their number is always greater during the first half of the fiscal year than during the second, since the former includes the "typhoon season;" but this year's record of only 7 warnings during the period January to June, 1909, and 84 during July—December, 1908, is surprising. The former months have been as tranquil as the latter have been stormy.

(*b*) THE ASTRONOMICAL DEPARTMENT.

The time service.—The astronomical department carried on the work entailed by the daily telegraphic time service. For this purpose a large number of star transits have been observed in order to determine therefrom the error and rate of the various clocks; and the constants of the transit instrument have been verified repeatedly.

The Bureau of Navigation having erected a high steel mast on Engineer Island and installed a time ball, the latter is daily dropped at 12 noon by electric transmission, in addition to the one on the tower of the Observatory. The same mast serves likewise for the display of an additional set of typhoon signals.

The number of chronometers rated is 24, the same as during the preceding year. It appears to be not generally known among shipmasters that this service is performed gratuitously, as otherwise probably more would avail themselves of the opportunity.

As in former years, the correct time of the one hundred and twentieth meridian has repeatedly been requested by ships at Guam and sent them *via* the cable of the Commercial Pacific Cable Company.

The attempt to determine the geographical coördinates of Mirador Observatory will be mentioned in Chapter V.

Astronomical data.—Various astronomical data requested by Army officers for topographical work and other purposes have been computed and furnished to them.

(*c*) THE SEISMIC DEPARTMENT.

Philippine earthquakes.—During the period under consideration, 130 earthquakes have been felt in the various regions of the Archipelago, as against 153 in the last, and 126 in the last but one fiscal year. Of these 130 perceptible disturbances 43 occurred in Luzon, 25 in the Visayas, and 62 in Mindanao and Jolo. Only 8 slight shocks have been felt in Manila, most of these on October 20 and 21, 1908. This number exceeds that for the preceding year by 2. The strongest earthquake of the year was the one which shook eastern Mindanao on March 18, 1909.

The fact that out of a total of 130 earthquakes perceptible in the Archipelago the microseismographs at Manila registered only 48—of which 23 had their epicenters on Luzon and 25 in the Visayas—shows that the majority of this year's disturbances had their foci at shallow depths, wherefore the seismic waves failed to reach great distances from the centers of origin.

Microseismic movements.—Aside of the 48 earthquakes mentioned in the preceding paragraph, the instruments of Manila Observatory registered 94 disturbances which had their origin within the Archipelago, especially on Luzon Island, or in the adjacent seas, but, as far as we know, have not been perceptible anywhere.

Far distant earthquakes.—In addition to the perturbations spoken of, the microseismographs gave indications of 88 far distant earthquakes. Many of these baffled all attempts at identification and appear to have been of submarine origin. The difficulty is especially great regarding the frequent shocks occurring in the Indian and Pacific Oceans. With a view of solving the mystery we have asked for and obtained monthly reports on microseismic movements from Australia, Japan, and Java.

The more important of the far-distant earthquakes which during this year have been registered at Manila and could be identified are the following:

1908.—July 1, Formosa; September 21, District of Puna, Hawaii; December 28, Messina disaster.

1909.—January 23, Luristan, Persia; February 2, Celebes Group; February 3, Sumatra; February 15, Bulgaria; February 22, Siwas, Asia Minor; March 13, Japan; March 17 and 18, Celebes Group; March 23, Japan; April 15, Formosa; April 27, New Guinea; June 4, Sumatra.

Foreign correspondence.—The seismograms of the Messina earthquake traced by the Manila instruments have been reproduced by photography and copies furnished to the central seismic stations of Germany, Italy, and Japan. Other information on the same phenomenon has been forwarded to those who asked for same.

A provisional seismological bulletin has been sent to 33 addresses of seismologists every month, whenever possible, before the 15th of the following. As already stated, the Weather Bureau is now receiving similar information from Australia, Japan, and Java.

Earthquake Catalogue and notes.—In the numbers of the Monthly Bulletin corresponding to the year 1908, Rev. Miguel Saderra Masó, Assistant Director of the Weather Bureau, has published a Catalogue of Philippine Earthquakes, covering the last fifty years. The Bulletin for 1909 will contain special studies on the seismicity of the various regions of the Archipelago.

New seismograph.—A horizontal-pendulum seismograph has been mounted at Baguio, and experiments looking toward improvements in our seismic apparatus are still in progress.

(*d*) THE MECHANICS' SHOP.

As usual, the time of the mechanics has been consumed almost entirely by the work necessary to keep the instruments of the Central Observatory and the secondary stations in good order. Nobody who is familiar with the destructive action of the elements in the Tropics and the large instrumental equipment of the Weather Bureau will find this a matter of surprise. They have, however, constructed a horizontal-pendulum microseismograph for the recording of both Insular and far distant earthquakes. Mounted in Mirador Observatory, Baguio, since January, 1909, it has already produced some excellent seismograms. The mechanics have likewise mounted the instruments of the said observatory. Any time left over from more urgent work has been devoted to experiments with various devices for the improvement of existing seismographs and to work on the registering rain gauges mentioned in last year's report. One of these has been finished and forms part of the equipment of Mirador Observatory. A few surveyor's compasses, sextants, and theodolites have been adjusted.

2. PUBLICATIONS.

(*a*) ORDINARY PUBLICATIONS.

The ordinary publications of the Weather Bureau comprise the Monthly Bulletin and the Annual Report.

The Monthly Bulletin.—The Monthly Bulletin continues to appear behind time, despite the determined efforts to the contrary. A slight gain has, however, been made. On July 1, 1909, the Bulletin for October of the preceding year was printed, but had not yet been received by the Weather Bureau, and that for November was being printed—just about as matters stood on July 1, 1908, respectively—but this year the Bulletin for January, 1909, was ready for distribution and the manuscript for February nearly ready for the printer. The reason for this inversion lies in the great number of typhoons which distinguished the last months of 1908 and made it desirable to gather as many data as possible. As the demand for such Bulletins as contain descriptions of especially severe or otherwise interesting typhoons is usually very large, reprints have been made of the corresponding parts of the Bulletins for May, July, September, and October, and will be made of that for December, 1908.

The Annual Report.—The publication of the Annual Report is less satisfactory. The first parts of the reports for 1906 and 1907 have indeed been printed and distributed, but of the second part for 1906 only one-half of the manuscript, containing the observations of the secondary stations during January to June, 1906, is almost ready for the press.

(*b*) SPECIAL PUBLICATIONS.

Instructions for observers.—The work of Rev. Saderra Masó, spoken of last year as in preparation, has been printed at the expense of Manila Observatory. It is a handsome pamphlet of 86 pages in small quarto, with 6 plates (4 containing numerous figures), 3 half-tone engravings, and 3 cuts. The title is: "Instrucciones Practicas y Breves Nociones de Meteorología para los Observadores del Weather Bureau" (Manila, Santos y Bernal, 1908). One copy has been presented to each of the secondary stations, and they will be kept supplied with the book in future, but otherwise there is no free distribution of this publication.

Publication of old observations.—This work, likewise mentioned last year, is progressing slowly, as there is plenty to do in the Office which cannot be neglected on account of this undertaking. During the year have been printed the Bulletins for December, 1875; February to August and October to December, 1877; March to December, 1884; and January, 1886.

II. SECONDARY STATIONS.

1. CHANGES IN STATIONS.

Though fewer than during the preceding year, still there have been several changes in the stations of the Weather Bureau. The duty of reporting on the state of the crops being no longer incumbent on the meteorological service, and the best possible safeguarding of the shipping within the Archipelago and far beyond its boundaries being by far the most important task of the Weather Bureau, it is sought to conform the distribution of the secondary stations more and more to the requirements of this purpose. Hence, the third-class station at Bacolod and the rain station at Balanga have been suppressed, and the third-class station at Dapitan, not having telegraphic communication and no hope of obtaining such for some time to come, has been reduced to rain sation. To give it up entirely did not seem advisable, since the observations are valuable for the subsequent study of typhoons. On the other hand, the third-class station at Nueva Caceres, closed in 1907 for lack of a competent observer, has been reëstablished at the request of the people, but with the understanding that it would be transferred to Daet, within the same province, as soon as the latter place will offer sufficiently reliable means of communication by wire. Daet is of undoubted importance for storm-warning purposes, but lacking telegraphic connection with Manila, had been given up in 1904.

The absence of reliable communication had likewise been one of the reasons for reducing the second-class station at Bolinao to third class (1906). The point being of amply sufficient importance to warrant the existence of a second-class station, the Bureau accepted the offer of one of its employees, a native of the place, to go there as third-class observer with a reduction of ₱20 per month in salary, on condition that, in case he succeeded in obtaining better facilities for communication, the station would again be raised to second class and he given the appointment, which would give him his former salary with the advantage of living in his native town. He was successful and, hence, Bolinao is again a second-class station.

The rain station at Cuyo has not been suppressed, but is without observer since January 14, 1909. The former observer resigned and it has been impossible to find another on the small island. It is, of course, entirely out of question to induce a man to go from here to Cuyo on a salary of ₱15 per month. Although only a rain station, Cuyo reported daily twice by wire. As the point is altogether too important to be abandoned, there is no alternative but to raise it to third class. It is believed that with the offer of ₱30 per month we can prevail upon an observer to take the position.

2. OFFICIAL STATIONS ON JUNE 30, 1909.

Owing to the changes reported in the preceding paragraph, the number of secondary stations in operation on June 30, 1909, has been only 49, instead of 52 on the same date of 1908. The number of second-class stations has been increased by one, but that of the third-class stations diminished by 3, while one rain station is without observer. There were, consequently, in operation 7 first class, 10 second class, 23 third class, and 9 rain stations.

The first class stations were (from south to north): Cebu, Iloilo, Ormoc, Albay-Legaspi, Atimonan, Dagupan, and Aparri.

The second class stations: Tagbilaran, Surigao, Tacloban, Capiz, Calbayog, Olongapo, San Isidro, Bolinao, Vigan, and Tuguegarao.

Third class stations: Jolo, Zamboanga, Davao, Cotabato, Cagayan de Misamis, Butuan, Maasin, San Jose Buenavista, Tuburan, Romblon, Laoang, Gubat, Sumay (Guam), Calapan, Virac, Nueva Caceres, Batangas, Tarlac, Baguio, San Fernando (Union), Echague, Laoag, and Santo Domingo.

Rain stations: Isabela de Basilan, Dapitan, Yap (Western Carolines), Borongan, Masbate, Silang, San Antonio (Laguna), Baler, and Candon.

3. VOLUNTEER STATIONS.

Dr. G. J. Cullen, district health officer of Samar, continues his good work in charge of the station at Catbalogan as far as his official duties permit. When he is absent, Mrs. Cullen makes the observations and sends the telegraphic reports to Manila. The United States Army post at Parang, the Iwahig penal settlement, and Rev. Manuel Valles, S. J., chaplain of the leper colony on Culion Island, send their observations regularly, but the United States Army post at Malabang has not been heard from since October, 1908, the observer at Haight's in the Oaks, Benguet, since August, 1908, and the Jesuit missionaries at Baganga, Mindanao, since the beginning of 1908. The instruments in the hands of these parties will be recalled in the near future.

As regards the volunteer station at Dumaguete, a new attempt has resulted in a new failure. A Spanish gentleman offered to take over the equipment and make observations. He was authorized to possess himself of the instruments—which was the last he did. As a station at Dumaguete is more important than one at Bacolod, on the same island, the closing of the latter was in part due to the desire of establishing one at Dumaguete.

During the year instruments for observing temperature and rainfall have been furnished to Fort Wint, Grande Island, and to a medical officer at Infanta, Tayabas; also to the Constabulary at Bongao, the most southern of the Philippine Islands. Thus far the observations have been received very regularly.

III. PERSONNEL OF THE WEATHER BUREAU.

1. TRAINING OF APPLICANTS.

The arrangement described in last year's report, by which the salary of two positions of ₱600 per annum each are utilized for the payment of four temporary employees (at ₱25 per month each) who, while working in the Office, are preparing for observers' examinations, has given entire satisfaction. It is very annoying to have to present these candidates for examination in groups of 2 to 3. So much the more do we appreciate the unvarying kindness of the Bureau of Civil Service, which never has made the slightest difficulty in the matter. Of the young men hitherto presented, seven have passed first-class, and one second-class observer's examination.

Whenever in any way possible, it has been the practice of the Weather Bureau, introduced during last year, that applicants for positions of third-class observers come to the Central Observatory (of course, at their own expense) for a short course of instruction and practice. Experience has proved that few do well without such training. Ten third-class and one rain observer have passed through such periods of apprenticeship.

The instructions written by Rev. M. Saderra Masó, which have already been mentioned, are of great assistance in preparing aspirants for positions.

2. PENALTIES IMPOSED.

Aside from dismissal on account of continued unsatisfactory service, which has been inflicted in two cases, the Bureau has seen itself obliged to resort to pecuniary penalties in order to make observers more careful in the performance of their duties. Thus for isolated but serious blunders resulting from neglect, the following fines have been imposed: one third-class observer, one month's salary (₱30); one second-class observer, 50 per cent (₱25); another 40 per cent (₱20); and one third-class observer, 33 per cent (₱10) of their respective monthly stipends. The facts, but not the names of the guilty parties, have been brought to the knowledge of all observers, and it is hoped that this will have a salutary effect on all those whose sense of duty is stimulated more efficaciously *via* their digestive organs than *via* their conscience.

3. CHANGES IN THE PERSONNEL.

Separations.—The separations from the meteorological service have been less numerous than during the preceding year, amounting to only 12, as against 21 during the fiscal year 1908. Moreover, three of these were for a cause over which neither the employee nor the Bureau has any control, *viz.*, to death. During the typhoon of October 8, 1908, the rain observer at Baler, Angel Barcenas, was drowned; Felipe Quecquegan, assistant at Aparri, died October 16, apparently of cholera; and finally, Pio Santos, second-class observer at Calbayog, a highly valued employee with many years of service, saw himself forced to resign on February 28, dying of consumption on May 16, 1909.

The remaining nine separations have been due to the following causes: one second-class observer, one assistant calculator (₱300), two third-class observers, and one rain observer resigned; one mechanic and one third-class observer have been discharged, their employment having been temporary from the beginning; while one assistant calculator (₱300) and one third-class observer have been dismissed, the former having been found unfit for permanent appointment, and the latter having grown too negligent to be tolerated any longer.

Promotions.—After successfully passing the required examinations, two assistant calculators at ₱300 have been appointed permanently with the full salary of ₱600 corresponding to their positions. The first assistant mechanic (₱1,200) has been promoted to the position of chief mechanic (₱1,440), vacant since the death of Mr. Cesario Ubaldo. In the meanwhile two mechanics had been paid out of the salary of the position, the purpose being to find men for permanent appointment. Two second-class stations have been provided with observers by the promotion of third-class observers. One of these was qualified by examinations, the other had merited the promotion by length and excellent quality of services. One rain observer had been called to the Central Observatory as assistant calculator at ₱300, but a strange combination of circumstances forced him to resign shortly afterwards.

Reductions.—One observer-telegrapher (₱1,800) has been reduced to the position of chief observer (₱1,200). It was by no means pleasant to have to reduce a faithful employee of many years' service; but the interests of the Bureau demanded a change in the telegraph office, and all positions with salaries of ₱1,800 were held by men of equal merits. Mr. Baltasar was offered the position of chief observer in charge of Mirador Observatory, Baguio, with an annual salary of ₱1,440, but preferred to return to Ormoc, his former station, which was made vacant by transferring the incumbent to Iloilo, the chief observer of which latter station has been selected for Baguio. One assistant calculator (₱600) has been reduced temporarily to third-class observer at his own request, as already explained. Likewise in compliance with his desires, one third-class observer has been called to the Central Observatory as assistant calculator at ₱300 which means a reduction in salary of ₱5 per month. One third-class observer has been reduced to rain observer, the station in his town having suffered the corresponding reduction in class.

Appointments.—The vacancies created by the changes mentioned have been filled in part by the following appointments: Two telegraph operators, at ₱50 per month each; three assistant calculators, at ₱25 per month each; two third-class observers, at an annual salary of ₱360 each; one assistant, at ₱200 per year; one mechanic, at ₱60, and another at ₱25 per month.

Reinstatements.—Three positions have been filled by reinstatement. Two third-class observers have been readmitted to the same position, but a second-class observer who had resigned in the vain hope of obtaining a better position, had to be content to get back as third-class observer, no second-class station being vacant at the time.

IV. FINANCIAL STATEMENT.

The following statement shows the financial status of the Weather Bureau for the fiscal year 1909.

1. FUNDS AVAILABLE.

Retained balance of fiscal year 1908	₱1,077.49
Appropriation for fiscal year 1909, Act No. 1873	123,500.00
Total	124,577.49

2. EXPENDITURES.

(*a*) Disbursements:		
Salaries and wages	₱72,940.38	
Contingent expenses	28,232.07	
		₱101,172.45
(*b*) Inter-Bureau transactions		17,054.29
Total		118,226.74

3. BALANCE.

Funds available	₱124,577.49
Total expenditures	118,226.74
Balance on hand	6,350,75
Receipts	53.08
	6,403.83
Unpaid liabilities	800.80
Net balance	5,603.03

4. PRINCIPAL ITEMS OF EXPENDITURES.

Salaries and wages	₱72,940.38
Telegrams and cablegrams	16,308.29
Printing and binding	11,942.83
Rent of offices and instruments	9,000.00
Instruments, furniture and supplies	4,797.51
Postage on correspondence and publications	1,389.72
Transportation of persons and freight, per diems	1,150.12
Installations and repairs, secondary stations	518.88
Miscellaneous expenses	179.01
Total	118,226.74

The fact that the "Miscellaneous expenses" which include the rent of telephones in Manila and Cebu, the cost of electric current, etc., appear so small, is explained by the difference in the amounts of postage stamps on hand at the close of the fiscal years 1908 and 1909, respectively, which was greater by ₱584.40 on July 1, 1908. Hence the real amount of miscellaneous expenses was ₱763.41.

The total expenditure of ₱118,226.74 with only about ₱800 of outstanding liabilities seems to compare favorably with the corresponding items for the preceding fiscal year, to wit: ₱122,091.01 paid, with unpaid debts requiring the entire balance to cover. But this must not mislead. There has indeed been a real saving in telegraph expenses, owing largely to the fact that several stations were cut off from communication; but the reduction of ₱5,250.88 in the bill for printing and binding is in part merely a shifting of the burden to some future fiscal period, since the reports will have to be printed some time or other.

V. MISCELLANEA.

1. NO STANDARD NORMAL BAROMETER.

Our plan regarding the acquisition by the Observatory of a standard normal barometer has been announced prematurely when I spoke of it in last year's report: we are as far from the realization of the idea as we have been a year ago. In the first place, our determination to get a cheaper instrument than planned originally, although based on the opinion of so eminent an authority as Professor Marvin, of the United States Weather Bureau, has again been shaken. Then there were other circumstances. Finally, it is just possible that the heavy absorption of energy and money by the construction of the building on Mount Mirador has likewise been a factor which worked against this and other costly improvements being made during the past fiscal year.

2. NEGOTIATIONS ABOUT WIRELESS APPARATUS FOR MIRADOR OBSERVATORY.

In the closing paragraph of last year's report I said:

> "Mount Mirador would be a very convenient site for a wireless station from which to distribute typhoon warnings over the China Sea. But until Baguio is provided with an electric power plant, the cost will be prohibitive."

As this day is probably far off, I addressed a letter to the Honorable, the Secretary of the Interior, on September 19, 1908, suggesting that the Signal Corps, United States Army, be asked to make an estimate of the cost of a complete plant for wireless telegraphy capable of communicating under all atmospheric conditions up to a distance of 1,200 kilometers (650 nautical miles); likewise to inquire whether the necessary electrical apparatus could be constructed in the shops of the Signal Corps. The Observatory was willing to pay for the power plant and dynamo, the Insular Government to supply the rest of the equipment. The letter was returned to the Bureau on February 3, 1909, with the information that the contemplated installation would cost $15,200, exclusive of building, of which sum $3,500 would represent the cost of the power plant; moreover, that the Signal Corps could not undertake the construction of the apparatus.

In view of the heavy expense involved, it would be very desirable that some preliminary experiments be made at Baguio to learn whether special conditions prevail, which would prevent communication in all directions. While the Insular Government would lose nothing if the scheme failed on account of such peculiarities of the place, since the apparatus could be used in other parts of the Islands, Manila Observatory would have practically thrown away the greater part of ₱7,000, which it can ill afford to do.

3. THE VISIT OF THE DIRECTOR OF HONGKONG OBSERVATORY.

At the suggestion of His Excellency, Governor Lugard of Hongkong, Mr. F. G. Figg, director of Hongkong Observatory, paid a visit to the Weather Bureau in the beginning of the present year. The avowed purpose was to compare methods and equipments and to dispel the persevering impression that there is lack of cordial coöperation between Hongkong and Manila. As far as this Bureau is concerned, it has never had any cause for complaint against the present director of Hongkong Observatory. Nevertheless it is believed that the visit will be productive of some good, as it is a well-known experience that scientists are far less likely to have professional misunderstandings if they are acquainted personally and their relations are friendly. Mr. Figg stayed in Manila February 19 to 23, and it is hoped that his recollections of the visit are as pleasant as those harbored at Manila Observatory.

4. THE HONGKONG GOVERNMENT AND TELEGRAPHIC COMMUNICATION WITH SANTO DOMINGO, BATANES ISLANDS.

In the morning of July 27, 1908, there was a typhoon in the China Sea southeast of Hongkong and moving in the direction west by north. During the afternoon the storm assumed a more northerly course, the latter being northwest by west in the evening. The cyclonic center passed within 10 miles to the south of Hongkong at 1 a. m. of the 28th. Timely warning had been given by Hongkong Observatory, the approach of the storm toward the colony having been recognized at 9.30 p. m. and three bombs fired at 11.15 p. m. But Hongkong as well as Zikawei and Manila Observatories had underrated the development of the typhoon, of whose existence they were aware since the afternoon of July 26. The storm field was too limited in extent to exert a decided influence upon Formosa and Luzon. But the real situation would have been perfectly clear if the observations made at Santo Domingo, Batanes Islands, had been available. These—received long afterwards by mail—clearly showed the typhoon to have been a severe one when it crossed between Batan Island and Luzon during the early hours of July 26.

In consequence of this and previous experiences of even greater seriousness, His Excellency, F. D. Lugard, governor of Hongkong, under date of October 19, 1908, addressed a communication to the Honorable, the Governor-General of the Philippine Islands, regarding the intentions of this Government as to the establishment of telegraphic communication by cable or wireless apparatus, between Santo Domingo and some point on the Island of Luzon. Having been requested to give his opinion, the Director of the Weather Bureau pointed out the importance of the scheme, but also the inadvisability of a cable, which aside from the heavy first cost, is very liable to be rendered useless by the interruption of the land-line from Aparri to Manila. He suggested a wireless telegraph station at Santo Domingo of sufficient power to communicate directly with Manila and Hongkong.

In his reply to Governor Lugard, the Governor-General stated that he believed the funds necessary for a wireless station at Santo Domingo could be made available; otherwise he would appeal to the Legislature for an appropriation for the purpose. Unfortunately, the funds were not on hand and the appropriation has been refused by the Assembly.

While in Washington, cognizant of the request from Hongkong, but ignorant of the reply, Fr. Zwack talked the matter over with a naval expert in wireless telegraphy, who incidentally remarked that in view of the great value which such station would have for shipping in general and for the United States men-of-war in oriental waters in particular, an application by the Chief Executive of the Philippine Islands to the United States Government that the Navy Department establish and maintain the station on Batan Island would probably meet with favorable consideration.

The great importance of the suggested station undoubtedly justifies the outlay for the erection and maintenance even under present circumstances. But its value will be vastly increased when all the larger steamers plying in these waters will have been equipped with wireless apparatus. This idea may appear little short of being ridiculous at present, but this condition of things is bound to come. After not many years radio-telegraphic instruments on board steamers will be as common as electric light is to-day.

5. MIRADOR OBSERVATORY, BAGUIO, BENGUET.

In January, 1909, the building on Mount Mirador, Baguio, Benguet, was sufficiently advanced to admit of installing a microseismograph which, as mentioned before, gives good results. A number of other first-class instruments have since then been sent up and mounted.

Two piers have been erected, one in the meteorological park, the other farther away from the house; the former will serve for observations of latitude and time, the latter for absolute magnetic measurements. The azimuths of both have been determined with the precision obtainable with a theodolite, which is sufficient for the purpose.

The attempt at an exact determination of the latitude of one of the piers by the method of equal zenith distances of stars failed, owing to bad nights and frequent interruptions by heavy rains.

The Weather Bureau is under great obligations to the Director of Posts for the construction of a telegraph line from the Baguio telegraph office to the new observatory. This will enable the latter to receive the time signals direct from the Observatory clock at Manila. The arrangements were not quite complete on June 30. The first time signal was transmitted on July 9.

The Philippine Legislature having made provisions for the salaries of the employees, the branch observatory on Mount Mirador has begun its regular work on July 1, 1909.

PART II.

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY DURING THE CALENDAR YEAR 1909.

LETTER OF TRANSMITTAL.

Department of the Interior, Weather Bureau,
Manila, July 3, 1912.

Sir: I have the honor of transmitting herewith Part II of the Meteorological Report of the Weather Bureau for the year 1909. The same contains the hourly observations made at the Central Observatory during the calendar year 1909.

Very respectfully,

Miguel Saderra Masó,
Acting Director.

Hon. Dean C. Worcester,
Secretary of the Interior, Manila, P. I.

INTRODUCTION.

Part II of our report for 1909 contains the meteorological observations made during the year at the Central Observatory at Manila. The hours of observations are given in Insular standard time; that is, in the time of the one hundred and twentieth meridian east of Greenwich, adopted by order of the United States Government on September 6, 1899. It is to be noted that the observations of atmospheric pressure, temperature, relative humidity, vapor tension, and the direction and force of the wind are hourly, read directly between the hours 6 a. m. and 7 p. m., while for the hours from 8 p. m. to 5 a. m. they are taken from self-registering apparatus. The hourly observations of the direction, form, and amount of clouds are made from 7 a. m. until 6 p. m. only. Each of the tables of hourly observations shows also the respective hourly, daily, and monthly means. The extreme daily values of the various elements, together with the times of their occurrence, are united into a separate table. The thermometers are placed in the Observatory park, 1.5 meters above the ground.

The readings of the barometer have not been corrected for gravity; this correction would be —1.72 mm.

All observations contained in this report are expressed in the metric system, continuing the practice adopted at the time of the reorganization of the Weather Bureau. As in former reports, we have arranged the observations according to month.

EXPLANATION OF SYMBOLS (BEAUFORT'S LETTERS AND INTERNATIONAL WEATHER SYMBOLS).

Symbol.	Equal to—	Symbol.	Equal to—
Ci.	Cirrus.	q	Squally.
Ci.-S.	Cirro-stratus.	u	Ugly or threatening weather.
Ci.-Cu.	Cirro-cumulus.	v	Visibility of distant objects.
A.-Cu.	Alto-Cumulus.	w	Wet or heavy dew.
A.-S.	Alto-stratus.	●	Rain.
S.-Cu.	Strato-cumulus.	≡	Fog or mist.
N.	Nimbus.	⌓	Dew.
Cu.	Cumulus.	⊕	Solar corona.
Cu.-N.	Cumulo-nimbus.	○	Solar halo.
S.	Stratus.	◒	Lunar corona.
Fr.-Cu.	Fracto-cumulus.	∪	Lunar halo.
Fr.-N.	Fracto-nimbus.	↯	Lightning.
Fr.-S.	Fracto-stratus.	☈	Thunderstorm.
S.-cf.	Stratus-cumuliformis.	⊤	Thunder.
N.-cf	Nimbus-cumuliformis.	↙	Strong wind.
M.-Cu.	Mammato-cumulus.	⌒	Rainbow.
b	Clear, blue sky.	∞	Dust haze.
c	Partial clouds.	S.	Smooth sea.
d	Drizzling or light rain.	T.	Tide rips.
g	Gloomy, or dark, stormy-looking weather.	L.	Long rolling sea.
o	Overcast.	M.	Moderate sea or swell.
p	Passing showers of rain.	R.	Rough sea.
		H.	Heavy sea.

NOTE.—The intensity of any individual phenomenon may be distinguished by the figures of ° and ^{2}, which should be used as exponents of the symbols, so that ° indicate slight, and ^{2} strong; e. g., ●°=slight rain, ●^{2}=heavy rain. Figures in heavier type represent extreme values.

OBSERVATIONS FOR JANUARY, 1909.

ATMOSPHERIC PRESSURE, 700^{mm}+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59. 85	59. 40	59. 05	59. 20	59. 15	59. 61	60. 46	61. 10	61. 29	**61.30**	60. 79	59. 75
2	59. 35	58. 80	58. 60	59	59. 25	59. 67	59. 98	60. 63	**60.95**	60. 62	59. 99	59. 01
3	58. 80	58. 35	58. 15	58. 20	58. 55	58. 78	59. 64	60. 17	60. 12	**60.31**	60	59. 31
4	58. 55	58. 40	58. 35	58. 45	58. 55	58. 70	59. 21	59. 69	**59.77**	59. 54	59. 04	58. 13
5	58. 95	58. 45	58. 30	58. 35	58. 25	58. 51	58. 92	59. 26	**59.43**	59. 21	58. 94	58. 26
6	58. 65	58. 40	58. 10	58. 10	58. 30	58. 59	59. 10	59. 51	**59.67**	59. 54	59. 34	58. 85
7	58. 20	57. 75	57. 60	57. 80	58. 20	58. 64	59. 14	59. 76	**60.04**	59. 94	59. 54	59. 05
8	59. 65	59. 40	59. 10	59. 25	59. 50	59. 91	60. 56	60. 95	**61.08**	61. 05	60. 64	60. 03
9	60. 40	60. 35	60. 10	60. 35	60. 50	60. 76	61. 34	61. 76	61. 76	61. 42	61. 12	60. 57
10	61. 75	61. 55	61. 10	61	60. 85	61. 38	61. 53	62. 06	**62.16**	61. 98	61. 74	60. 98
11	60. 45	59. 95	59. 95	59. 95	60	60. 56	61. 14	61. 80	**62.04**	62	61. 63	60. 94
12	60. 05	59. 60	59. 40	59. 40	59. 50	59. 95	60. 42	60. 88	**61.17**	60. 82	60. 16	59. 54
13	58. 50	58. 35	58. 10	58. 40	58. 65	59. 02	59. 56	60. 22	**60.40**	60. 16	59. 58	59. 02
14	59. 25	59. 10	**59.05**	59. 30	59. 65	60. 45	61. 34	61. 79	**62.38**	62	61. 45	60. 78
15	61. 15	60. 75	60. 60	60. 65	60. 85	61. 34	62	62. 54	**62.96**	62. 90	62. 60	61. 93
16	62	61. 50	61. 35	61. 20	61. 50	61. 56	62. 20	62. 67	**62.74**	62. 64	62. 21	61. 54
17	61	60. 30	60. 20	60. 30	60. 50	60. 81	61. 09	61. 48	**61.88**	61. 86	61. 38	61. 09
18	60. 10	59. 70	59. 35	59. 45	59. 55	59. 84	60. 61	61. 16	**61.49**	61. 29	60. 83	60. 36
19	60. 75	60	59. 55	59. 80	59. 85	59. 99	60. 76	61. 59	61. 95	61. 73	61. 08	60. 68
20	61. 85	61. 55	61. 15	61	61. 10	61. 40	62. 08	62. 68	**63.20**	62. 94	62. 49	61. 85
21	61. 50	60. 90	60. 80	60. 80	61	61. 17	61. 83	62. 28	**62.59**	62. 15	61. 85	61. 38
22	61. 25	61. 05	60. 75	60. 55	60. 75	61. 18	61. 60	62. 02	**62.40**	62. 28	61. 95	61. 48
23	61. 25	60. 85	60. 45	60. 25	60. 50	60. 80	61. 21	61. 74	**61.99**	61. 73	61. 27	60. 99
24	**61.40**	60. 85	60. 55	60. 40	60. 50	60. 72	60. 96	61. 24	61. 31	60. 95	60. 43	59. 88
25	60. 35	60. 20	59. 75	59. 80	59. 95	60. 25	60. 80	61. 21	**61.34**	61. 28	60. 93	60. 23
26	60. 40	60. 15	59. 90	59. 80	60. 10	60. 25	60. 84	61. 09	**61.47**	61. 30	60. 77	60. 20
27	60. 10	59. 95	59. 80	59. 75	59. 90	60. 06	60. 50	60. 81	**60.93**	60. 68	60. 13	59. 51
28	59. 80	59. 45	59. 10	59	59. 05	59. 41	59. 73	60. 15	**60.32**	60. 15	59. 76	58. 95
29	58. 65	58. 30	58. 05	58. 15	58. 25	58. 63	58. 90	59. 60	**60.07**	60. 05	59. 80	59. 11
30	59. 10	58. 80	58. 65	58. 70	58. 85	59. 15	59. 65	60. 22	60. 68	**60.69**	60. 35	59. 79
31	59. 70	59. 30	58. 80	58. 90	59	59. 14	60. 05	60. 57	61. 01	**61.18**	60. 99	60. 41
Mean	60. 09	59. 72	59. 48	59. 52	59. 68	60. 01	60. 55	61. 05	**61.31**	61. 15	60. 73	60. 12

TEMPERATURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22. 8	22. 7	22. 7	22. 6	22. 4	22. 5	22. 9	23. 2	23. 9	25	26	26. 6
2	22. 7	22. 4	22. 1	22. 1	22. 2	**21.9**	22	23. 8	25. 7	26. 6	28. 8	28. 6
3	23	22. 9	22. 5	**22.4**	**22.4**	**22.4**	22. 5	22. 8	24. 1	25. 8	25. 7	26. 9
4	24. 1	23. 9	23. 6	23. 4	23	**22.7**	22. 9	25	26. 3	28. 6	30	31. 5
5	21. 7	21. 4	21. 1	20. 9	20. 9	**20.8**	21	22. 5	24. 1	26. 2	27. 5	27. 6
6	23. 4	23	22. 8	22. 3	22. 2	**22**	**22**	23. 9	26	27. 5	27. 6	27. 8
7	22. 7	22. 2	**22**	22. 1	22. 8	22. 3	22. 2	24. 8	26. 2	27	27. 7	28. 6
8	22. 4	22. 3	22. 4	22. 2	22. 2	**21.8**	22. 5	23	26. 2	27. 1	28. 3	29. 5
9	21. 9	21. 8	21. 8	21. 6	**21.2**	**21.2**	21. 5	23. 5	26. 1	28	28. 4	**29.4**
10	21. 1	20. 6	20. 1	20. 1	**19.9**	20. 1	20. 6	24	25. 2	26	27. 4	29. 2
11	21. 3	20. 9	21. 7	21. 8	21. 4	21	21. 5	24	26. 2	27	27. 5	28. 1
12	22. 2	22	21. 8	21. 5	21. 2	**21.1**	21. 5	24	25. 8	26. 5	27. 5	28. 4
13	23. 5	23	22. 4	**22.3**	22. 8	23	23. 6	25. 6	26	27. 5	28. 4	29
14	22. 9	22. 6	22. 5	22. 4	22. 3	21. 9	**21.6**	22	22. 8	24. 5	25. 4	26. 8
15	22. 4	22	21. 7	21. 6	21. 8	21. 6	22	23	24. 1	25. 3	26. 6	27
16	20. 3	20	19. 5	19. 4	19. 3	**19.2**	20	21	23. 9	25. 5	26	25. 9
17	20. 4	**20.2**	20. 3	20. 4	20. 6	20. 4	20. 5	22. 2	23. 6	24. 6	25. 5	25. 6
18	20. 8	20. 7	20. 4	**19.9**	20. 1	20	20. 2	23. 2	25. 3	26. 6	27. 4	27. 3
19	23. 3	23. 2	23	22. 9	22. 8	22. 8	23	23. 9	24. 7	27	29	30. 1
20	22. 4	21. 8	21. 7	21. 4	21. 2	**21**	21. 4	23. 6	25. 8	27. 8	27	28. 3
21	23. 2	22. 8	22. 8	22. 4	**22**	22. 4	22. 5	25	27. 3	**29**	28	25. 8
22	23. 6	23. 6	23. 2	23. 1	22. 9	22. 7	23	25. 1	26. 1	27. 8	27. 6	28. 5
23	21. 8	21	20. 3	20. 1	19. 8	**19.6**	19. 8	23. 2	24. 9	26. 5	28. 1	27. 3
24	22. 2	21. 8	21. 4	21. 1	21	**20.8**	21. 2	24. 6	26. 1	27. 7	29. 9	29. 1
25	**22.1**	22. 4	22. 5	22. 6	22. 2	22. 2	22. 4	23. 8	26. 5	28. 3	28	28. 9
26	23. 2	22. 5	22. 1	21. 9	21. 4	**21**	21. 2	24. 5	26. 5	27. 6	28. 8	28. 5
27	22. 7	21. 8	21. 4	21	20. 9	**20.6**	20. 7	24. 2	26. 8	27. 5	27. 6	29
28	22. 3	21. 6	21	20. 7	20. 6	20. 5	**20.4**	23. 2	26. 2	27. 3	27. 6	28. 3
29	23. 5	23. 1	22. 6	22. 1	21. 7	21. 6	21. 5	23. 4	25. 5	26. 5	25. 9	26. 6
30	21. 1	20. 9	20. 6	20. 4	20. 2	20. 1	**20**	23. 4	25	26	27. 7	28. 5
31	22	22	21. 4	21. 4	21. 3	20. 9	21. 7	22. 5	24. 3	25. 8	24. 4	25. 2
Mean	22. 4	22	21. 8	21. 6	21. 5	**21.4**	21. 6	23. 6	25. 4	26. 8	27. 5	28

ATMOSPHERIC PRESSURE, $700^{mm}+$.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
58.80	58.18	**57.94**	**57.94**	58.09	58.56	59.16	59.75	59.90	60.05	59.90	59.70	59.54
58.15	**57.39**	57.43	57.76	57.83	58.09	58.66	59.35	59.70	59.65	59.55	59.30	59.11
58.56	57.99	**57.68**	57.77	57.92	57.99	58.18	58.85	59.10	59.05	59	58.90	58.81
57.49	57.22	**56.86**	57.12	57.31	57.70	58.34	59.15	59.60	59.75	59.55	59.25	58.57
57.46	56.95	**56.83**	57.03	57.25	57.62	58.07	58.55	58.85	58.90	59	58.85	**58.34**
58.04	57.68	**57.42**	57.44	57.63	58	58.10	58.55	58.75	58.80	58.70	58.50	58.49
58.23	57.62	57.39	**57.37**	57.78	58.30	58.59	59	59.55	59.80	59.85	59.85	58.71
59	58.35	**58.13**	58.37	58.78	59.37	59.90	60.35	60.60	60.55	60.50	60.45	59.81
60	59.48	**59.38**	59.43	59.74	60.14	60.67	61.05	61.50	61.65	61.90	**61.95**	60.72
60.08	59.28	**59.02**	59.07	59.23	59.50	60.17	60.80	61.10	61.10	61.10	60.95	60.81
60.09	59.59	**59.33**	59.42	59.52	59.70	60.08	60.55	60.80	60.85	60.60	60.60	60.48
58.55	57.69	**57.47**	57.48	57.79	58.22	58.67	59.15	59.50	59.45	59.15	58.95	59.29
58.03	57.52	**56.69**	57.22	57.57	57.97	58.13	59	59.65	59.60	59.50	59.45	58.77
60.13	59.70	59.45	59.59	59.95	60.24	60.49	60.90	61.25	61.50	61.50	61.35	60.52
60.92	60.46	**60.01**	60.11	60.68	61.30	61.87	62.30	62.60	62.60	62.50	62.30	**61.58**
60.83	59.88	**59.29**	59.53	60.01	60.53	60.82	61.15	61.50	61.50	61.55	61.40	61.30
60.37	59.71	59.26	59.19	**59.14**	59.67	60.40	60.85	60.90	60.65	60.55	60.40	60.54
59.51	59.03	**58.83**	59.10	59.56	59.98	60.52	61.10	61.30	61.30	61.20	61.15	60.26
59.92	59.52	59.24	**59.21**	59.71	60.34	61.13	61.60	62.05	62.25	**62.50**	62.40	60.73
60.95	60.17	**59.62**	59.66	60.06	60.28	60.74	61.40	61.95	62	61.95	61.75	61.41
60.65	59.88	**59.40**	59.60	59.85	59.81	60.23	60.65	61.15	61.35	61.50	61.40	60.99
60.72	60.15	59.37	**59.29**	**59.29**	59.82	60.34	60.90	61.25	61.40	61.35	61.45	60.94
60.06	59.70	**59.18**	59.50	59.88	60.36	60.79	61.40	61.75	61.80	61.75	61.65	60.87
59.45	58.78	**58.45**	58.50	58.88	59.13	59.38	59.85	60.25	60.50	60.65	60.60	60.15
59.40	58.68	58.15	**58.07**	58.47	58.74	59.15	59.75	60.20	60.75	61.05	60.75	59.97
59.54	58.88	58.46	**58.41**	58.69	59.06	59.47	59.85	60.05	60.45	60.40	60.20	59.99
58.90	58.27	**58.19**	58.29	58.51	58.69	59.22	59.65	59.95	60.05	60	59.85	59.65
58.04	57.23	56.79	**56.71**	56.77	57.11	58.74	58.40	58.65	58.75	58.70	58.80	58.73
58.30	57.63	**57.34**	57.37	57.53	57.79	58.40	59.05	59.30	59.40	59.45	59.45	58.69
58.72	58.24	57.72	**57.49**	57.78	58.35	58.83	59.30	59.65	60	60.10	60.10	59.20
59.85	59.31	58.92	**58.75**	59.02	59.51	59.74	60	60.40	60.40	60.45	60.35	59.82
59.31	58.71	**58.37**	58.44	58.72	59.09	59.58	60.07	60.41	60.51	60.51	60.50	59.90

TEMPERATURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
26.9	26.2	26.2	26.1	25.6	24.5	23.8	23.4	22.9	22.5	22.1	**21.9**	24
29.6	27.7	27	26.7	26.3	25.2	24.9	24.5	23.6	23.3	23.2	23.1	24.8
27	27.1	27.1	**27.4**	27.1	25.8	25.2	24.8	24.3	24.3	24.3	24.1	24.7
32.6	29.5	30.2	29	27.7	26	25.2	24.4	24.3	24	23.1	**22.7**	**26**
27.8	27.9	**28.1**	27.5	26.6	25.9	25.6	25.4	25.1	24.4	23.7	23.4	24.5
29.8	29.8	29.9	**30.7**	28.9	27.1	25.2	24.6	23.7	23.1	23.7	23.1	25.4
29.2	30	**31.2**	30	28.6	26.3	25.3	24.5	23.9	23.1	23	22.5	25.3
29.6	**30.4**	28.9	28.1	27.6	25.7	24.4	23.7	23.3	22.8	22.5	22.1	25
27.9	**29.4**	29.1	28.6	27	25.3	24.2	23.4	22.6	21.8	21.7	21.3	24.5
28.2	**30.6**	30.3	28.7	28.5	26.3	24.8	23.9	22.9	22.3	22	21.5	24.3
28.7	**29**	28	**29**	27.3	25.6	24.5	24.3	23.3	22.8	22.6	22.4	24.6
29	29.5	**30.1**	29	28.1	27.1	26.3	25.8	24.9	24.1	24.1	23.8	25.2
29.2	29.4	**29.7**	28.9	27.1	25.7	25.1	24.7	23.3	23.1	23	23.1	25.4
26.3	**26.9**	26.3	25.9	25.1	24.4	23.9	23.7	23.4	23	22.8	22.8	23.8
27.3	26.5	27.1	26.4	25.4	24.2	22.8	22.4	22.1	21.3	20.9	**20.6**	23.6
27.7	27.3	**28**	26.5	25.2	23.8	22.9	22.2	21.5	21.2	20.8	20.5	**22.8**
25.8	25.8	26.8	**27**	25.1	24.2	23.4	22.9	22.6	22.2	21.9	20.9	23
29.4	28	27.7	27.5	25.8	24.8	24.7	24.3	24.3	23.9	23.9	23.4	24.2
30.9	**30.9**	28.8	29.4	27.9	26.7	25.7	25.1	24.6	23.8	23.2	**22.6**	25.6
28.5	**30**	29.9	29	28.5	27.3	26.3	25.7	25	24.6	24.5	23.9	25.3
27.2	27.5	27.2	24.5	24.6	24.5	24.4	24.4	24.4	23.9	23.9	23.6	24.7
27.8	29.2	**30.2**	30.1	28.1	26	24.8	23.7	22.9	23	22.6	**21.8**	25.3
28.9	28.5	**30.3**	27.8	26.9	25.4	25.2	24.7	24.6	24	23.4	22.9	24.4
30.3	29.3	30.2	29.7	28.5	26.5	25.1	24.3	23.3	22.9	22.4	22	25.1
28.9	29	29.7	**29.8**	28.3	27.5	26.7	26	25.5	25.4	24.7	24.1	25.7
29.3	**29.6**	29.5	29.4	28.1	26.5	25.5	25	24.2	23.6	23.3	23.8	25.3
28.4	**30.7**	29.9	29	27.8	26.2	25.4	25.1	24.3	24	23.5	22.8	25.1
29	29.5	**30**	29.1	27.7	26.8	26.6	26.6	25.5	24.4	24.3	23.9	25.1
26.7	**28**	27.7	**28**	27.3	25.7	24.5	23.2	22.4	22.1	21.7	**21.3**	24.3
28.7	28.7	**28.9**	28.4	27.3	25.1	23.1	22.3	21.6	21.7	22	21.9	23.9
25.7	24.9	24.5	**26.5**	24.8	24.4	23.6	23.3	22.5	22.2	22.1	21.2	23.3
28.5	28.6	**28.7**	28.2	27.1	25.7	24.8	24.3	23.6	23.2	22.9	22.5	24.7

RELATIVE HUMIDITY.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	90	91	90	92	93	95	94	**97**	94	90	83	79
2	82.5	86	88	88	88	89	89	78	67	62	**59**	60
3	91	92	95	95	96	95	**97**	**97**	91	84	88	84
4	91	91	92	92	94	95	**97**	92	82	70	68	61
5	90	90	91	**92**	**92**	91.5	91	88	82	75	**66**	**66**
6	92	93	94	93	93	94	**95**	86	80	78	76	74
7	88	92	92	93	94	94	**95**	85	80	77.5	74	68.5
8	91	88	88	89	89	**92**	91	88	73	72.5	68	66
9	93	94	94	93	**95**	94	**95**	83	73	65	**62**	**62**
10	87	89	91	92	90.5	91	91	79	76.5	75.5	73	68
11	**95**	94.5	94	93	93	**95**	**95**	86	74	70	69	69
12	92	94	95	95	**96**	**96**	95	87	79	76.5	72	70
13	85	89	91	90	90	90	90	83	80	73	68	67
14	91	91	91	91	92	93	94	**96**	94	87	76	**72**
15	91	**93**	92	92	90	91	91	79	75	74	69	67
16	90	91	90	91	92	**93**	91	86	77	68.5	68	68
17	87	87	89	90	90	**91**	90	81	78	73	67	65
18	82.5	82	85	87	89	88	89	77	71	68.5	63.5	68
19	94	94	95	95	95	95	**96**	92	89	80.5	74	67.5
20	91	90	90	91	92	**93**	91	82	76	68	70	68
21	90	92	91	91	95	90	91	79.5	69	**64**	74	85
22	94	93	94	95	**96**	**96**	95	84	78	70	76	68
23	83	84	86	87	**90**	89	89.5	82	76	70.5	67	65
24	90	91	92	**94**	**94**	93	93	79	73	67	62	60
25	**88**	85	86	84	84	86	85	81	74	72	69	67
26	90	93	95	95	95	**96**	95	82	76	70	**66**	**66**
27	90	94	94	94	94.5	**95**	**95**	82	69	68	69	64
28	86	87	90	**91**	**91**	**91**	**91**	81	79	72	76	72
29	80	84	85	83	89	90	**91**	84	77.5	73	77	77
30	91	93	93.5	93	**94**	93	**94**	75.5	70	65	62	64
31	86	87	87	89	89	**92**	87	86	78	74	85	80
Mean	89.1	90.1	91	91.3	92.1	**92.5**	92.4	84.5	77.8	72.7	70.9	69

VAPOR PRESSURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	18.6	18.7	18.5	18.7	18.7	19.2	19.5	20.4	20.7	**21.2**	20.7	20.4
2	16.9	17.3	17.5	17.5	17.4	17.4	17.5	17.1	16.5	**16.1**	17.3	17.4
3	**19**	19.1	19.2	19.1	19.2	19.1	19.7	19.9	20.2	20.7	21.5	22.1
4	20.4	20.1	19.9	19.7	19.6	19.4	20	21.6	20.9	20.3	21.4	20.9
5	17.4	17	16.9	16.8	16.8	**16.7**	16.8	17.7	18.4	18.9	18.1	18.1
6	19.7	19.4	19.3	18.6	18.5	18.4	18.6	18.9	20	21.2	20.8	20.6
7	**18**	18.3	**18**	18.3	19.3	18.8	18.8	19.8	20.2	20.5	20.5	19.9
8	18.3	17.7	17.6	17.8	17.8	17.8	18.4	18.3	18.5	19.3	19.5	20.1
9	18.1	18.2	18.2	17.8	17.7	17.5	18.2	17.8	18.2	18.2	17.9	18.9
10	16.2	16	15.8	16.2	**15.6**	16	16.4	17.5	18.2	18.8	19.7	20.3
11	17.8	**17.3**	18.1	18	17.6	17.6	18.2	19	18.7	18.4	18.9	19.4
12	18.3	18.4	18.4	18.2	18	**17.9**	18.2	19.3	19.5	19.7	19.6	20
13	18.4	18.5	18.3	**18.1**	18.6	18.8	19.4	**20.2**	20	20	19.5	19.9
14	18.9	18.6	18.4	18.3	18.4	18.1	**17.9**	18.8	19.3	**20**	18.3	18.9
15	18.3	18.2	17.7	17.6	17.5	17.4	17.9	16.4	16.8	17.6	17.9	17.7
16	15.9	15.7	15.2	15.3	15.4	15.4	15.7	16	16.9	16.6	**17**	16.9
17	15.5	15.3	15.7	16	16.2	16.2	16.1	16.2	**16.9**	16.8	16.2	15.8
18	15.1	**15**	**15.2**	**15**	15.5	15.3	15.6	16.3	17.1	17.7	17.2	18.2
19	20	19.8	19.8	19.6	19.5	19.5	19.9	20.3	20.6	21.3	20	21.4
20	18.3	17.5	17.4	17.2	17.2	**17.1**	17.2	17.8	18.8	18.8	18.4	19.5
21	19.1	19	18.8	18.3	18.6	**18.2**	18.4	18.7	18.6	19.1	20.7	21.1
22	20.3	20.1	19.8	19.9	19.8	19.6	19.8	20	19.5	19.5	**20.9**	19.6
23	16.1	15.6	15.2	15.2	15.5	**15**	15.4	17.3	17.9	18.1	18.9	17.5
24	17.9	17.7	17.4	17.4	17.3	16.9	17.3	18.1	18.2	18.4	**19.3**	18
25	17.5	17.1	17.4	17.2	**16.7**	17.1	17.1	17.8	19.1	20.5	19.3	19.7
26	19.1	18.8	18.7	18.5	17.9	17.8	**17.7**	18.8	19.5	19.4	19.4	19.2
27	18.5	18.2	17.7	17.3	17.3	17.2	17.3	18.3	18	18.5	19	19.1
28	17.2	16.8	16.6	16.5	16.4	16.3	**16.2**	17.1	19.8	19.4	20.9	20.7
29	17.3	17.6	17.3	17.5	17.2	17.3	17.3	17.9	18.8	18.7	19.1	20
30	16.9	17	16.9	16.6	16.6	16.3	16.4	16.2	16.4	16.3	17	18.6
31	16.9	17	16.5	16.9	16.8	16.8	16.7	17.4	17.7	18.2	19.3	19.2
Mean	17.9	17.8	17.7	17.6	17.6	**17.5**	17.7	18.3	18.7	19	19.2	19.3

RELATIVE HUMIDITY.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
65	65.5	67	66	69	75	79	82	84	84	87	90	83.4
62	67	70	72	74	79	80	82	89	90	**91**	**91**	78.5
85	86	85	**81**	**81**	83	85	87	90	90	90	91	**89.1**
60	71	65.5	67.5	74	81	83	85	86	86	89	88	81.7
68	71	70	73	83	85	88	89	91	89	**92**	**92**	83.6
69	71	66	**60**	62	69	76	80	84	86	84	87	80.9
66	65	**61**	65	72	76	80	84	86	89	90	90	81.5
66	59.5	**59**	63	66	71	79	84	86	88	90	91	79.1
70	68	67	68.5	75	76	78	81	85	86	87	89	80.6
73	67	**64**	66	66	76	83	86	90	91	93	**95**	81.4
66	**64**	69.5	67.5	75	85	86	88	90	91	92	93	83.1
67	**64**	**64**	**64**	71	76	79	81	83	84	83	85	81.2
65	**64**	**64**	66	72	75	77	80	90	91	**92**	90	80.1
73	**72**	79	80	84	87	90	89	90	91	93	92	87
68	71	67	**66**	73	79	85	86	87	88	90	89	81.4
59	59	**57.5**	60	70	70	74	76	81	83	84	85	77.7
64	67	58	**55**	59	63	68	71	73	73	75	79	**74.7**
61	66	**72**	76	84	89	89	91	91	93	**94**	93	81.2
64	**62**	75.5	72	81	79	83	83	82.5	86	87	91	83.9
68	65	**63.5**	67.5	66	**72**	76	78	80	82.5	84	86	78.8
80	84	85	**96**	93	**96**	94	92	92	94	94	94	87.7
68	62	58	**52**	58	67	70	74	77	77	78	83	77.6
65	66	**62.5**	70.5	70	77	78	81	82	84	88	87	78.3
60	60.5	**56**	59.5	62.5	70	73	78	82	83	84	85	76.7
66	65	**64.5**	65	73	76	77	79	80	80	86	87	77.5
66	**66**	68	**66**	71	76.5	81	82	86	90	89	85.5	81.1
68	62	59	62	60	66	68	69	74	76	80	83	76.5
70	68	**67**	70	75	77	78	79	77.5	78	78	81	79.4
78	74	75	70	**69**	76	78	83	85	86	87	89	80.9
64	64	62	**60**	65	70	79	79	83	83	81	86	77.7
78	83	86	76	72	**71**	76	77	81	80	79	84	81.8
67.8	67.7	**67.3**	67.8	71.8	76.4	79.7	81.8	84.5	85.6	86.8	88.1	80.8

VAPOR PRESSURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
17.2	**16.5**	17.1	16.6	16.9	17.2	17.3	17.5	17.5	17.1	17.1	17.6	18.4
19.1	18.4	18.4	18.8	18.9	18.8	18.8	18.8	19.2	19.2	**19.3**	19.1	18
22.5	**22.8**	22.7	21.8	21.6	20.5	20.3	20.3	20.3	20.3	20.3	20.2	**20.5**
21.9	21.7	20.9	20	20.5	20.2	19.7	19.3	19.3	19	18.6	**18**	20.1
18.8	19.8	19.7	20	21.4	21.2	**21.6**	21.5	21.5	20.2	20.1	19.7	19
21.6	**22.2**	20.7	19.6	18.4	18.4	**18.1**	18.4	18.3	**18.1**	18.3	18.3	19.4
19.9	20.5	20.5	20.5	**20.9**	19.2	19.3	19.2	18.9	18.6	18.7	18.3	19.4
20.3	19.2	**17.4**	17.9	18.1	**17.4**	18	18.3	18.3	18.1	18.3	18	18.4
19.6	**20.6**	20	19.9	19.7	18.2	17.6	17.4	17.3	**16.6**	16.7	16.8	18.2
20.8	**21.9**	20.4	19.3	19.2	19.4	19.2	19	18.7	18.2	18.2	18.2	18.3
19.3	19.1	19.5	20	20.2	**20.8**	19.6	19.9	19	18.8	18.7	18.7	18.9
19.9	19.7	20.2	19.1	20.1	**20.3**	20	20.1	19.5	18.7	18.5	18.6	19.2
19.5	19.4	19.8	19.6	19.1	18.5	18.3	18.5	19	19.1	19.2	19	19.1
18.5	19	**20**	19.9	**20**	19.8	19.8	19.3	19.3	19	19.2	19	19
18.4	**18.4**	17.8	17	17.6	17.8	17.6	17.3	17.1	16.6	16.5	**16**	17.5
16.3	15.8	16.1	15.5	16.8	15.4	15.4	**15**	15.5	15.5	15.4	15.3	15.8
15.9	16.4	15.1	14.6	**13.9**	14.1	14.5	14.8	14.8	14.6	14.6	14.5	**15.4**
18.6	18.6	19.9	20.6	**20.7**	**20.7**	20.6	20.6	20.5	20.5	**20.7**	19.9	18.1
21.1	20.7	22.2	21.8	**22.6**	20.5	20.4	19.8	18.9	18.9	**18.4**	18.6	20.2
19.6	**20.5**	19.9	20	19	19.4	19.2	19.2	18.9	18.9	19.2	19	**18.7**
21.4	**23**	22.8	21.9	21.4	21.9	21.3	21	21	20.7	20.7	20.3	20.2
18.8	18.6	18.4	16.5	16.3	16.8	16.3	16.2	**16**	16.1	**16**	16.1	18.4
19.3	19	**20**	19.6	18.5	18.7	18.6	18.7	18.8	18.6	18.8	18	17.7
19.2	18.3	17.8	18.4	18	18	17.4	17.7	17.4	17.3	17	**16.7**	17.8
19.6	19.5	20	20.2	**20.9**	20.6	19.9	19.8	19.4	19.4	19.8	19.5	19
20.1	20.3	**20.8**	20	20.1	19.7	19.7	19.3	19.4	19.4	18.9	18.7	19.2
19.6	**20.4**	18.5	18.5	16.8	16.7	**16.3**	**16.3**	16.8	16.8	17.1	17.2	17.8
20.8	20.8	**21.3**	21	20.7	20.1	20.2	20.4	18.8	17.8	17.7	17.8	18.8
20.3	**20.7**	**20.7**	19.7	18.6	18.6	17.8	17.5	17.1	17	16.9	**16.8**	18.2
18.7	**18.7**	18.4	17.3	17.5	16.5	16.5	**15.8**	15.9	16	16	16.7	16.9
19.2	19.3	**19.6**	19.5	16.7	16.2	16.6	16.4	16.4	15.9	**15.6**	15.8	17.4
19.5	**19.7**	19.6	19.2	19.1	18.8	18.6	18.5	18.3	18.1	18.1	17.9	18.5

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1							Ci.-S.					
2					A.-Cu.	SE	A.-Cu.		A.-Cu.	SE	A.-Cu.	
3			A.-Cu.		A.-Cu.		A.-Cu.				A.-Cu.	
4	A.-Cu.	E	Ci.		Ci.	SE	Ci.	SE	Ci.		Ci.	
5	Ci.-S.	SE	Ci.-S.	SE	Ci.-S.	SE	Ci.-S.	SE	Ci.-S.		Ci.-S.	
6	Ci.-S.	SE	Ci.-S.	SE	Ci.-S.	SE	Ci.-S.	SE			Ci.-S.	
7	Ci.		Ci.		Ci.-S.				Ci.-S.			
8	Ci.-S.	SE	Ci.-S.	SE	Ci.		Ci.		Ci.-S.		Ci.-S.	SE
9	Ci.		Ci.-S.		Ci.		Ci.	S	Ci.			
10	A.-Cu.	SEbyE	Ci.-S.		Ci.-Cu.	SE	Ci.-S.	SE	Ci.-S.		Ci.	
11	Ci.-S.	SW	Ci.-S.	SW								
12	A.-Cu.	N	A.-Cu.		Ci.-Cu.							
13	A.-Cu.	NE	A.-Cu.		A.-Cu.	ENE	A.-Cu.		A.-Cu.		A.-Cu.	
14							A.-Cu.	ESE	A.-Cu.		A.-Cu.	ESE
15												
16	Ci.-S.		A.-Cu.		Ci.-S.		Ci.-S.		A.-Cu.		A.-Cu.	
17	A.-Cu.		Ci.									
18	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-Cu.		A.-Cu.	
19									Ci.-S.		A.-Cu.	
20	Ci.		Ci.		Ci.	SE	Ci.	SE	Ci.-S.		Ci.-S.	
21			A.-Cu.	E	A.-Cu.							
22	Ci.-S.		A.-Cu.	NE	Ci.				Ci.-S.		Ci.	
23					A.-Cu.		A.-Cu.				A.-Cu.	
24	Ci.	SSW	Ci.	SSW	Ci.	SWbyS	Ci.		Ci.		Ci.	
25	A.-Cu.						Ci.				Ci.	
26	Ci.-S.		Ci.		Ci.		Ci.				Ci.	
27	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
28	Ci.											
29	Ci.											
30			Ci.		A.-Cu.							
31			A.-Cu.		Ci.-S.				A.-Cu.			

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	N.	ENE	Cu.-N.	ENE	Cu.-N.	ENE	N.-cf.	ENE	N.-cf.	ENE	N.-cf.	
2	S.-Cu.	SE	S.-Cu.		Cu.		Cu.		Cu.	ENE	Cu.	
3	Cu.-N.	EbyS	Cu.-N.	EbyS	S.-Cu.	EbyS	N.		Cu.-N.		Cu.-N.	
4	Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	E
5	S.-Cu.		S.-Cu.		Cu.		Cu.		Cu.		S.-Cu.	
6	S.-Cu.		S.-Cu.		Cu.		Cu.		N.-cf.	ESE	Cu.	
7	Cu.		S.-Cu.	E	S.-Cu.	E	Cu.	E	S.-Cu.	E	Cu.	E
8	S.-Cu.		S.-Cu.	EbyN	Cu.		Cu.		Cu.	EbyN	Cu.	E
9	Cu.		S.-Cu.	E	Cu.	E	Cu.		N.-cf.	E	N.-cf.	E
10	Cu.		Cu.		Cu.		Cu.	EbyN	Cu.	E	Cu.	E
11	Cu.		Cu.		S.-Cu.	E	N.-cf.	E	N.-cf.	E	Cu.	
12	Cu.		S.-Cu.		Cu.		Cu.		Cu.		Cu.	
13	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.-N.	
14	N.		N.		Fr.-N.	NE	Cu.-N.		Cu.-N.	E	Cu.-N.	
15	S.-Cu.	NNE	S.-Cu.	NNE	S.-Cu.	ENE	S.-Cu.	ENE	Cu.	ENE	N.-cf.	
16	S.-Cu.	E	S.-Cu.	E	S.-Cu.	E	S.-Cu.		S.-Cu.		Cu.-N.	
17	S.-Cu.	EbyS	Cu.		Fr.-N.	ENE	S.-Cu.	EbyN	S.-Cu.		N.-cf.	
18	Cu.		Cu.		Cu.		Cu.		S.-Cu.	E	Cu.	
19	N.-cf.		N.-cf.	ESE	Cu.		Cu.	ESE	Cu.	ESE	Cu.	ESE
20					Cu.		Cu.		Cu.	E	Cu.	E
21	S.-Cu.	E	S.		S.		Cu.		N.-cf.	E	N.	
22	S.-Cu.	EbyN	S.-Cu.		S.-Cu.	E	Cu.		S.-Cu.		S.-Cu.	E
23	Cu.		Cu.		Cu.		S.-Cu.	ESE	Cu.	E	N.-cf.	E
24	Cu.		Cu.		Cu.		Cu.		Cu.	E	Cu.	
25	Cu.		S.-Cu.		S.-Cu.		Cu.		Cu.	E	Cu.-N.	
26	Cu.		Cu.		Cu.		Cu.		Cu.	E	Cu.	E
27	Cu.		S.		Cu.		Cu.		Cu.	E	Cu.	E
28	Cu.		Cu.		Cu.	N	Cu.	N	Cu.		Fr.-Cu.	
29	S.-Cu.		S.-Cu.	E	S.-Cu.	E	N.-cf.	E	N.	E	N.-cf.	
30	S.-Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E	N.-cf.	E
31	N.		S.-Cu.	E	Cu.	EbyN	N.-cf.		N.-cf.		N.-cf.	

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
						A.-Cu.		A.-Cu.			
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
A.-Cu.		A.-Cu.		A.-Cu.	NEbyE	Ci.-S.		A.-Cu.	NEbyE	Ci.	
Ci.		Ci.		Ci.		Ci.	SE	Ci.			
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.					
Ci.-S.		Ci.-S.		Ci.-S.	SE	Ci.-S.	SE	Ci.-S.	SE	Ci.-S.	
Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
A.-Cu.	SE	A.-Cu.		A.-Cu.	SE	A.-Cu.		A.-Cu.	SE		
A.-Cu.						Ci.-S.		A.-Cu.		Ci.	
		Ci.-S.		A.-Cu.		A.-Cu.		Ci.		Ci.	
								A.-Cu.			
								A.-Cu.	N	Ci.-S.	
				Ci.						A.-Cu.	
		A.-Cu.		A.-Cu.	SE	A.-Cu.				Ci.-S.	
						Ci.-S.				A.-Cu.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.		Ci.-S.	
A.-Cu.	NEbyE	A.-Cu.	NEbyE	A.-Cu.	ENE	Ci.		A.-Cu.		A.-Cu.	
A.-Cu.		A.-Cu.				Ci.-S.		Ci.-S.		Ci.-S.	
		A.-Cu.				A.-Cu.		Ci.		A.-Cu.	
Ci.		Ci.		Ci.-S.		Ci.-Cu.	SSE	Ci.-Cu.		Ci.-S.	
				Ci.-S.							
Ci.-S.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
A.-Cu.						Ci.-S.		A.-Cu.			
		Ci.		Ci.		Ci.		A.-Cu.		Ci.	
		A.-Cu.	SE	A.-Cu.	SE	A.-Cu.					
Ci.		Ci.-S.						A.-Cu.		A.-Cu.	
		A.-Cu.		Ci.		A.-Cu.		A.-Cu.	ESE	Ci.	
						Ci.-S.					
		A.-Cu.		A.-Cu.		Ci.				Ci.	
Ci.		Ci.		Ci.		Ci.				Ci.	

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction,	Form.	Direction.	Form.	Direction.
N.-cf.		N.-cf.		N.-cf.		N.-cf.		Cu.-N.		Cu.-N.	
Cu.	ENE	Cu.-N.		Cu.-N.	ENE	Cu.-N.		Cu.		Cu.-N.	
N.-cf.	E	N.-cf.	E	N.-cf.	E	Cu.		S.-Cu.	E	S.-Cu.	
Cu.	E	Cu.	E	Cu.	E	Cu.	ENE	Cu.	ENE	Cu.	
S.-Cu.		S.-Cu.		S.-Cu.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.	
Cu.		Cu.	ESE	Cu.		Fr.-Cu.		Fr.-Cu.	E	S.-Cu.	
Cu.	E	S.-Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.	
Cu.	E	Cu.		Cu.	E	Cu.	E	Cu.		Cu.	
Cu.	E	N.-cf.		Cu.	E	N.-cf.	E	S.-Cu.	E	Cu.	
Cu.		Cu.	E	Cu.	E	Cu.		S.-Cu.	E	S.-Cu.	
N.-cf.	E	Cu.	E	N.-cf.	E	Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.-N.		Cu.-N.		S.-Cu.	
Cu.		Cu.		Cu.		Cu.		S.-Cu.	N	S.-Cu.	
Cu.-N.		Cu.-N.	ENE	Cu.-N.		Cu.	NE	Cu.-N.		S.-Cu.	
N.-cf.		Cu.-N.		N.-cf.	NE	S.-Cu.	NE	S.-Cu.	NE	S.-Cu.	
Cu.	E	Cu.	E	Cu.		Cu.		Cu.		Cu.	
S.-Cu.	EbyS	S.-Cu.	EbyS	S.-Cu.	ESE	S.-Cu.		S.-Cu.	SE	S.-Cu.	
Cu.	E	Cu.	E	Cu.-N.	E	Cu.-N.		S.-Cu.	E	S.-Cu.	
Cu.	ESE	Cu.		Cu.		Cu.	ESE	Cu.	ESE	Cu.	
Cu.	E	Cu.		Cu.	E	Cu.		Cu.		Cu.	E
N.		Cu.-N.		N.-cf.	E	N.		N.		Cu.-N.	
Cu.	ENE	Cu.		Cu.	ENE	Cu.		Cu.	ENE	Cu.	
Cu.		N.-cf.	E	S.-Cu.		S.-Cu.		S.-Cu.	E	Cu.	
Cu.		Cu.	ENE	Cu.	E by N	Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		N.-cf.	E	S.-Cu.	E	S.-Cu.	
Cu.		Cu.	E	Cu.		Cu.	E	Cu.		S.-Cu.	
Cu.	E	Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
N.-cf.		S.-Cu.		S.-Cu.		Cu.	NE	Cu.		S.-Cu.	
N.-cf.		Cu.		Cu.		Cu.		Cu.		Cu.	
N.-cf.	E	N.	E	N.-cf.	E	N.	E	N.	E	N.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	NNE	1	NE	1	NE	2.5	E	1.5	E	0.5	Calm	--------
2	NE	1	Calm	--------	N	1.5	N	1.5	N	1	N	0.5
3	Calm	--------	N	.5	NNE	.5	Calm	--------	Calm	--------	N	.5
4	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
5	Calm	--------	Calm	--------	ESE	1.5	ESE	1	ESE	1	Calm	--------
6	Calm	--------	SE	1	SE	1	SE	2	ESE	1.5	Calm	--------
7	Calm	--------	Calm	--------	Calm	--------	Calm	--------	ESE	1	NE	.5
8	ESE	.5	Calm	--------	NNE	1	ENE	1	NNE	1	Calm	--------
9	Calm	--------	E	.5	E	.5	Calm	--------	NNE	1.5	NNE	1
10	NE	1	NE	1	NE	1	NE	2	NE	2	E	.5
11	NE	1	E by N	.5	ENE	1.5	NE	1.5	NNE	1.5	Calm	--------
12	Calm	--------	NNE	.5	NNE	.5	Calm	--------	Calm	--------	Calm	--------
13	ESE	3	ESE	.5	ESE	2	ESE	1.5	ESE	1	Calm	--------
14	NE	1	NE	1.5	NE	2	ENE	2.5	ENE	2.5	E	1.5
15	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NNE	.5	Calm	--------
16	Calm	--------	Calm	--------	E	.5	Calm	--------	NW	.5	Calm	--------
17	E	.5	ESE	1	E	.5	Calm	--------	Calm	--------	E	.5
18	Calm	--------	Calm	--------	E	.5	NNE	1.5	NNE	1.5	N	1.5
19	N by W	2	N by W	3	N	3	N	1	N	2	N	2
20	ESE	.5	ESE	1	ESE	1	ESE	1.5	SE	2	Calm	--------
21	Calm	--------	Calm	--------	N	1.5	N	1	NE	2.5	N	3
22	Calm	--------	Calm	--------	Calm	--------	NE	1	NE	.5	Calm	--------
23	E	1	ENE	1.5	ENE	1	E	1.5	NE	1.5	Calm	--------
24	NE	1	NNE	1	NNE	1	NE	1	NE	1	NE	1
25	Calm	--------	ENE	1.5	Calm	--------	NNE	2	NNE	2	Calm	--------
26	Calm	--------	Calm	--------	Calm	--------	NE	.5	NE	1	NE	1
27	Calm	--------	Calm	--------	Calm	--------	NE	.5	Calm	--------	Calm	--------
28	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NE	.5
29	N	3.5	N	3.5	N	3.5	N	5	N	1.5	N	2.5
30	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NNE	.5	Calm	--------
31	ENE	.5	ENE	.5	Calm	--------	ENE	.5	ENE	.5	Calm	--------
Mean	------------	.6	------------	.6	------------	.9	------------	1	------------	1	------------	.5

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	NE	10	NE	2.5	Calm	--------	Calm	--------	NEbyE	0.5	Calm	--------
2	NW	1.5	N	5.5	NNE	1.5	Calm	--------	Calm	--------	Calm	--------
3	ENE	1	E	.5	Calm	--------	NWbyW	2.5	SSE	1.5	ESE	2
4	S	2.5	Calm	--------	SE	3	ESE	4	ESE	4	Calm	--------
5	Calm	--------	SW	.5	SW	1	Calm	--------	Calm	--------	Calm	--------
6	WSW	2.5	WbyS	2.5	W	2.5	E	2.5	ESE	2	EbyS	.5
7	NW	3.5	WNW	2	Calm	--------	WNW	.5	Calm	--------	ESE	1
8	WNW	2	ENE	1	ESE	4.5	SE	1	ESE	2	ESE	2
9	SW	2	SW	1.5	Calm	--------	S	.5	ENE	1.5	NE	1
10	NNW	2	W	1	SSW	1.5	NE	.5	E	2	E	1.5
11	WNW	2.5	WNW	2.5	WNW	1.5	W	1.5	Calm	--------	Calm	--------
12	W	1.5	W	2.5	SW	3.5	S	1.5	S	2	Calm	--------
13	W	1.5	WSW	2	SW	1	SSE	3.5	SE	4.5	SE	1.5
14	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
15	SW	1	W	1.5	SSE	1	NW	1	ESE	1	E	1
16	SW	3.5	S	1	E	.5	ENE	3	Calm	--------	E	1
17	N	5	N	3	ENE	3	NE	3	NE	1.5	NNE	2
18	WSW	1	W	2.5	WNW	1	Calm	--------	SE	3	S	2.5
19	ESE	2	E	1.5	N	1	Calm	--------	Calm	--------	ESE	1
20	W	2.5	W	1.5	W	3	Calm	--------	SE	1.5	SE	1
21	NWbyW	1.5	W	.5	N	.5	E	2	E	1	Calm	--------
22	W	3	NW	.5	E	2	ESE	3.5	ESE	1.5	ESE	.5
23	ENE	1	NW	1	E	1.5	ESE	4	ESE	1.5	Calm	--------
24	Calm	--------	ESE	5	ESE	5.5	ESE	5	ESE	4	Calm	--------
25	W	3	W	2	W	2.5	W	1	Calm	--------	ESE	1.5
26	W	2.5	W	1.5	S	1.5	ESE	.5	SSE	4.5	SE	3.5
27	WNW	1.5	W	2.5	W	1.5	Calm	--------	SE	1.5	ESE	1.5
28	W	2	SW	2.5	WSW	2.5	WSW	5.5	WSW	5.5	WSW	4
29	W	.5	WSW	2	SSW	2.5	ESE	1	SE	1	SE	.5
30	W	1.5	W	1	W	1	W	2	Calm	--------	E	2
31	WNW	2.5	WNW	2	Calm	--------	Calm	--------	E	.5	EbyS	4
Mean	------------	2.1	------------	1.8	------------	1.6	------------	1.6	------------	1.5	------------	1.1

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	---------	E	0.5	ESE	0.5	E	0.5	E	1	NNE	1
N	1	NNE	1	NE	.5	Calm	---------	SW	1	W	3
NE	.5	NE	.5	NE	.5	ENE	.5	NE	.5	NE	.5
Calm	---------	Calm	---------	Calm	---------	ESE	3	ESE	2	EbyS	1.5
Calm	---------	Calm	---------	Calm	---------	Calm	---------	W	2	WbyS	2
Calm	---------	Calm	---------	Calm	---------	SW	1	W	1.5	W	1
NE	.5	Calm	---------	Calm	---------	Calm	---------	NW	2	W	2.5
Calm	---------	Calm	---------	Calm	---------	W	2.5	WNW	.5	W	3
NNE	1	NNE	1	N	3	Calm	---------	Calm	---------	SbyW	1.5
Calm	---------	Calm	---------	Calm	---------	W	1.5	W	1.5	W	2.5
Calm	---------	NNE	1	NNE	.5	Calm	---------	Calm	---------	Calm	---------
Calm	---------	Calm	---------	Calm	---------	W	1.5	W	3	WSW	1.5
Calm	---------	Calm	---------	S	1	S	1.5	WSW	2	WSW	3
Calm	---------	Calm	---------	E	1	SE	1	Calm	---------	Calm	---------
N	.5	NbyE	1.5	Calm	---------	Calm	---------	SSE	1	WSW	1.5
N	1	Calm	---------	Calm	---------	Calm	---------	W	3	SW	2
E	.5	E	2.5	Calm	---------	NE	1	ENE	3	ENE	9
N	1	NNE	1	Calm	---------	Calm	---------	W	4	WSW	2.5
N	2	N	2.5	NNE	2.5	Calm	---------	SE	2	SE	3
N	1	NbyE	1.5	NEbyN	1	Calm	---------	WNW	2	WNW	2
NNE	1	NNE	1.5	N	3	NE	1.5	WNW	3	NNW	.5
Calm	---------	Calm	---------	Calm	---------	Calm	---------	WNW	1.5	WNW	5
Calm	---------	Calm	---------	Calm	---------	SW	.5	W	3	W	2.5
NE	1	NE	1	N	.5	NW	1	NNE	.5	W	1.5
Calm	---------	N	.5	N	1.5	NNW	1.5	W	4	W	4.5
NE	1	Calm	---------	Calm	---------	NNW	1.5	W	3	W	3
Calm	---------	Calm	---------	Calm	---------	W	1.5	WNW	3	W	4
NE	.5	Calm	---------	NNW	1.5	NW	3.5	W	2.5	W	4.5
Calm	---------	Calm	---------	ENE	.5	SSE	1.5	Calm	---------	Calm	---------
Calm	---------	NNE	1.5	Calm	---------	W	1	SW	1.5	WSW	1
NE	.5	Calm	---------	Calm	---------	ESE	.5	N	1	WNW	1
------------	.4	------------	.6	------------	.6	------------	.9	------------	1.8	------------	2.3

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		12 m. n.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm	---------	N	0.5	NE	0.5	Calm	---------	Calm	---------	Calm	---------	1
Calm	---------	Calm	---------	ENE	1.5	Calm	---------	Calm	---------	Calm	---------	.9
ESE	2	Calm	---------	ESE	.5	Calm	---------	Calm	---------	Calm	---------	.6
Calm	---------	ESE	1	ESE	2	ESE	2.5	ESE	1.5	ESE	1.5	1.2
Calm	---------	Calm	---------	Calm	---------	SSE	1	Calm	---------	Calm	---------	.4
EbyS	.5	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	.9
ESE	.5	ESE	1	Calm	---------	Calm	---------	Calm	---------	Calm	---------	.6
ESE	1	SEbyE	1.5	SEbyE	.5	ESE	2	E	1.5	Calm	---------	1.2
NE	1	NE	1.5	NE	2	NE	.5	NE	1.5	NE	2	1
Calm	---------	EbyN	1	EbyN	1	EbyN	.5	EbyN	.5	Calm	---------	1
Calm	---------	NNE	1.5	NNE	.5	NNE	.5	Calm	---------	Calm	---------	.8
SSW	1.5	SSW	.5	Calm	---------	S	2	ESE	3	ESE	3	1.2
SSE	4	SSE	3.5	NNW	3	NNW	.5	NNW	1	NE	2	1.8
Calm	---------	SE	.5	Calm	---------	Calm	---------	Calm	---------	SE	1.5	.6
E	1	ESE	1	ESE	.5	Calm	---------	Calm	---------	ESE	.5	.6
E	1.5	ESE	2	E	2	Calm	---------	E	.5	Calm	---------	.9
NNE	2	NNE	1.5	NEbyN	1	NNE	1	E	1.5	Calm	---------	1.8
Calm	---------	SSE	1.5	SSE	1	Calm	---------	NW	2	NbyW	1.5	1.2
E	2.5	SE	3.5	E	1	E	1.5	E	1.5	SE	.5	1.7
ESE	3	SE	1.5	SE	1.5	SE	1.5	SE	1.5	Calm	---------	1.3
Calm	---------	SE	1	NE	1.5	E	1.5	Calm	---------	Calm	---------	1.2
ESE	1	ENE	1.5	E	2	ESE	3	ENE	1.5	E	1	1.2
ESE	3	ESE	1	ESE	1	ESE	1.5	ESE	1.5	NE	1	1.3
ESE	1	ESE	1.5	E	1	Calm	---------	Calm	---------	Calm	---------	1.4
ESE	.5	ESE	2.5	ESE	3.5	ESE	2	Calm	---------	Calm	---------	1.5
ESE	3	ESE	1	Calm	---------	Calm	---------	Calm	---------	ESE	1	1.2
ESE	1	ESE	1.5	ESE	1	ESE	2	ESE	1.5	ESE	1.5	1.1
WSW	2.5	W	2.5	N	4.5	N	6.5	N	5.5	N	3.5	2.5
SE	.5	ESE	1	ESE	1.5	ESE	1	Calm	---------	ESE	.5	1.4
E	1	E	1	E	1.5	E	.5	NNE	1	ENE	.5	.8
EbyS	1	E	2	E	1.5	E	1.5	E	2	NNE	1.5	1
------------	1.1	------------	1.3	------------	1.2	------------	1.1	------------	.9	------------	.7	1.1

WIND—FORCE IN KILOMETERS PER HOUR.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	5	4	7	7	2.5	3	3	1.5	2	1	4	4.5
2	4.5	3	4	5	7	5	4	4.5	4.5	2.5	3.5	7
3	0	4	2	2.5	.5	4.5	2	.5	3.5	6	5	6.5
4	1.5	2.5	1.5	.5	1	2.5	1.5	2	2	3.5	11	15
5	2	4.5	3.5	4	4	4	3.5	2	1	2	**10**	8.5
6	.5	1	3	4	5.5	3.5	3.5	2	.5	4.5	9	10.5
7	.5	0	.5	0	2	2	2	2	1	2	8	10
8	1	5	6	2.5	2.5	2	5	1	.5	6	10.5	9
9	1	1	2	4	6	6.5	6	10	14	**16.5**	7	5.5
10	4.5	4	2.5	4.5	6	5.5	2.5	1.5	0	5.5	11	9.5
11	4.5	4	3.5	6.5	4.5	6.5	7.5	5.5	11	4	8.5	8
12	0	2.5	3.5	1.5	1	1	1.5	.5	0	7	10	**13**
13	13	6	7	8	6	4	4	2	5	5	7	10
14	4.5	5	5	8.5	9.5	12.5	**13.5**	5	7.5	7.5	5	1
15	2.5	.5	4	1	2	5	4	4	1.5	2.5	5	8.5
16	3	3	4.5	5	2.5	4	5.5	2.5	4.5	5.5	9.5	5.5
17	2	5	3.5	3.5	1	4.5	4	5	5	6	7.5	16.5
18	1.5	2	3	5	6	8	7	6	6.5	3.5	11	**13**
19	4	13	10.5	7	7	9.5	12.5	14.5	15	8	10.5	12.5
20	3.5	4.5	6.5	6	6.5	6.5	6	8.5	8.5	4	11	11
21	1	.5	3.5	5.5	3.5	**12**	11	8	11	9	5.5	7.5
22	.5	1.5	0	.5	3	1.5	2	3.5	4	3.5	9.5	14
23	3	3.5	4.5	4.5	4.5	4.5	5	2.5	2.5	3.5	10	12.5
24	5	3	6	3	4	4.5	3.5	3	6	4	6.5	9
25	1	5	4	6.5	9	6	5	7	11	7	**18**	16
26	0	1.5	0	1.5	3	4	4	3.5	2.5	6	9	**12**
27	4.5	1	1.5	1.5	1.5	.5	0	.5	.5	4	12	**14**
28	2.5	.5	.5	1	0	.5	0	1	3	7.5	12.5	11.5
29	**17**	**17**	14	16	7.5	11	7.5	6.5	6.5	3	3.5	3
30	2	1.5	1	1.5	2	4	4	5	6	4	6	11.5
31	1	2.5	2	2	1.5	1	6	2.5	1	6.5	7.5	6.5
Mean	**3.1**	3.6	3.9	4.2	4	4.8	4.7	4	4.8	5.2	8.5	9.8

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. m.
1	10	10	10	9	10	10	10	10	9	8	9	8	9.4	**0 05**
2	10	9	9	8	4	9	10	10	10	10	10	10	9.1	2 30
3	10	10	10	10	10	10	9	9	9	6	7	4	8.7	2 10
4	7	8	8	8	7	5	6	5	6	6	8	4	6.5	8 30
5	9	10	10	10	10	10	10	10	10	10	10	10	**9.9**	0 30
6	10	9	10	9	9	9	7	4	6	6	3	2	7	7 30
7	4	5	7	8	7	4	3	4	5	4	5	5	5.1	7 45
8	8	6	5	2	4	8	7	8	7	5	6	4	5.8	5 45
9	3	8	7	5	8	9	7	9	10	10	4	4	7	4 45
10	7	6	7	5	9	4	7	6	8	6	4	3	6	8 15
11	6	6	8	8	9	6	7	6	7	6	3	2	6.2	6 25
12	3	2	2	1	3	3	2	2	2	4	3	7	2.8	**9 40**
13	7	5	5	5	4	4	4	5	4	5	4	4	4.7	8 55
14	10	10	10	9	7	9	9	10	10	7	10	10	9.2	1 05
15	9	9	10	10	8	9	9	10	9	8	9	5	8.8	2 25
16	5	5	5	6	7	5	8	9	9	8	7	8	6.8	6 35
17	7	4	9	9	9	10	8	8	6	4	5	9	7.3	4 45
18	4	1	1	0	4	7	7	9	10	10	10	10	6.1	6 30
19	10	10	7	7	5	4	2	5	7	5	4	6	6	7 35
20	1	3	6	7	6	4	4	3	3	7	6	6	4.7	8 00
21	9	6	3	3	10	9	10	10	10	10	10	10	8.3	4 25
22	5	3	3	4	6	7	4	6	4	3	4	3	4.3	8 20
23	1	1	3	3	4	10	8	9	8	8	7	10	6	7 25
24	7	7	7	6	5	5	10	7	5	5	6	4	6.2	8 50
25	4	1	1	1	3	3	8	8	7	8	9	8	5.1	6 30
26	5	2	2	3	4	6	7	8	9	7	6	7	5.5	8 55
27	2	2	1	2	3	4	8	6	9	9	7	2	4.6	6 55
28	4	0	3	3	2	1	3	2	2	2	2	1	**2.1**	**9 40**
29	3	2	4	8	10	9	9	7	6	6	2	4	5.8	5 25
30	5	5	6	9	3	5	6	6	5	6	6	10	6	7 45
31	10	9	7	10	10	10	10	10	8	9	9	10	9.3	3 00
Total														186 50
Mean	6.3	**5.6**	6	6.1	6.5	6.7	**7.1**	**7.1**	**7.1**	6.7	6.3	6.1	6.5	6 02

WIND—FORCE IN KILOMETERS PER HOUR.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
19.5	**20**	9	4.5	6.5	5	3	3.5	3	2.5	1.5	1	5.1
10.5	**22**	19	5	3	2.5	.5	1	5	3	.5	.5	5.3
8	2.5	3	5	4	8	**9.5**	3.5	.5	1	1.5	1.5	3.5
12.5	10	15	**21**	18.5	11	5.5	4	6.5	9.5	7	6	7.1
7	6	7	3.5	.5	.5	0	.5	0	3.5	1	1.5	**3.3**
11	11.5	**12**	9	11	7	2.5	2.5	1.5	.5	4.5	1.5	5.1
14.5	10.5	6.5	8	6	6	5	4.5	2.5	1	2	2	4.1
8.5	4	7	12	**15**	11	6	4.5	4	5	7.5	3	5.8
7	10	11	6.5	2	8	9.5	7.5	5	5	5	5.5	6.7
8	11.5	9.5	8.5	11.5	**12.5**	5.5	4	3.5	3	2	2.5	5.8
13.5	**19**	15.5	8	5	.5	1.5	4	6	3	1	.5	6.3
12	12	12.5	9	9.5	4.5	7	5.5	3.5	4.5	10.5	10.5	5.9
12.5	11	7.5	10	**17**	13	13	11	14	3	4.5	8	8.4
6	2	2.5	5	6.5	3	2.5	3.5	3	.5	0	.5	5
4.5	9	8.5	**9.5**	6.5	6	3	4	6.5	2.5	3	3.5	4.5
10.5	9.5	5	10	7	8	**10.5**	9	7	4	2.5	3	5.9
19	14.5	14	11.5	14	12.5	12.5	6.5	4	4.5	5	2	7.6
11.5	12.5	11	2.5	8	9.5	2	1	3	2	2	11	6.2
16	13.5	11.5	5	1	7.5	9.5	14.5	11	5.5	6.5	4	9.6
14	12	**15**	8.5	4.5	6	9.5	8	5.5	6	8	3	7.6
10	4	11	**12**	8	1	1	6	6	3	5	1.5	6.1
16.5	8	**16.5**	15	11	1.5	5.5	5	6	9.5	6.5	4.5	6.2
5.5	6	7.5	18.5	**19**	9.5	11	7.5	5.5	4	4.5	5	6.8
11.5	**23**	**23**	20	15	5	7	6.5	5	2.5	3	0	7.5
16	11.5	10.5	8	3	7.5	7	6.5	10	8	3	0	7.8
12	8	5	6	11	9	10	7	2	2.5	1.5	1.5	5.1
10.5	8	8	2	4.5	8	6	6.5	4	7.5	5	6	4.9
12.5	8.5	9.5	16	18	24	16.5	12	15.5	19	**25**	23	**10**
6	7.5	9	7	6.5	5	6.5	4	5.5	6	4.5	1	7.5
12.5	13.5	11	**14**	8	11.5	2.5	2	5	3.5	3.5	2	5.7
8.5	10.5	4	5.5	9.5	**11**	9.5	8	7	6	8.5	6	5.6
11.2	10.7	10.2	9.2	8.7	7.6	6.5	5.6	5.4	4.5	4.7	3.9	6.2

FREQUENCY OF THE WIND.

Day.	N.	NNW.	NW.	WNW.	W.	WSW.	SW.	SSW.	S.	SSE.	SE.	ESE.	E.	ENE.	NE.	NNE.	Calm.	Total wind velocity.	Rainfall.
																		Kms.	*mm.*
1	1											1	5	1	5	2	9	123.5	1.7
2	6		1		1		1							1	2	2	10	127	1.8
3	2		1							1		3	1	2	5	1	8	85	2.6
4									1		1	10					12	171	
5					2		2			1		3					16	**80**	
6					4	1	1				3	4	1				10	122	
7			2	2	1							4			2		13	98.5	
8				2	2						3	6	1	2		2	6	138.5	
9	1						2	1	1				2	1	7	4	5	161.5	
10		1			4			1					7		6		5	139	
11				3	1								1	1	2	6	10	151.5	
12					4	1	1	2	3			2				2	9	142.5	
13		3			1	3	1		2	3	2	5			1		3	201.5	4.1
14											3		2	2	3		14	119.5	2.3
15	1		1		1	1	1			2		4	2			2	9	107	
16	1		1		1		2		1			1	6	1			10	141	
17	2											1	6	3	4	4	4	183.5	
18	3		1	1	2	2			1	2	1		1			3	7	148.5	3.2
19	9										4	2	5			1	3	229.5	.9
20	1			2	3						7	5			1	1	4	182.5	
21	5	1	1	1	1						1		3		3	2	6	146.5	**27.5**
22			1	2	1							5	3	2	2		8	149	
23			1		2		1					7	3	3	2		5	164	
24	1		1		1							6	1		6	3	5	179	
25	2	1			6							5		1		2	7	186.5	
26		1			4				1	1	1	4			4		8	122.5	
27				2	4						1	7			1		9	117.5	
28	4	1	1		4	5	1								2		6	**240**	
29	6				1	1		1		1	3	5		1			5	181	
30					5	1	1						5	1		3	8	137.5	
31	1			3								3	5	4	1	1	6	134	2.7
Total	46	8	12	18	56	15	14	5	10	11	30	93	60	26	59	41	240	4,610.5	46.8
Mean	1.5	.3	.4	.6	1.8	.5	.5	.2	.3	.4	1	3	1.9	.8	1.9	1.3	7.7	148.7	1.5

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
1	761. 30	10–00a.	27. 2	0–50p.	**97**	21. 2	757. 85	3–30p.	21. 2	11–55p.	65	16. 5
2	61. 05	9–10a.	30. 2	1–05p.	91	19. 3	57. 30	2–15p.	21. 1	6–10a.	59	16. 1
3	60. 40	10–10a.	27. 8	4–30p.	**97**	22. 8	57. 68	3–00p.	21. 2	6–35a.	**81**	**19**
4	59. 80	8–55a.	**32. 9**	0–55p.	**97**	21. 9	56. 80	2–45p.	21. 5	6–35a.	60	18
5	**59. 45**	8–45a.	29. 4	2–40p.	92	21. 6	56. 80	2–30p.	19. 8	6. 10a.	66	16. 7
6	59. 75	8–55a.	31. 4	3–50p.	95	22. 2	57. 35	3–40p.	20. 8	6–20a.	60	18. 1
7	60. 04	9–00a.	31. 9	3–15p.	95	20. 9	57. 30	3–45p.	21. 2	6–45a.	61	18
8	61. 15	8–55a.	30. 8	1–55p.	92	20. 3	58. 05	2–50p.	20. 9	6–05a.	59	17. 4
9	62	11–35p.	30. 9	1–55p.	95	20. 6	59. 35	2–55p.	20. 3	6–40a.	62	16. 6
10	62. 25	8–30a.	31. 9	2–45p.	95	21. 9	58. 95	2–45p.	18. 9	4–55a.	64	15. 6
11	62. 10	9–15a.	30. 2	0–20p.	95	20. 8	59. 25	2–45p.	20. 3	6–20a.	64	17. 3
12	61. 20	8–55a.	30. 6	2–55p.	96	20. 3	57. 40	3–05p.	20. 2	6–10a.	64	17. 9
13	60. 45	8–30a.	30. 8	2–50p.	92	20. 2	56. 95	3–20p.	21. 3	3–45a.	64	18. 1
14	62. 38	9–00a.	27. 7	2–05p.	96	20	59. 05	3–00a.	20. 7	6–55a.	72	17. 9
15	63. 05	9–35a.	28. 3	1–15p.	93	18. 4	**59. 95**	3–30p.	19. 8	11–55p.	66	16
16	62. 80	8–30a.	29. 2	2–50p.	93	17	59. 25	3–10p.	**18. 2**	5–25a.	57. 5	15
17	62. 05	9–25a.	27. 3	4–05p.	91	**16. 9**	59. 10	4–45p.	19. 4	2–20a.	55	**13. 9**
18	61. 50	9–30a.	30	1–15p.	94	20. 7	58. 80	2–55p.	18. 9	3–50a.	61	15
19	62. 55	11–05p.	32. 1	2–20p.	96	22. 6	59. 10	3–30p.	**21. 8**	11–55p.	62	18. 4
20	**63. 20**	9–00a.	31. 1	2–30p.	93	20. 5	59. 55	3–40p.	19. 7	6–10a.	63. 5	17. 1
21	62. 65	9–05a.	29. 5	10–25a.	96	**23**	59. 15	3–40p.	21	5–05a.	64	18. 2
22	62. 40	9–00a.	30. 9	3–25p.	96	20. 9	59. 25	4–50p.	21. 2	11–55p.	**52**	16
23	62	9–15a.	30. 7	2–55p.	90	20	59. 18	3–00p.	18. 4	6–45a.	62. 5	15
24	61. 65	0–10a.	31. 8	0–45p.	94	19. 3	58. 40	3–05p.	18. 5	6–40a.	56	16. 7
25	61. 40	9–20a.	30. 5	3–15p.	**88**	20. 9	58. 05	3–50p.	20	0–50a.	64. 5	16. 7
26	61. 50	9–10a.	31	3–15p.	96	20. 8	58. 30	3–30p.	20. 3	6–40a.	66	17. 7
27	60. 95	8–50a.	31. 3	2–25p.	95	20. 4	58. 15	3–15p.	20	6–05a.	59	16. 3
28	60. 35	9–05a.	31	2–35p.	91	21. 3	**56. 65**	3–30p.	18. 9	6–40a.	67	16. 2
29	60. 15	9–30a.	29. 5	3–10p.	91	20. 7	57. 25	3–35p.	20. 7	6–55a.	69	16. 8
30	60. 75	9–20a.	30	3–10p.	94	18. 7	57. 45	3–55p.	19. 1	6–45a.	60	15. 8
31	61. 25	10–40a.	**27**	11. 50a.	92	19. 6	58. 70	3–45p.	20. 4	5–50a.	71	15. 6
Mean	761. 40	-------	30. 2	-------	93. 8	20. 5	758. 27	-------	20. 2	-------	63. 1	16. 8

DAILY GENERAL REMARKS.

1----d in the morning; gusty NE winds at 0. 55 p.
2----⊕; d in the afternoon; ●^{0} at night.
3----●^{0} in the morning; d in the afternoon.
4----♎^{2}, ≡ a.
5----♎^{0}, ≡ a.
6----Slight coloration of upper clouds at sunset.
7----♎, ≡ a.
8----♎, ≡ a.
9----Convergence of Ci. toward north in the morning.
10----⊔^{0}, ♎, ≡ a.; coloration of upper clouds at sunrise and sunset.
11----≡ a.
12----♎^{0}, ≡ a.; ⌒ p.
13----≡ a.; ● at night.
14----≡, ● in the morning; d^{0} in the afternoon.
15----≡ a.
16----♎, ≡ a.
17----d^{0} in the afternoon.
18----♎, ≡ a.; coloration of clouds at sunrise; d^{0} 2. 50 p.; ●^{0} at night.
19----≡, ●^{0} in the early morning.
20----♎^{2}, ≡ a.
21----T^{2} NE quad., ●^{2} in the afternoon.
22----≡, convergence of Ci. toward S in the morning.
23----♎^{2}, ≡ a.
24----♎, ≡ a.; convergence of Ci. toward SSE in the afternoon, coloration of Ci. at sunrise and sunset.
25----≡ a.
26----Coloration of Ci. at sunset.
27----♎^{0}, ≡ a.; coloration of Ci. at sunset.
28----♎, ≡ a.; coloration of upper clouds at sunrise.
29----♎, ≡, d^{2} in the morning.
30----♎, ≡ a.
31----● in the morning and afternoon.

OBSERVATIONS FOR FEBRUARY, 1909.

ATMOSPHERIC PRESSURE, 700 mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.85	59.45	58.75	58.80	59.15	59.72	60.11	60.48	**61.05**	60.99	60.46	59.92
2	59.95	59.65	59.25	59.25	59.45	59.92	60.48	61.24	**61.69**	**61.69**	61.35	60.62
3	59.45	59	58.80	58.80	59.05	59.25	59.54	60.36	60.95	**61.03**	60.54	60.07
4	59.95	59.80	59.55	59.45	59.65	59.86	60.33	60.95	61.33	61.30	60.87	60.52
5	60.95	**60.75**	60.85	60.85	61.05	61.42	62.07	62.58	**62.98**	62.94	62.60	62.14
6	62.55	62.05	61.80	61.75	61.70	62.14	62.50	62.83	**63.10**	63.04	62.95	62.47
7	62.95	62.65	62.50	62.60	62.80	62.99	63.41	63.60	**63.74**	63.52	62.89	62.28
8	63.10	62.80	62.60	62.70	62.75	62.95	63 ·41	63.73	**63.81**	63.63	62.89	62.10
9	62.50	62.25	62.40	62.35	62.25	62.53	63.16	63.54	**63.88**	63.51	62.84	62.15
10	62.55	62.35	62.05	62	62.20	62.54	62.98	63.45	**63.69**	63.54	62.80	61.98
11	61.85	61.70	61.60	61.80	62.05	62.81	63.25	63.76	**63.85**	63.68	62.95	62.34
12	62.20	61.85	61.70	61.85	62	62.54	62.98	63.50	**63.73**	63.58	63.05	62.64
13	62.75	62.20	61.65	61.50	61.80	62.24	62.85	63.14	**63.28**	63.10	62.47	61.89
14	61.95	61.45	61	61	61.35	61.91	62.41	62.94	**63.20**	62.87	62.42	61.46
15	60.55	60	59.60	59.45	59.55	60.05	60.79	61.70	61.94	**61.95**	61.42	60.82
16	60.85	60.35	59.90	59.95	60.20	60.67	61.36	61.85	**62.23**	62.02	61.69	61.29
17	60.90	60.60	60.15	59.95	60.15	60.42	60.69	61.19	**61.78**	61.58	60.72	60.14
18	60.40	60.05	59.80	59.70	59.85	60.30	60.51	60.78	**61.07**	61.05	60.67	60.24
19	59.45	59.30	59.05	59.05	59.30	59.56	59.99	60.18	60.49	60.68	60.28	59.71
20	60.45	60.05	59.85	59.60	59.50	59.90	60.01	60.15	**60.46**	60.44	59.97	59.43
21	59.85	59.80	59.75	59.65	59.80	59.97	59.99	60.17	60.17	59.94	59.66	59.44
22	59.75	59.40	59.40	59.25	59.30	59.60	59.92	60.36	**60.64**	60.56	60.14	59.50
23	59.65	59.40	59.15	59.35	59.45	59.78	60.32	60.87	60.97	**61.05**	60.75	60.08
24	59.65	59.10	59	59	58.95	59.04	59.54	59.95	**60.19**	59.97	59.39	58.79
25	59.40	59	58.90	59	59.35	59.93	60.31	60.57	**60.77**	**60.77**	60.28	59.52
26	59.85	59.40	59.15	59.30	59.55	60.06	60.41	61.09	61.53	**61.77**	61.35	60.74
27	60.45	59.90	59.80	59.95	60	60.30	60.73	61.10	**61.50**	61.45	61.04	60.43
28	59.80	59.45	59.30	59.30	59.50	59.89	60.60	61.08	61.15	**61.33**	60.82	60.15
Mean	60.84	60.49	60.26	60.26	60.42	60.80	61.24	61.68	**61.97**	61.89	61.40	60.82

TEMPERATURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	20.8	20.5	19.8	19.3	19	**18.8**	18.9	22.4	25.1	26.5	26.5	26.8
2	20.9	20.5	20	19.8	19.4	**18.8**	19	20.7	22.6	25.6	26.5	27.2
3	21.2	20.5	20.2	19.8	**19.7**	19.8	20	22.4	24.2	26.1	28	27.4
4	21.3	21.1	20.3	19.9	19.5	**19.3**	19.5	22.5	25.1	26.4	28	28.9
5	22.7	22.2	**21.4**	21.7	22.5	22.7	23	24	25.6	27	27.5	28.7
6	**21**	21.6	21.9	21.9	21.9	21.5	21.9	24	26	**27**	24.5	24.7
7	**20.8**	20.9	21.2	21.3	21.6	21.3	21.5	24	25.7	27.2	29.5	29.9
8	21.2	21.6	21.4	20.6	20.2	**20**	**20**	22.5	25.6	28	29.4	**30.8**
9	20.4	19.7	19.7	19.3	19.2	**19**	19.3	22.7	25.8	27.8	28.3	27.8
10	21.3	20.6	20.2	20.1	19.7	**19.5**	**19.5**	22.1	25	26.1	27	27.9
11	21.5	20.6	**20.3**	20.6	21.5	20.9	21.9	24.4	26.3	26.5	28.3	27.8
12	21.6	21.5	21.5	21.2	20.6	**20.5**	20.6	23.5	25.2	27.8	28.4	28
13	22.4	22.6	22.6	**22.3**	22.4	22.4	23.2	25	26.1	27	26.8	27.2
14	23.4	23.4	23.4	23	22.9	**22.7**	23.1	24.4	25.5	27.6	28.7	30.3
15	22.9	22.2	22	22.1	22	**21.7**	22.2	23.3	23.6	25.4	27	26.5
16	22.6	21.9	21.8	21.7	21.4	**21.3**	22	25	27.2	27.5	27.5	28.7
17	23.2	22.7	22	21.8	21.6	**21.2**	21.3	24.2	26.6	27.1	28.9	28.8
18	23.1	22.3	**22.2**	22.6	22.3	22.5	23	24.6	26.3	27.1	29.4	28.1
19	24.4	24	23.7	23	**22.9**	23	23.3	26.1	28.1	27.5	28.2	30.2
20	23.6	23.4	23.3	22.9	22.4	**22.3**	22.5	25	26.6	27.7	29.2	30.5
21	25.2	25.1	25.2	25.2	24.9	24.5	24.7	27.6	27.9	28.8	29.8	28.2
22	24.1	23.4	23.3	22.8	22.4	**22.1**	23	25.4	27.5	29.3	28.9	30
23	24.4	24.3	23.2	**22.7**	22.8	**22.7**	**22.7**	25.8	27.9	28.8	28.5	29.3
24	24.1	24.5	23.7	23	22.9	**22.5**	23.1	26.2	28.9	29	31.5	32.3
25	24.2	23.2	22.5	22.6	22.5	**22.1**	23	25.8	27.3	28.9	29.1	30.7
26	23.8	23.4	22.3	21.7	**21.4**	21.8	22.7	25	27.6	29.3	30.5	30.4
27	23	23.4	22.9	21.5	**20.8**	**20.8**	21.7	24.8	28.4	28.5	28.8	30.1
28	23.6	23	22.5	22.4	21.3	21.2	22.1	25.1	27.9	30.3	30.9	31
Mean	22.6	22.3	21.9	21.7	21.5	**21.3**	21.7	24.2	26.3	27.6	28.4	28.9

ATMOSPHERIC PRESSURE, 700$^{\mathrm{mm}}$+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
59.42	58.46	**58.03**	58.16	58.74	59.36	59.99	60.40	60.80	60.85	60.70	60.45	59.75
59.76	59.08	**58.74**	58.81	58.96	59.16	59.48	59.65	60.05	60.10	60.10	59.85	59.93
59.38	58.74	58.39	**58.33**	58.63	59	59.31	59.65	59.95	60.20	60.20	60.10	59.53
59.97	59.41	**59.11**	59.34	59.79	60.37	60.73	61.15	61.30	61.45	**61.65**	61.35	60.38
61.51	61.04	61.05	61.29	61.85	62.03	62.20	62.45	62.75	62.85	62.90	62.75	61.91
61.88	61.23	**60.80**	60.99	61.73	62.05	62.30	62.45	62.80	62.90	63	63	62.25
61.42	60.76	**60.68**	60.97	61.41	62.04	62.49	62.70	63.15	63.40	63.45	63.45	**62.58**
61.63	61.09	**60.79**	60.97	61.41	61.74	61.99	62.15	62.35	62.45	62.50	62.60	62.42
61.50	60.90	**60.61**	60.68	60.97	61.32	61.66	61.95	62.35	62.55	62.70	62.90	62.23
61.27	60.78	**60.49**	60.64	61.17	61.82	62.22	62.55	62.55	62.60	62.35	62.10	62.19
61.38	60.69	**60.18**	60.33	60.67	61.31	61.92	62.25	62.60	62.65	62.70	62.35	62.11
61.87	61.23	60.99	**60.86**	61.48	61.99	62.58	62.95	63.30	63.20	63.05	62.95	62.42
61.32	60.65	**60.41**	60.55	60.98	61.54	61.94	62.50	62.90	62.85	62.70	62.50	62.07
60.71	60.23	**59.74**	59.84	60	60.38	60.90	61.35	61.45	61.55	61.40	61.05	61.36
60.04	59.33	58.93	**58.87**	59	59.49	60.13	60.85	61.55	61.30	61.50	61.35	60.42
60.48	59.60	59.19	**59.18**	59.36	59.82	60.51	61.05	61.40	61.85	61.85	61.70	60.76
59.54	58.77	58.48	**58.44**	58.83	59.32	60.03	60.45	61	61.40	61.20	61	60.28
59.34	58.56	58.13	**58.06**	58.29	58.76	59.03	59.40	59.80	60	59.95	59.85	59.73
58.77	58.03	**57.69**	58.82	58.97	58.93	59.68	60.05	60.55	60.85	60.85	**60.95**	59.63
58.84	58.36	**57.52**	57.91	58.62	58.57	58.74	59.50	60.30	60.35	60.30	60.10	59.54
58.88	58.36	**57.62**	57.78	57.90	58.12	58.87	59.25	59.95	**60.20**	**60.20**	60.05	59.39
59.03	58.29	58.03	**57.91**	58.08	58.42	59.03	59.70	60	60.15	60.25	59.95	59.44
59.48	59.02	58.41	**58.29**	58.59	58.72	59.08	59.70	59.80	60	59.95	59.85	59.65
58.06	57.76	**57.62**	57.82	57.96	58.38	58.99	59.45	59.80	59.90	59.80	59.65	**59.07**
58.79	58.22	**57.99**	**57.99**	58.15	58.67	59.24	59.90	60.30	60.50	60.45	60.25	59.51
60.18	59.54	59.15	**59.12**	59.22	59.56	59.97	60.40	60.85	61.05	61	60.75	60.21
59.75	59.09	58.38	**58.32**	58.58	59.08	59.43	60	60.45	60.55	60.50	60.20	60.04
59.26	58.62	**57.90**	**57.90**	58.02	58.54	58.79	59.55	60	60.45	60.40	60	59.66
60.12	59.49	**59.11**	59.22	59.55	59.95	60.40	60.84	61.22	61.36	61.34	61.18	60.66

TEMPERATURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
26.1	**29.1**	**29.1**	28	27	25.9	24.8	24.5	23.5	23.3	22.4	21.7	23.7
27.7	28.1	**28.5**	27.4	27.4	25.7	24.9	23.8	23	22.7	22.1	21.6	**23.5**
27.1	29	**29.5**	**29.5**	28.2	26.4	25	24.2	23.7	22.5	21.9	21.5	24.1
30.2	30.5	**31.5**	30.4	28.8	26.5	25.9	25	23.9	23.5	23	23	24.8
29.7	27.5	26.9	27.5	26.3	25.4	24	23.5	22.4	21.9	21.7	**21.4**	24.5
24.9	26.2	25.6	26.6	26	25.5	25.1	24	22.7	22.1	21.6	21.3	23.7
30.6	**30.6**	29.6	28.5	27.7	25.6	24.3	23.6	24	22.7	22.5	21.4	24.8
29	30	30.5	29.4	27.2	25.4	24.1	23.5	22.7	22.7	21.7	21.1	24.5
28	29.2	**29.8**	29.2	28.3	26.5	25.3	24.6	23.7	23.1	22.6	22	24.2
27.7	28.5	**30.4**	28.7	27.4	25.9	25.1	23.4	22.4	21.7	22.2	22.2	23.9
29.2	29.6	**30.1**	28.6	29	27	25.8	24.6	23.5	23.3	22.5	22.1	24.8
27.5	28.7	27.9	**28.8**	27.4	26.1	24.5	24.3	23.9	23.4	23.3	22.7	24.5
27.2	**27.3**	26.5	26.4	25.9	25.4	24.9	24.4	23.9	23.4	23.5	23.1	24.7
30.7	29.4	27.8	26.8	25.5	24.7	24.3	24.1	23.5	23.1	23.2	23.3	25.2
27.7	27.7	27.2	28.1	**28.8**	27.3	26	25	24.3	24.3	23.7	23.2	24.8
28.5	29.9	**30**	28.6	28.3	27.2	25.7	24.8	24.4	24.1	24	23.5	25.3
28.7	**29.9**	**29.9**	28.8	28.1	26.7	25.8	25	24.9	24.8	24.1	23.4	25.4
30.9	**32**	30.7	30.2	29.3	27	26.1	25.9	25.2	24.8	24.5	24.5	26
30.4	**32.1**	30.8	26.8	25.4	25.3	25.1	25.2	24.9	24.6	24.4	24	26
31	32.3	**33.8**	30.3	29.7	28.3	27.5	27.1	27	26.9	26.2	25.5	26.9
29.2	29.4	30.4	**30.6**	29.5	27.9	26.5	25.9	25.1	24.4	24.7	**24.3**	26.9
29.5	30.4	30.8	**31.2**	29.9	28.7	27.3	26.3	25.7	25.2	24.8	24.4	26.5
28.8	30.3	31.7	**31.8**	29.8	28.1	27.2	26.5	25.9	25.2	25	24.6	26.6
33.2	33	32.7	32	30.3	28.3	27	26.1	25.5	25.1	24.7	24.7	**27.3**
30.9	**33.3**	**33.3**	32.5	30.8	28.8	27.4	26.6	26.2	25.7	25.1	24.8	27
31.5	31.6	**32.5**	31.7	29.8	27.9	26.7	25.4	24.4	24.1	23.6	23.7	26.4
31.1	31.6	**32.1**	30.5	29	27.5	26.6	25.8	25.3	24.5	24	23.9	26.1
31.1	32	**32.7**	31.3	29.7	27.7	26.6	25.1	24	23.2	22.4	21.8	26.2
29.2	30	**30.1**	29.3	28.2	26.7	25.7	24.9	24.3	23.8	23.4	23	25.3

RELATIVE HUMIDITY.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	87	87	87	88	90	89	**91**	79	70	69	66	62
2	84	86	88	87	88	**91**	**91**	84	78	67	65	**60**
3	94	93	94	**96**	94	95	95	86	78	72	72	72
4	91	89	92	93	94	**95**	**95**	87	75	74	67	61
5	85	86	91	**92**	**92**	**92**	91	87	79	66	63	59
6	91	91	90	90	91	93	92	83	75	**73**	**94**	**94**
7	93	**94**	93	93	92	93	93	82	71	66	56	54
8	79	80	81	84	87	88	**91**	82	70	59	51	**49**
9	91	**94**	93	93	93	**94**	92	80	69	61	**59**	60
10	88	91	92	91	93	91	**94**	85	73	67	64	64
11	84	90	91	93.5	88	**94**	87.5	76	72	68	62	65
12	84	84	84	85	87	87	**90**	80	73.5	64	62	59
13	**79**	78	77	77	76	74	72	67	62	59	58	**57**
14	74	74	74	78	79	80	77	74	69	59	56	52
15	89	91	92	92	**93**	**93**	**93**	81	83	80	73	75
16	87	88	89	88	90	90	**91**	79.5	70	69	67	66.5
17	88	89	92	**93**	91	**93**	**93**	82	71	72	68	70
18	88	91	91	**92**	90	90	89	84	78	70	68	74
19	84	86	87	**89**	**89**	**89**	88	80	72	76	73	63
20	90	90	90	92	**95**	94	**95**	89	82	79	71	68
21	85	87	90	89	91	90	**92**	81	79	76	71	77
22	90	92	91	93	95	**96**	92	81	74	65	65	65
23	81	80	86	**89**	87	88	87	77	70	66	67	66
24	84	82	85	87	87	**89**	86	75	66	62	57	52
25	86	87	87	86	89	**90**	87	76	71	68	68	63
26	82	84	88	89	**90**	89	84	75	59	50	56.5	53
27	79	75.5	77	**83**	**83**	82.5	82	71	62	60	56	53
28	76	79	79	77	**83**	**83**	81	73	60	49	50	49
Mean.	85.5	86.4	87.5	88.6	89.2	**89.7**	89	79.9	71.8	66.6	64.5	62.9

VAPOR PRESSURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	15.9	15.6	14.9	14.7	14.8	**14.4**	14.8	15.9	16.5	**17.8**	16.9	16.3
2	15.5	15.4	15.3	14.9	14.8	**14.7**	14.9	15.3	16	16.4	16.7	16.1
3	17.5	16.8	16.6	16.5	**16.1**	16.4	16.6	17.3	17.6	18	**20.3**	19.5
4	17.1	16.6	16.4	16.1	15.9	**15.8**	16	17.6	17.8	19	18.7	18
5	17.5	17.1	17.2	17.7	18.6	18.9	19	**19.3**	**19.3**	17.5	17.2	17.4
6	**16.8**	17.4	17.6	17.6	17.8	17.7	17.9	18.4	18.7	19.3	21.5	**21.8**
7	16.9	17.2	17.3	17.4	17.6	17.4	17.7	**18.2**	17.4	17.7	17.3	17
8	**14.8**	15.4	15.4	15.2	15.3	15.3	15.7	16.7	17.1	16.7	15.5	16.1
9	16.3	16.1	15.9	15.5	**15.4**	**15.4**	**15.4**	16.4	17	17	16.9	16.8
10	16.6	16.4	16.3	15.8	15.9	**15.4**	15.9	16.8	17.1	16.8	16.9	17.9
11	**16**	16.2	**16**	16.9	16.8	17.2	17.1	17.3	18.3	17.6	17.6	17.9
12	16.1	16	16	16	15.7	15.6	16.2	17.3	17.5	17.7	**17.9**	16.7
13	15.9	15.8	15.6	15.5	15.3	**14.9**	15.3	15.7	15.5	15.5	15.3	15.2
14	15.8	15.8	15.8	16.2	16.3	16.4	16.2	16.8	16.8	16.2	16.4	16.8
15	18.4	18.1	18	18.2	18.2	17.9	18.5	17.2	18	19.4	19.3	19.3
16	17.7	17.3	17.3	17	17	**16.9**	17.9	18.7	18.8	18.9	18.3	19.4
17	18.6	18.3	18	18	17.4	**17.3**	17.4	18.3	18.5	19.1	20.1	**20.6**
18	18.4	18.2	**18.1**	18.7	**18.1**	18.3	18.5	19.3	19.8	18.7	**20.8**	**20.8**
19	19.1	19.2	19	18.5	**18.4**	18.5	18.7	20.1	20.4	20.6	20.8	20.1
20	19.4	19.3	19.2	19.1	19.1	**18.8**	19.2	21	21.1	21.9	21.4	21.9
21	20.3	20.5	21.4	21.2	21.2	20.5	21.2	22.1	22.2	22.4	22.2	22
22	20	19.7	19.4	19.2	19.1	18.9	19.2	19.6	20.2	19.7	19.3	**20.5**
23	18.3	18	18.2	18.2	17.9	18	**17.8**	19	19.6	19.4	19.4	19.9
24	18.7	18.6	18.6	18.1	18	17.9	18.1	18.9	**19.6**	18.3	19.5	18.6
25	19.2	18.4	17.6	**17.5**	18.1	17.8	18.1	18.8	19.2	20.1	20.4	**20.8**
26	18	17.9	17.5	17.2	17	17.3	17.3	17.6	16.2	**15.2**	18.3	17.1
27	16.4	16.2	16	15.8	15.2	**15.1**	15.8	16.5	**17.7**	17.3	16.6	16.7
28	16.6	16.4	16	15.6	15.6	**15.5**	15.9	17.2	16.8	15.8	16.8	16.3
Mean.	17.4	17.3	17.2	17.1	17	**16.9**	17.2	18	18.2	18.2	**18.5**	**18.5**

RELATIVE HUMIDITY.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
58	51	**50**	54	60.5	62	71	71	77	76	81	80	73.2
62	**60**	**60**	63.5	70	75	80	81	86	86	88	**91**	78
75	67.5	66	**64**	65.5	73	79.5	82	82	89	92	90	81.9
60	61	57	**55**	62	67	67	73	79	80	84	84	76.8
58	61.5	62	59	66	70.5	76	79	83	86	88	89	77.5
90	82	87	82	85	86	83	82	88	91	91	91	**87.3**
44	**43**	47	51	54	59	64.5	69	68	77	77	81	71.4
53	53	52	57.5	65	71	80	79	82.5	83	88	**91**	73.2
59	61	61.5	64	66	70.5	78	79	84	84	85	88	77.5
64	64	**53**	56	59	65	67	75	77	80	82	83	75.8
59	58	**56**	66	61	61	65	70	75	76	81	82	74.2
60	**55**	55.5	56	60	64	74	72	73	75.5	73	78	72.3
60	61	62	61.5	62	64	66	70	71	74	73	76	68.2
51	52.5	57	64.5	71	76	78	80	81	84	85	**87**	71.4
75	75	78	72	**58**	62	68	73	76	77	81	83	79.7
66	**60**	62	65	72	73	78	81	83	83	87	87	78
65	**58**	61	62	71.5	75	80	80	80	81	85	86	78.6
62	**58**	61	62	64	72	78	78	82	83	85	84	78.1
64	**61**	62	77	80	83.5	85	85	85	87	87	**89**	80.1
65	60	**56**	67	70	77	79	81	81	75	82	86	79.8
75	77	**69**	72	78	79	84	84	88	89	89	90	82.6
67	62	60	**59**	63	68	73	77	80	80	82	80	77.1
67	60	**56**	58	65	72	74	76	78	81	81	83	74.8
47	45	**42**	46	53	62	69	74	77.5	80	82	83	69.7
60.5	51	**48**	51.5	56	64	69	73	73	75	78	79	72.3
56	52	49	**47**	52	60.5	62	68	72	74	75	74	68.4
52	51	**49**	54	58	64	68.5	71	72	75	75	75	67.9
50	49	**47**	48	53.5	63	66	70	72	74	77	80	**66.2**
61.6	58.9	**58.1**	60.5	64.3	69.2	73.7	76.2	78.8	80.6	82.6	83.9	75.4

VAPOR PRESSURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
14.7	15.3	14.9	15.1	16	15.5	16.5	16.3	16.6	16.2	16.3	15.5	15.7
17.2	17	17.5	17.2	**18.9**	18.5	18.8	17.8	18	17.6	17.5	17.4	16.6
19.9	20	20.1	19.7	18.6	18.8	18.7	18.5	17.9	17.9	17.9	17.2	18.1
19.1	**19.7**	19.5	17.9	18.2	17.3	16.7	17.1	17.4	17.3	17.6	17.6	17.5
17.9	16.8	16.3	**16.1**	16.8	17	16.8	17	16.8	16.7	17	16.9	17.4
21	20.6	21.2	21.1	21.3	20.9	19.8	18.2	18	18	17.4	17.1	19
14.4	**14**	14.4	14.8	14.9	14.3	14.6	14.9	15.1	15.7	15.5	15.4	16.1
15.9	16.6	16.8	17.5	17.4	17.2	**17.8**	17	16.9	17.1	17	16.9	16.4
16.7	18.4	19.2	**19.4**	18.8	18.1	18.7	18.2	18.3	17.7	17.3	17.4	17.2
17.6	**18.4**	17.1	16.3	16	16.2	15.8	16	15.6	**15.4**	16.4	16.6	16.5
17.8	18	17.7	**19.3**	18.1	16.2	16.1	16.1	16.1	16.2	16.4	16.3	17
16.3	16.1	**15.5**	16.6	16.3	16.1	16.9	16.3	16	16.2	**15.5**	15.9	16.4
16.1	**16.4**	15.8	15.7	15.5	15.5	15.4	15.9	15.7	15.8	15.8	16	**15.6**
16.7	16	**15.7**	16.9	17.3	17.6	17.7	17.8	17.5	17.6	18	**18.5**	16.8
20.7	20.7	**20.8**	20.4	16.9	**16.8**	17	17.3	17.2	17.3	17.7	17.5	18.4
19.2	18.7	19.4	19	**20.5**	19.6	19.2	18.8	18.9	18.5	19.3	18.7	18.5
19.1	18.2	19.1	18.2	20.2	19.5	19.7	18.9	18.8	18.8	18.9	18.4	18.7
20.7	20.4	20	19.9	19.5	19.2	19.5	19.5	19.5	19.4	19.4	19.2	19.3
20.6	**21.8**	20.5	20.1	19.4	20	20.1	20.3	19.9	19.9	19.7	19.7	19.8
21.6	21.7	21.8	21.5	21.6	**22.1**	21.6	21.6	21.5	19.8	20.6	20.9	20.7
22.6	23.5	22.3	23.6	**23.8**	22.2	21.6	20.8	20.7	**20.2**	20.6	20.3	**21.6**
20.5	20	20	20	19.7	19.8	19.5	19.6	19.6	19.2	19	**18.2**	19.6
19.6	19.2	19.6	20.3	20.2	**20.4**	19.8	19.5	19.3	19.3	19.1	19.2	19.1
17.8	16.8	**15.3**	16.3	16.9	17.6	18.2	18.6	18.8	18.9	18.9	19.1	18.2
20.1	19.4	18.4	18.7	18.5	18.8	18.7	18.8	18.3	18.3	18.5	18.3	18.8
19.1	18	17.9	16.4	16.3	16.9	16.1	16.3	16.4	16.4	16.2	16.2	17
17.4	17.5	17.3	17.4	17.4	17.4	**17.7**	17.5	17.3	17.1	16.7	16.5	16.8
16.8	**17.4**	**17.4**	16.5	16.6	17.4	17	16.5	16	15.6	15.6	**15.5**	16.4
18.5	18.4	18.3	18.3	18.3	18.1	18.1	17.9	17.8	17.6	17.7	17.6	17.8

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	A.-Cu.	------	Ci.	------	Ci.	------	Ci.	------	Ci.	------	------	------
2	Ci.	------	Ci.	------	Ci.	------	Ci.	------	Ci.-S.	------	Ci.	------
3	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	------	------	Ci.-S.	------	------	------
4	Ci.-S.	------	Ci.	------	Ci.	------	Ci.	------	Ci.	------	Ci.	------
5	------	------	------	------	------	------	------	------	------	------	Ci.	------
6	Ci.	------	Ci.	------	Ci.-S.	------	------	------	------	------	------	------
7	Ci.-S.	------	Ci.-S.	------	Ci.	------	Ci.	------	Ci.-S.	------	Ci.-S.	------
8	Ci.	------	Ci.	------	Ci.	------	Ci.	------	Ci.	------	Ci.	------
9	Ci.-S.	S	Ci.-S.	S	Ci.-S.	S	Ci.-S.	S	Ci.-S.	------	Ci.-S.	------
10	Ci.-S.	------	Ci.	------	Ci.	------	A.-Cu.	------	Ci.	------	Ci.	------
11	A.-Cu.	------	Ci.-S.	------	Ci.	------	------	------	------	------	------	------
12	------	------	A.-Cu.	NEbyE	A.-Cu.	NEbyE	A.-Cu.	------	A.-Cu.	SE	------	------
13	------	------	A.-Cu.	------	A.-Cu.	------	A.-Cu.	------	------	------	------	------
14	Ci.-S.	------	A.-Cu.	------	Ci.-S.	------	Ci.-S.	------	Ci.	------	Ci.-S.	------
15	A.-Cu.	------	------	------	------	------	------	------	A.-Cu.	------	------	------
16	A.-Cu.	------	A.-Cu.	------	A.-Cu.	W	A.-Cu.	W	A.-Cu.	------	Ci.-S.	------
17	Ci.	------	Ci.	------	Ci.	SSE	Ci.-S.	SSE	Ci.-S.	SSE	Ci.-S.	------
18	Ci.	------	Ci.	------	A.-Cu.	EbyN	Ci.-S.	------	A.-Cu.	------	A.-Cu.	------
19	Ci.	------	Ci.	NNE	Ci.	NNE	Ci.-Cu.	------	Ci.-S.	------	Ci.-S.	------
20	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	Ci.	------	Ci.	------	Ci.-Cu.	------
21	------	------	------	------	------	------	Ci.-Cu.	------	A.-Cu.	------	Ci.-S.	------
22	Ci.-S.	SW	Ci.	------	Ci.-S.	------	Ci.-S.	------	------	------	Ci.-S.	------
23	Ci.	------	Ci.	------	Ci.-S.	SW	Ci.-S.	------	Ci.-S.	SWbyS	Ci.-S.	------
24	Ci.	SW	Ci.	SW	Ci.	------	Ci.	------	Ci.	------	Ci.	------
25	Ci.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	A.-Cu.	------	Ci.	------
26	------	------	------	------	------	------	------	------	------	------	------	------
27	A.-Cu.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	Ci.	------	Ci.	------
28	Ci.	------	Ci.	------	Ci.	------	Ci.	------	Ci.	------	Ci.	------

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.	------	S.-Cu.	------	S.-Cu.	------	Cu.	E	Cu.	E	Cu.	E
2	Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	------
3	Cu.	------	S.-Cu.	E	S.-Cu.	E	S.-Cu.	E	S.-Cu.	E	S.-Cu.	E
4	------	------	Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	------
5	N.-cf.	------	S.-Cu.	------	S.-Cu.	ENE	S.-Cu.	ENE	N.-cf.	ENE	N.-cf.	ENE
6	S.-Cu.	------	Cu.	------	Cu.	ENE	Cu.-N.	ENE	N.	------	N.	------
7	S.-Cu.	ENE	Cu.	------	S.-Cu.	------	Cu.	E	Cu.	E	Cu.	E
8	Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	EbyN	Cu.	EbyN
9	------	------	------	------	------	------	Cu.	------	Cu.	------	Cu.	------
10	Cu.	------	Cu.	------	Cu.	------	Cu.	EbyN	Cu.	EbyN	Cu.	EbyN
11	S.-Cu.	------	S.-Cu.	------	S.-Cu.	NE	S.-Cu.	NE	Cu.	EbyN	Cu.	EbyN
12	Cu.	------	Cu.	------	S.-Cu.	ENE	Cu.	ENE	Cu.	------	Cu.-N.	------
13	N.	ENE	S.-Cu.	ENE	N.-cf.	ENE	Cu.-N.	ENE	N.-cf.	ENE	N.-cf.	ENE
14	S.-Cu.	E	S.-Cu.	E	S.-Cu.	------	Cu.	------	N.-cf.	------	Cu.	------
15	S.-Cu.	------	N.	------	N.	------	S.-Cu.	ESE	N.-cf.	ESE	N.	ESE
16	S.-Cu.	------	S.-Cu.	------	S.-Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.	EbyS
17	S.-Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	ENE	Cu.	ENE
18	Cu.	------	Cu.	------	Cu.	E	Cu.	E	Cu.	E	Cu.	------
19	Cu.	------	Cu.	------	Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.	ESE
20	------	------	Cu.	------	Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.	ESE
21	Cu.	------	Cu.	ESE	Cu.	------	Cu.	ESE	Cu.	------	N.-cf.	------
22	S.-Cu.	------	S.-Cu.	E	S.-Cu.	E	Cu.	E	Cu.	E	Cu.	------
23	Cu.	------	S.-Cu.	------	S.-Cu.	------	Cu.	------	Cu.	ESE	Cu.	------
24	Cu.	------	Cu.	------	Cu.	------	Cu.	E	Cu.	E	Cu.	------
25	Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	E	Cu.	E
26	Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	E	Cu.	E
27	Cu.	------	Cu.	------	Cu.	------	Cu.	ESE	Cu.	------	Cu.	------
28	Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	E	Cu.	------

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
				Ci.							
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.	
		Ci.		Ci.		Ci.		Ci.		Ci.	
Ci.		Ci.		Ci.							
		Ci.-S.		Ci.-S.		A.-Cu.		A.-Cu.		A.-Cu.	
Ci.-S.				Ci.		Ci.		Ci.		Ci.-S.	
Ci.-S.		Ci.		Ci.		Ci.		Ci.		Ci.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
Ci.-S.		Ci.		Ci.-S.		Ci.-S.		Ci.		Ci.	
Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
										Ci.-S.	
A.-Cu.		A.-Cu.	ESE	A.-Cu.	ESE	A.-Cu.	ESE	A.-Cu.		Ci.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-Cu.	ENE	Ci.				A.-Cu.		A.-Cu.		A.-Cu.	
Ci.-S.		A.-Cu.									
Ci.-S.				Ci.							
Ci.		A.-Cu.				Ci.				Ci.	
A.-Cu.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.		Ci.		Ci.-S.		Ci.-S.	
				Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
				Ci.-S.		Ci.		Ci.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.		Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
Ci.								Ci.-S.		Ci.	
										Ci.-S.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.-S.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.-N.	E	Cu.		Cu.		S.-Cu.	E	Cu.-N.	E	S.-Cu.	
Cu.		S.-Cu.		Cu.-N.	E	S.-Cu.		Cu.		Cu.	
S.-Cu.	E	S.-Cu.		Cu.		Cu.		Cu.		S.-Cu.	
Cu.		Cu.		Cu.	ENE	N.-cf.	ENE	N.-cf.	ENE	S.-Cu.	
N.-cf.		Cu.	ENE	Fr.-N.	ENE	Cu.		Cu.		Cu.	
Cu.-N.		Cu.	E	Cu.	E	Cu.		Cu.	ENE	S.-Cu.	
Cu.	NE	Cu.	NE	Cu.	NE	Cu.		Cu.		Cu.-N.	
Cu.	EbyN	Cu.		Cu.	E	Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.	E	Cu.		S.-Cu.		S.-Cu.	
Cu.	ENE	Cu.	ENE	Cu.	ENE	N.-cf.	ENE	Cu.		Cu.	
Cu.	EbyN	Cu.		Cu.	E	N.-cf.	E	S.-Cu.	E	Cu.	
S.-Cu.	ENE	S.-Cu.	ENE	S.-Cu.		Cu.	ENE	S.-Cu.		S.-Cu.	
Cu.	ENE	Cu.-N.	ENE	N.-cf.		N.-cf.	ENE	S.-Cu.	ESE	Cu.-N.	
S.-Cu.		S.-Cu.		S.-Cu.		Fr.-N.		S.-Cu.		S.-Cu.	
Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.		Cu.	SE	Cu.	
Cu.		Cu.	ESE	Cu.		Cu.	ENE	Cu.	ENE	N.-cf.	
Cu.	ENE	N.-cf.	ENE	Cu.		N.-cf.	ENE	N.-cf.	ENE	Cu.	
Cu.		Cu.		Cu.	ENE	Cu.	ENE	Cu.		Cu.	
Cu.	ESE	Cu.	E	Cu.-N.		Cu.-N.		N.-cf.	EbyS	S.-Cu.	
Cu.		Cu.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.	
N.		Cu.-N.	ESE	Cu.-N.		Cu.-N.		Cu.		Cu.	
Cu.	E	Cu.	E	Cu.		Cu.	E	Cu.		Cu.	
Cu.	ESE	Cu.	EbyS	Cu.	E	Cu.		Cu.		Cu.	
Cu.	E	Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.	E	Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.			
Cu.		Cu.		Cu.		Cu.	ESE	Cu.		S.-Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	Calm	--------	NNE	1	Calm	--------	NNE	1	NNE	0.5	Calm	--------
2	E	0.5	E	.5	E	0.5	N	1	N	1	NNE	1.5
3	Calm	--------	Calm	--------	ENE	.5	ENE	1	NNE	2	NNE	2
4	N	2	ENE	.5	Calm	--------	Calm	--------	ENE	.5	Calm	--------
5	ESE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	E	.5
6	Calm	--------	Calm	--------	NNE	.5	NE	.5	NNE	.5	Calm	--------
7	Calm	--------	Calm	--------	NE	.5	Calm	--------	Calm	--------	NE	1
8	EbyS	2	EbyS	.5	NbyE	1	Calm	--------	Calm	--------	ENE	1
9	NE	1.5	ENE	1	NE	1	NE	1.5	NE	1	Calm	--------
10	Calm	--------	Calm	--------	ENE	.5	ENE	.5	NE	1	Calm	--------
11	Calm	--------	Calm	--------	Calm	--------	ENE	2	NNE	2.5	NE	.5
12	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NNE	1
13	NNE	2	N	3	N	1.5	N	2.5	N	2	NbyE	1.5
14	Calm	--------	N	1	N	.5	Calm	--------	Calm	--------	NE	.5
15	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
16	Calm	--------	NNW	1	N	2	N	2	N	1	NNE	.5
17	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NE	1	Calm	--------
18	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
19	ESE	.5	N	.5	Calm	--------	NE	.5	Calm	--------	NE	.5
20	N	1.5	N	1.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------
21	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
22	Calm	--------	NE	1	NE	.5	Calm	--------	Calm	--------	Calm	--------
23	SE	1.5	NE	2	Calm	--------	NE	1	NE	2.5	Calm	--------
24	ESE	1.5	ESE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------
25	SE	.5	SE	1	NE	2	NE	2.5	Calm	--------	Calm	--------
26	ESE	2	ESE	2	NE	1.5	Calm	--------	ENE	1	ESE	1
27	SE	2	ESE	2.5	ENE	2.5	ENE	1.5	ENE	1	NE	.5
28	E	3	E	2	E	3	NE	3	NNE	2	NNE	1.5
Mean	------------	.8	------------	.8	------------	.6	------------	.7	------------	.7	------------	.5

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	NE	4.5	E	2	ENE	2.5	EbyN	2	E	6.5	ENE	3.5
2	WNW	1.5	WNW	2	WSW	2.5	W	1	Calm	--------	NNW	.5
3	WNW	1	W	2.5	WSW	2	Calm	--------	SE	4	ESE	1.5
4	WSW	3.5	SW	2	SEbyS	3	SE	4	Calm	--------	ENE	.5
5	ESE	6	ESE	4	E	3.5	EbyS	5	ESE	3	E	1.5
6	W	2.5	WbyN	1.5	SW	1.5	S	1	S	1	W	2
7	ESE	4.5	ESE	9.5	E	5	E	3.5	ESE	2.5	E	5
8	EbyS	5	E	2.5	EbyS	4.5	E	4	ESE	2	ESE	3.5
9	WNW	1.5	WNW	3.5	WNW	1.5	W	1	SE	3.5	SE	2
10	W	2.5	Calm	--------	SE	3.5	E	2	Calm	--------	EbyN	2
11	WSW	2.5	SW	2.5	W	3	NW	1.5	NNE	.5	ENE	1
12	NE	1.5	E	1.5	NEbyN	3	E	1.5	NNE	2.5	ENE	2.5
13	NNE	2	NE	4.5	NNE	2.5	NNE	7	NNE	3.5	NNE	4.5
14	E	4.5	NE	5.5	E	4	ESE	3	E	1.5	ESE	.5
15	Calm	--------	NW	7	NNW	3.5	NW	1.5	ESE	2	Calm	--------
16	S	1	WSW	3	WSW	3.5	Calm	--------	WSW	1.5	ENE	1.5
17	WSW	1.5	Calm	--------	NNW	3	Calm	--------	Calm	--------	SE	2.5
18	E	5	SE	9	ESE	4	ESE	6.5	ESE	1.5	ESE	.5
19	W	2	WSW	3	SE	4.5	NNE	2.5	NNE	2.5	Calm	--------
20	WNW	1	WNW	1.5	NW	1	WNW	2	W	1.5	S	1
21	NW	1	Calm	--------	ENE	.5	Calm	--------	Calm	--------	ESE	1
22	W	3	W	2.5	SE	4.5	SE	5.5	SE	3.5	ESE	1.5
23	W	1.5	NW	2	W	2.5	ESE	.5	ESE	.5	ESE	1.5
24	SE	9	SE	7	SE	4.5	SE	2.5	SE	3.5	SE	2.5
25	WSW	4	SE	2	SE	5	ESE	5.5	SE	3.5	ESE	2.5
26	W	3.5	WSW	3	SSE	1.5	SE	2.5	SE	7	SE	2.5
27	W	3.5	W	5	SE	9.5	SEbyE	5	SE	4	SE	3.5
28	W	1	W	2.5	SE	11	SE	5.5	ESE	3.5	ESE	5
Mean	------------	2.9	------------	3.2	------------	3.6	------------	2.7	------------	2.5	------------	2

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	--------	Calm	--------	Calm	--------	W	2	NWbyW	5	W	1
NNE	1	N	1.5	Calm	--------	Calm	--------	WNW	2	W	4.5
NNE	.5	N	1.5	Calm	--------	ESE	2.5	SSW	1.5	WNW	1.5
Calm	--------	Calm	--------	WSW	0.5	W	3.5	WNW	2	WNW	4
E	.5	Calm	--------	Calm	--------	ESE	4	EbyS	2	EbyS	5.5
NNE	1.5	N	2	NNE	1	NE	2	Calm	--------	Calm	--------
Calm	--------	NNE	1	WNW	1.5	WSW	2	S	2.5	ESE	3.5
NNE	1.5	NNE	.5	Calm	--------	E	2	E	5.5	EbyS	3
Calm	--------	Calm	--------	Calm	--------	N	2.5	NW	5	WNW	3
Calm	--------	ENE	1	E	1	W	3	WNW	3	WSW	5
NE	.5	NEbyN	.5	N	3	N	2	NWbyN	2	W	2.5
NE	.5	Calm	--------	NNE	1	NNE	3	S	2	NNW	1.5
NNE	2.5	NbyE	5	NNE	4	NNE	3	NE	4.5	NbyE	4.5
N	1	NNE	.5	Calm	--------	NE	.5	Calm	--------	NE	1.5
Calm	--------	Calm	--------	NNW	1	Calm	--------	WbyS	2.5	WNW	4
NNE	.5	Calm	--------	Calm	--------	WSW	1.5	Calm	--------	SSW	1.5
Calm	--------	Calm	--------	WbyN	2	WNW	2	W	2.5	SWbyW	3
Calm	--------	N	1.5	NNE	.5	Calm	--------	W	3.5	W	1.5
NE	.5	Calm	--------	NNE	1	W	3.5	W	3.5	WNW	4
Calm	--------	Calm	--------	SW	.5	W	2.5	W	3.5	W	4
Calm	--------	E	1.5	SW	1	WSW	2.5	W	1.5	WNW	1.5
Calm	--------	E	.5	Calm	--------	NE	.5	W	3	W	3
Calm	--------	E	1	SW	1.5	WSW	3	WNW	4	NW	3
E	.5	Calm	--------	E	1.5	E	2.5	SE	6	SEbyS	7
Calm	--------	Calm	--------	ENE	.5	WSW	2	W	2	WSW	2
E	1	ENE	2	E	3.5	E	2	WNW	3	W	5
Calm	--------	Calm	--------	NNE	1	WSW	2.5	W	3.5	W	4
Calm	--------	N	1	NE	.5	NE	.5	W	1.5	W	4
------------	.4	------------	.8	------------	.9	------------	2	------------	2.8	------------	3.2

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		12 m. n.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
ENE	0.5	Calm	--------	Calm	--------	E	0.5	ENE	0.5	E	1.5	1.4
Calm	--------	ENE	1.5	Calm	--------	ENE	.5	ENE	1	ENE	1	1.1
ESE	1.5	ESE	1.5	ESE	1.5	ESE	.5	Calm	--------	N	3.5	1.4
E	3.5	ESE	2	ESE	1	Calm	--------	Calm	--------	ESE	.5	1.4
E	2.5	E	.5	Calm	--------	E	.5	NNE	.5	Calm	--------	1.7
Calm	--------	NNE	2	Calm	--------	Calm	--------	Calm	--------	Calm	--------	.8
E	1	E	1	E	1.5	ENE	1	ENE	1	EbyN	1	2
ESE	1.5	ESE	2	ESE	1.5	ESE	2	Calm	--------	ESE	1	1.9
SE	4.5	ESE	2	ESE	1	ESE	2.5	ESE	.5	NNE	1	1.7
EbyS	1.5	E	1	E	1	Calm	--------	E	1.5	NE	1.5	1.3
E	2	E	1.5	E	1.5	ESE	1	Calm	--------	Calm	--------	1.4
E	1	Calm	--------	NNE	2	ENE	.5	NNE	2	NE	1	1.2
NNE	2	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	2.6
Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	1
Calm	--------	NE	.5	Calm	--------	Calm	--------	NW	.5	Calm	--------	.9
ESE	2	ESE	2.5	E	2	E	1.5	EbyS	.5	Calm	--------	1.2
ESE	2.5	ESE	.5	E	2.5	E	.5	Calm	--------	Calm	--------	1
ESE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	ESE	.5	1.4
Calm	--------	Calm	--------	Calm	--------	Calm	--------	NNE	1	NE	1	1.3
S	2.5	Calm	--------	N	.5	N	3.5	N	.5	Calm	--------	1.2
Calm	--------	Calm	--------	Calm	--------	E	1	Calm	--------	Calm	--------	.5
SE	1.5	SE	2	SE	2	SE	2	SE	1.5	SE	2	1.7
ESE	2	ESE	3.5	ESE	1	ESE	1	Calm	--------	Calm	--------	1.7
SE	2.5	SE	2.5	SE	3.5	SE	2	S	3.5	SE	1	2.6
ESE	2.5	ESE	3.5	ESE	4	ESE	3	ESE	3	Calm	--------	2.1
SE	3.5	SE	1.5	E	2	SE	2	SE	2	E	2	2.4
ESE	3	ESE	1.5	ESE	2	ESE	2.5	E	2.5	E	3	2.8
SE	2.5	SE	3	SE	2	SE	1.5	SE	1.5	SE	1	2.6
------------	1.7	------------	1.3	------------	1.2	------------	1.1	------------	.8	------------	.8	1.7

WIND—FORCE IN KILOMETERS PER HOUR.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	1.5	5	3.5	3	4.5	4	3.5	6.5	3.5	5	17	13
2	3.5	3	3	3.5	5	6	6.5	7.5	4	3.5	11	**16**
3	3	2.5	3	4	6.5	9	6	6.5	5	6.5	5	11
4	9	5.5	1.5	0	3.5	3.5	.5	0	2	6	13.5	14.5
5	3	2	2.5	1.5	1	1	1.5	2.5	5	9	**25**	18
6	0	.5	2.5	3	3	3.5	5.5	8	6.5	8	5	0
7	.5	0	.5	1	.5	1	.5	.5	3	6	7	17
8	6	4	4	1.5	2	2.5	4	7	7	5	**20.5**	15
9	5.5	4.5	5	5	5	3.5	4	6	7	6.5	17.5	**19**
10	1	0	1.5	1.5	2	3.5	1.5	1.5	4.5	4.5	12	**18**
11	2	0	0	2.5	8	6	4	4.5	6.5	9.5	**13.5**	11.5
12	0	.5	.5	1	.5	1	1.5	1	1.5	6	2.5	4
13	4	11.5	6.5	12	11	10	11	18	23	18	19	20.5
14	0	1.5	4	1	0	0	2	7.5	5	2.5	3	3.5
15	0	0	0	.5	0	1	0	3.5	4	3.5	6.5	10
16	0	2	6	7	4.5	6	4.5	4	3	6	8	5.5
17	0	.5	.5	1	1	3.5	.5	.5	2.5	8	**10.5**	**10.5**
18	0	0	0	1	2	2.5	1.5	7	6.5	4.5	3	10.5
19	2	3.5	2	2.5	2.5	1.5	2	3.5	5	9	11.5	13
20	5.5	7	1	0	0	0	0	0	3.5	7.5	**13**	11
21	2	1.5	.5	0	0	1	0	.5	1.5	6.5	5	**14**
22	2.5	1	2	3.5	1.5	.5	1.5	.5	1	4	9.5	12.5
23	9	3.5	4.5	5	7	6	2.5	2	2.5	7	**16.5**	11.5
24	2	4	1	2.5	3	1	.5	3	9	13	16	18.5
25	5	3	7	7	6.5	.5	0	1	1	6	12.5	11.5
26	7	7.5	7.5	7	4	7	8	9.5	6.5	10	13	18.5
27	5.5	8.5	10	8	5	5	6	7	3	7	21	19.5
28	11	8	8.5	11	11	9.5	6.5	6	3	4.5	15.5	15
Mean	3.2	3.2	3.2	3.4	3.6	3.6	**3.1**	4.5	4.8	6.9	11.9	12.9

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. m.
1	6	4	5	4	5	8	10	6	4	8	10	10	6.7	7 05
2	5	7	8	9	9	9	10	10	10	10	10	6	8.6	2 35
3	7	9	9	10	9	8	9	4	4	3	4	3	6.6	5 20
4	5	6	4	4	7	6	6	3	4	8	7	3	5.2	8 10
5	10	9	10	10	9	9	10	10	9	8	8	6	9	3 10
6	6	8	9	10	10	10	10	9	7	8	9	10	8.8	2 35
7	7	5	5	5	5	5	4	4	5	5	6	10	5.5	9 05
8	7	6	8	8	7	7	7	7	6	6	7	10	7.2	8 30
9	5	4	7	7	7	6	6	8	7	5	5	9	6.3	8 50
10	6	3	2	9	7	8	7	7	8	9	7	4	6.4	6 05
11	7	3	3	7	4	6	4	4	6	6	7	4	5.1	8 30
12	3	8	8	6	9	9	9	9	9	8	9	9	8	3 35
13	8	6	10	8	9	9	10	10	10	10	10	10	9.2	**1 30**
14	10	10	10	10	10	10	10	10	10	10	10	10	**10**	1 55
15	9	10	10	10	10	10	8	9	8	7	5	4	8.3	3 45
16	6	7	7	7	8	9	6	6	7	6	7	6	6.8	5 10
17	7	2	6	6	8	8	9	9	8	10	10	10	7.8	5 05
18	6	5	8	9	8	7	6	7	6	6	8	7	6.9	6 15
19	7	6	5	7	7	8	6	8	10	10	10	10	7.8	6 50
20	2	1	1	3	4	4	4	5	5	6	9	8	4.3	8 35
21	4	4	3	5	7	8	8	9	6	8	8	4	6.2	7 30
22	5	7	8	6	6	5	7	6	5	4	5	5	5.8	9 00
23	10	8	7	7	7	8	8	8	7	8	7	9	7.8	7 00
24	7	7	6	7	7	6	6	6	4	5	4	4	5.8	9 45
25	5	2	2	3	6	5	6	3	2	3	4	3	3.7	10 20
26	0	0	0	1	1	1	2	1	1	2	1	0	**.8**	**10 25**
27	3	2	3	5	6	6	6	6	7	6	6	8	5.3	10 10
28	2	3	3	4	4	5	5	5	3	3	2	2	3.4	**10 25**
Total														187 10
Mean	5.9	**5.4**	6	6.7	7	**7.1**	**7.1**	6.8	6.4	6.7	7	6.6	6.5	6 41

WIND—FORCE IN KILOMETERS PER HOUR.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
12	16.5	**21**	16	14	11	5.5	3.5	0.5	3	3	6.5	7.6
13	14	8	7	3	6	3	3.5	3.5	5	2.5	2.5	6
13	10	10.5	5.5	9.5	9.5	7	7	8	5.5	2	5.5	6.7
15	10	11	11	8	10	7.5	8	4.5	2.5	1.5	2	6.3
20	22	22	20	17.5	8	4	4.5	.5	2	3	2.5	8.2
3	**10**	8	7	4	3	6.5	8.5	3	1.5	1	1	4.2
24	25	29.5	**33.5**	25	27.5	11.5	6	9.5	5	4.5	4	10.1
17.5	14.5	14.5	13	12	9	8	8	6	10.5	4	4.5	8.3
16.5	14	10	6	5.5	13	11.5	9	6.5	8	5.5	3.5	8.2
13	8.5	10	13.5	11	5	6.5	4.5	5	1	6.5	5	5.9
11	8.5	10.5	7	5	9.5	11.5	10	7	5.5	3.5	0	6.5
7.5	2.5	11	11.5	8	**12**	5	4	5.5	7	5	5.5	4.4
19.5	15	**25.5**	25	21.5	16	8.5	2.5	0	0	1	.5	**12.5**
15.5	13.5	13.5	10	8	4	0	0	0	0	.5	0	4
6.5	20.5	**22**	13	11	9.5	5.5	4	1	1.5	1.5	2	5.3
5.5	6	7.5	4.5	1	5	5.5	**9.5**	8	6	4	3	5.1
9.5	4.5	9.5	5.5	2	5	7	3	7	6	1	1	4.2
14	19	**20**	**20**	16.5	12.5	2.5	2	.5	2	1	2.5	6.3
13	8	12	**16**	13.5	5	0	1	1	2.5	1	3.5	5.6
12	10.5	4.5	8.5	9	5.5	4.5	3	2.5	10.5	6.5	.5	5.2
6.5	6.5	5	3.5	4.5	5	4	2	0	2	3	2	**3.2**
14.5	14	7.5	**20.5**	**20.5**	17.5	8.5	6	6	7	8	7	7.4
14.5	16	13.5	5.5	10.5	11.5	12	14.5	9.5	4	2.5	1.5	8
21.5	**22**	21.5	14.5	13.5	14.5	14.5	12	8.5	8	7.5	8.5	10
11	10	14.5	14.5	**15**	**15**	13	14	10	14	12	8	8.8
14.5	13	10	15	**19.5**	14.5	13	6.5	6.5	8	9	8	10.1
17.5	16.5	17.5	**26**	24.5	19.5	17	7	10	7.5	12.5	10	12.1
16	12	17	23	**24**	18	17	10	7	6.5	6.5	4.5	11.3
13.5	12.9	**13.8**	13.4	12	10.8	7.9	6.2	4.9	5.1	4.3	3.8	7.2

FREQUENCY OF THE WIND.

Day.	N.	NNW.	NW.	WNW	W.	WSW.	SW.	SSW.	S.	SSE.	SE.	ESE.	E.	ENE.	NE.	NNE	Calm.	Total wind velocity.	Rain-fall.
																		Kms.	*mm.*
1			1		2								5	4	1	3	8	182.5	
2	3	1		3	2	1							3	4		2	5	143.5	
3	2			2	1	1		1			1	6		2		3	5	161	
4	1			2	1	2	1			1	1	3	1	3			8	150.5	
5												8	7			1	8	198	
6	1			1	2		1		2						2	5	10	102	4.1
7				1		1			1			4	7	2	2	1	5	242.5	
8												12	4	1		3	4	200	
9	1		1	4	1						3	4		1	4	1	4	197.5	
10				1	2	1					1	1	6	3	2		7	141	
11	2	1	1		2	1	1					1	3	2	3	2	5	157	
12		1							1				3	2	4	6	7	104.5	
13	4														2	13	5	**299.5**	
14	3											2	3		4	1	11	95	
15		2	3	1	1							1			1		15	127	3.6
16	3	1				4		1	1			3	2	1		2	6	122	
17		1		2	1	2					1	2	2		1		12	100	
18	1				2						1	6	1			1	12	151	.2
19	1			1	3	1					1	1			4	4	8	134.5	
20	5		1	3	4		1		2								8	126	
21			1	1	1	1	1					1	2	1			15	**76**	**6.2**
22					4						9	1	1		3		6	177.5	
23			2	1	2	1	1				1	7	1		3		5	192.5	
24									1	1	12	2	3				5	240	
25					1	3					5	7		1	2		5	212	
26				1	2	1				1	7	3	5	2	1		1	243	
27					4	1					5	5	2	3	1	1	2	291	
28	1				4						8	2	3		3	2	1	271	
Total	28	7	10	24	42	21	6	2	8	3	56	82	64	32	43	51	193	4,838	14.1
Mean	1	.2	.4	.9	1.5	.8	.2	.1	.3	.1	2	2.9	2.3	1.1	1.5	1.8	**6.9**	172.8	.5

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
1	761. 15	9-20a.	30. 2	2-05p.	91	17. 8	758. 03	3-00p.	**17.3**	6-30a.	50	14. 4
2	61. 75	9-25a.	29. 2	2-35p.	91	18. 9	58. 70	3-10p.	17. 5	6-45a.	60	14. 7
3	61. 20	9-30a.	30. 7	3-40p.	**96**	20. 3	58. 30	3-45p.	18. 1	4-30a.	64	16. 1
4	61. 70	11-15p.	32	3-05p.	95	19. 7	59. 05	3-15p.	18. 6	6-05a.	55	15. 8
5	63. 05	9-20a.	30. 7	0-55p.	92	19. 3	60. 65	2-45a.	20. 8	3-10a.	58	16. 1
6	63. 20	10-15a.	**27.5**	9-40a.	94	21. 8	60. 70	3-10p.	20. 4	1-05a.	**73**	16. 8
7	63. 80	8-35a.	31. 2	1-25p.	94	18. 2	60. 60	2-15p.	19. 9	1-05a.	43	**14**
8	63. 85	8-40a.	31. 2	3-05p.	91	17. 8	60. 79	3-00p.	18. 5	6-35a.	49	14. 8
9	**63.95**	8-55a.	30. 4	3-15p.	94	19. 4	60. 55	3-30p.	17. 9	6-30a.	59	15. 4
10	63. 69	9-00a.	31	2-55p.	94	18. 4	60. 45	2-50p.	18. 1	6-35a.	53	15. 4
11	**63.95**	8-45a.	31	2-55p.	94	19. 3	60. 18	3-00p.	19. 3	3-15a.	56	16
12	63. 85	9-10a.	30	3-40p.	90	17. 9	**60.80**	3-45p.	19. 3	6-25a.	55	15. 5
13	63. 28	9-00a.	28. 3	1-05p.	**79**	**16.4**	60. 35	3-15p.	21. 5	4-10a.	57	14. 9
14	63. 20	9-00a.	30. 8	1-05p.	87	18. 5	59. 74	3-00p.	21. 6	6-20a.	51	15. 7
15	62. 15	9-25a.	29. 5	4-25p.	93	20. 8	58. 80	3-40p.	20. 7	6-20a.	58	16. 8
16	62. 23	9-00a.	31. 2	1-40p.	91	20. 5	59. 10	3-40p.	21. 1	6-15a.	60	16. 9
17	61. 90	9-15a.	31. 3	1-15p.	93	20. 6	58. 35	3-45p.	20. 3	6-30a.	58	17. 3
18	61. 25	9-30a.	32. 7	2-35p.	92	20. 8	58	4-05p.	21. 5	5-05a.	58	18. 1
19	61	11-55p.	32. 3	2-05p.	89	21. 8	57. 65	3-10p.	22	4-40a.	61	18. 4
20	60. 90	0-05a.	34. 1	3-05p.	95	22. 1	**57.50**	3-05p.	21. 5	5-55a.	56	18. 8
21	**60.30**	8-30a.	31. 6	10-35a.	92	**23.8**	57. 60	4-15p.	**23.3**	6-35a.	69	**20.2**
22	60. 64	9-00a.	32. 6	2-45p.	**96**	20. 5	57. 70	3-30p.	21. 3	6-20a.	59	18. 2
23	61. 10	9-45a.	32. 3	3-55p.	89	20. 4	58. 29	4-00p.	21. 3	6-45a.	56	17. 8
24	**60.30**	9-10a.	33. 7	1-55p.	89	19. 6	**57.50**	2-35p.	21. 1	6-30a.	**42**	15. 3
25	60. 85	9-30a.	**34.2**	2-50p.	90	20. 8	57. 95	3-05p.	21	6-15a.	48	17. 5
26	61. 77	10-00a.	33. 2	3-05p.	90	19. 1	59. 12	4-00p.	20. 3	5-35a.	47	15. 2
27	61. 65	9-30a.	32. 7	2-55p.	83	17. 7	58. 25	3-30p.	19. 3	6-35a.	49	15. 1
28	61. 45	9-40a.	33. 7	2-50p.	83	17. 4	57. 85	3-15p.	20. 2	5-55a.	47	15. 5
Mean	762. 11	--------	31. 4	--------	91	19. 6	759. 02	--------	20. 1	--------	55. 4	16. 3

DAILY GENERAL REMARKS.

1----≡, ⌓ a.
2----Coloration of upper clouds at sunset.
3----⌓, ≡ a.
4----Slight coloration of clouds at sunset.
5----d° in the morning.
6----●° in the forenoon and afternoon.
7----Gusty Ely winds in the afternoon.
8----≡ a.; bands of Ci. extended from SSE to NNW in the morning, and convergent toward SSE in the afternoon.
9----⌓, ≡ a.
10----≡ a.
11----≡ a.
12----⌓°, ≡ a.; d 6. 37 p.
13----≡ a.
14----d², ⌒ in the afternoon; partial coloration of clouds at sunset.
15----⌓, ≡, d in the morning; ● 0. 10 p.
16----⌓°, ≡ a.
17----≡ a.
18----≡ a.; d° 5. 20 p.; ●° at night.
19----⌓°, ≡; a.; ⊤ NNW, p° in the afternoon.
20----⌓², ≡ a.; ϟ° SW, NNE in the afternoon; coloration of clouds at sunset.
21----⊤ E, ● in the afternoon.
22----Coloration of upper clouds at sunset.
23----⌓, ≡ a.; coloration of upper clouds at sunrise and sunset.
24----Ci. extended from NE to SW in the morning; ⊕°p.
25----⌓, ≡ a.; coloration of upper clouds at sunrise and sunset; ⊕² p.
26----Somewhat gusty SE winds in the afternoon.
27----As yesterday.
28----⌓, ≡ a.; convergence of Ci. toward SSW in the morning and afternoon; gusty SE winds in the afternoon.

OBSERVATIONS FOR MARCH, 1909.

ATMOSPHERIC PRESSURE, 700mm +.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.70	59.45	59.25	59.15	59.30	59.75	59.98	60.28	60.69	**60.75**	60.48	59.74
2	59.25	58.85	58.60	58.75	59.10	59.90	60.77	61.07	61.45	**61.63**	61.22	60.43
3	60.05	59.65	59.70	59.75	59.80	60.05	60.49	61	**61.02**	60.78	60.24	59.63
4	60.05	59.65	59.80	59.70	59.90	60.24	60.66	61.18	**61.35**	61.34	60.80	59.94
5	60.50	60.15	60.10	60	60.20	60.39	60.81	61.13	**61.29**	61.18	60.89	60.34
6	60.15	59.85	59.55	59.95	60.35	61.02	61.73	62.12	62.42	**62.44**	61.87	61.37
7	59.55	59.40	59.40	59.60	59.75	60.26	60.91	61.16	61.19	**61.28**	60.84	60.30
8	59.60	59.35	58.85	58.85	59.25	59.56	60.01	60.42	**60.51**	60.45	60.03	59.48
9	58.85	58.55	58.30	58.15	58.50	59.31	59.82	60.18	**60.41**	**60.41**	59.99	59.50
10	59	58.85	58.65	58.50	58.65	59.26	59.77	60.05	**60.23**	60.14	59.89	59.35
11	58.95	58.70	58.60	58.50	58.60	58.91	59.61	59.91	**60.36**	**60.36**	59.82	59.12
12	58.60	58.40	58.15	58.10	58.35	58.56	59.06	59.36	**59.77**	59.66	59.25	58.57
13	58.55	58.55	58.30	58.30	58.60	59.02	59.34	59.76	59.99	60.03	59.69	58.99
14	60.55	60.40	60.10	60.20	60.45	60.83	61.23	61.69	**61.96**	61.94	61.39	60.92
15	60.55	60.35	60.15	60.25	60.55	60.73	61.54	62.08	**62.28**	62.17	61.87	61.54
16	60.55	60.25	59.95	59.90	59.95	60.34	60.74	61.09	61.43	**61.49**	60.94	60.24
17	59.55	59.10	58.95	59.05	59.15	59.64	60.31	60.67	**60.84**	60.62	60.49	59.97
18	59.35	58.80	58.65	**58.50**	58.85	59.41	60.21	60.55	60.83	**60.99**	60.86	60.34
19	59.90	59.65	59.35	59.50	59.65	60.10	60.83	61.15	**61.30**	61.22	60.83	60.67
20	60.45	60.15	59.80	59.75	59.80	60.21	60.69	60.97	**61.04**	61.01	60.62	60.09
21	59.85	59.25	58.80	58.65	58.70	59.01	59.44	59.89	**59.98**	59.72	59.51	58.76
22	59.05	58.55	58.30	58.10	58.35	58.84	59.49	60.10	**60.37**	60.25	59.68	59.44
23	58.15	57.60	57.15	57.10	57.45	58.01	58.47	58.86	58.93	**59.19**	58.70	58.20
24	57.95	57.50	57.40	57.30	57.55	58	58.61	59.11	59.53	59.57	58.67	58.01
25	59.85	59.20	59.30	59.45	59.55	59.99	60.56	60.82	61.08	60.98	60.72	60.27
26	61.50	61.15	60.95	60.95	61.15	61.59	62.25	62.59	**62.82**	62.51	61.92	61.40
27	61.65	61.15	61.05	61.15	61.45	61.89	62.38	62.80	63.24	**63.32**	63.20	62.49
28	62.05	61.60	61.30	61.50	61.65	62.05	62.59	62.79	**62.99**	62.58	62.13	61.53
29	61.20	60.80	60.70	60.70	60.75	61.39	62	62.40	**62.57**	62.31	62.03	61.39
30	61.05	60.55	60.20	60.20	60.50	60.84	61.38	61.74	**61.85**	61.64	61.17	60.58
31	60.25	59.85	59.60	59.60	59.85	60.18	60.83	61.34	**61.39**	61.24	61.05	60.48
Mean	59.88	59.53	59.32	59.33	59.54	59.98	60.53	60.91	**61.13**	61.07	60.67	60.10

TEMPERATURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.1	20.8	20	19.8	19.3	**19.2**	20.5	25.7	27.9	30	28.8	30.2
2	23.5	22.6	22	21.7	21.2	**21.1**	22.4	26.1	27.6	28.8	30	31.3
3	22.5	21.8	21.2	20.8	20.6	**20.3**	21.8	26.4	27.9	28.8	29.6	30.9
4	21.3	21.2	20.7	20.5	20.5	**20.1**	21	24.6	27.9	28.3	28.8	30.2
5	23.6	22.1	21	20.5	20.3	**20**	21.7	25.8	27.8	28.8	29	31.1
6	21.8	21.2	21.1	20.8	**20.7**	21	21.6	24.6	26.8	27.5	31.5	29.6
7	23.6	22.4	21.4	20.9	**20.7**	20.9	22	24.7	27.8	28.9	29.9	30.9
8	23.1	22.2	21.4	20.8	20.2	**19.7**	21.4	25.3	28.1	28.8	29.9	30
9	21.1	21	20.3	20	19.4	**18.9**	21	25.6	26.6	27	28.7	30.2
10	22.1	21.3	20.3	20.2	19.8	**19.5**	20.9	25.1	28.5	30.5	30	30
11	23.1	22.3	22	22	21.1	**20.7**	21.7	25.5	26.6	27.6	28.5	30.4
12	21.5	20.9	20.3	20.3	20.2	**19.7**	21.2	24.6	27.6	27.8	28.5	29.8
13	24.2	23.5	23.1	22.7	22.4	**21.9**	23.2	27	29.3	31	28.5	30.5
14	21.9	21.5	21.4	21.2	21.2	21.2	**21.1**	22.8	25	28.3	29.1	27.8
15	**21.7**	22	22.4	22.6	22.4	22.1	23	24.4	26.6	28.3	**29**	24.8
16	22.2	22.4	22.9	22.5	22.3	**21.4**	22.5	26.5	28.3	28.3	30	30
17	25	24.4	23.8	23	22.5	**22.2**	22.5	25.7	28.3	29.4	29.3	29.9
18	23.1	22.9	22.6	**22.3**	22.9	22.6	23.5	26.3	28.2	28	28.1	**28.5**
19	21.9	21.7	21.3	21.1	**21**	**21**	22	25.7	28	29.7	30.7	28.1
20	23.1	22.6	22.1	21.8	**21.5**	22	23.3	26.8	28.6	30.3	**30.5**	29.3
21	22.8	**22.4**	23.1	23.2	22.8	**22.4**	22.6	25.8	28.2	30	31.5	**32.8**
22	25.7	25.2	24.9	25.4	25.1	25.2	26.1	26.2	26.8	27.7	29.4	28.7
23	23.6	23.6	23.2	**22.9**	**22.9**	23	23.9	24.3	26.7	28	**29.2**	28
24	**23.2**	**23.2**	**23.2**	**23.2**	**23.2**	**23.2**	24.2	26.5	28.1	29.8	30.8	32.2
25	23.3	23.3	23.3	23.2	23.2	**23.1**	24.2	26.3	27.9	29.5	31	31.4
26	22.9	22.5	22.4	22.8	22.5	**21.9**	24.6	27.3	28.5	29	30.8	32.1
27	24.1	23.9	24	23.9	23.6	**23.1**	23.5	25	25.8	25	24.5	26.7
28	23.6	23.5	23.4	23.3	**23.1**	**23.1**	24	26	28.2	28.9	28.8	28.8
29	23.1	23.1	22.3	22	**21.5**	21.7	25.1	27.8	29.3	30.8	29.4	29.7
30	23.9	23.6	22.9	22.5	21.7	**21.3**	23.1	26.2	28.7	29.8	30	32.5
31	23.9	23.1	22.8	22.6	22.3	**22.1**	24.4	27.3	29.8	31	31.6	32.4
Mean	23	22.5	22.2	22	21.7	**21.5**	22.7	25.7	27.8	28.9	29.5	30

ATMOSPHERIC PRESSURE, 700 mm.+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
59.08	58.27	57.86	**57.80**	57.82	58.08	58.53	59.10	59.60	59.65	59.75	59.50	59.32
59.46	58.76	58.46	**58.30**	58.71	59.22	59.61	60.05	60.45	60.65	60.75	60.60	59.84
59.02	58.42	**57.87**	57.93	58.27	58.63	58.99	59.70	60.15	60.25	60.35	60.30	59.67
59.04	58.33	57.87	**57.60**	57.91	58.07	58.78	59.55	60.15	60.50	60.70	60.85	59.75
59.39	58.84	**58.26**	58.30	58.77	59.17	59.61	60.05	60.45	60.60	60.75	60.60	60.07
60.66	59.69	59	**58.70**	58.88	59.12	59.34	59.60	60	60.20	60.20	59.95	60.34
59.62	58.77	58.06	**57.87**	58.23	58.63	59.03	59.55	59.85	59.90	60	59.85	59.71
58.61	57.58	**56.92**	57.05	57.33	57.64	58	58.60	59	59.25	59.55	59.20	58.96
58.54	57.71	57.11	**56.98**	57.05	57.54	57.89	58.40	58.80	59.10	59.30	59.20	58.73
58.46	57.77	57.21	**56.90**	57.06	57.13	57.62	58.25	58.95	59.15	59.15	59	58.71
58.43	57.69	57.02	56.77	**56.69**	57.04	57.52	58.05	58.50	58.85	59	58.85	58.58
57.84	57.12	56.52	**56.40**	56.48	56.66	57.12	57.70	58.20	58.50	58.70	58.70	58.16
58.29	57.76	**57.38**	57.58	57.86	58.33	59.08	59.85	60.30	60.65	**61.05**	60.90	59.09
60.34	59.68	**59.26**	59.29	59.54	60.02	60.56	60.95	61.30	61.25	61.20	60.95	60.67
60.39	59.85	59.63	**59.47**	59.79	60.09	60.48	60.90	61.30	61.25	61.05	60.80	60.79
59.43	58.57	58.13	**58.12**	58.62	59.09	59.62	60.05	60.30	60.35	60.20	59.75	59.96
58.91	57.98	57.51	**57.30**	57.40	57.82	58.30	58.80	59.55	60.05	60	59.75	59.24
59.85	58.97	58.62	58.59	58.82	59.04	59.42	59.85	60.50	60.75	60.80	60.50	59.71
60.08	59.37	58.63	**58.41**	58.82	59.56	59.98	60.50	60.95	60.95	60.95	60.85	60.13
59.61	58.94	58.57	**58.54**	58.72	59.12	59.54	59.90	60.20	60.45	60.40	60.30	59.95
58.27	57.91	57.58	**57.40**	57.63	57.81	58.07	58.50	58.80	59.15	59.30	59.05	58.79
58.63	57.98	57.42	**57.38**	57.62	57.86	58.34	58.65	59.05	59.45	59.50	58.95	58.81
57.43	56.86	**56.68**	57	57.33	57.70	58.09	58.70	59.10	59.10	59.10	58.65	**58.06**
57.27	56.56	56.47	**56.46**	56.97	57.58	58.29	59	59.50	60.50	**60.55**	**60.55**	58.29
59.57	59	**58.68**	58.73	59.17	59.79	60.64	61.05	61.50	61.90	**62**	61.95	60.24
60.68	60.05	59.91	**59.86**	60.01	60.53	61.03	61.60	62	62.40	62.45	62	61.39
62.21	61.03	60.54	60.49	**60.48**	60.82	61.37	61.65	62.25	62.55	62.70	62.30	**61.84**
61.04	60.21	**59.78**	60.04	60.06	60.31	60.68	61.25	61.60	61.95	61.90	61.70	61.47
60.52	59.70	59.30	**59.13**	59.40	59.73	60.26	61	61.50	61.80	61.85	61.60	61
59.55	58.81	**58.37**	58.42	58.67	59.01	59.60	60.35	60.70	60.85	60.85	60.60	60.31
59.66	58.85	**58.39**	58.45	58.54	58.92	59.47	60.10	60.65	61	60.95	60.85	60.06
59.35	58.61	58.16	**58.11**	58.34	58.71	59.19	59.72	60.17	60.42	60.48	60.28	59.73

TEMPERATURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
30.1	30.6	30.1	**31.9**	30.7	28.9	27.3	26.1	25.8	24.7	24.7	24.3	25.8
31.6	31.9	32.3	**33**	29.5	27.9	26.7	25.8	25.3	25.1	24.3	23.3	26.5
32.3	**32.5**	31.8	30.6	29.5	27.7	25.9	24.2	23.3	22.6	22.3	21.7	25.7
31.3	31.7	31.2	**31.9**	29.8	28.4	27.2	26.2	25.6	24.1	23.5	24.2	25.8
32.5	**33**	32.7	31.5	29.7	27.6	25.7	24.3	23.7	23.3	22.9	22.2	25.9
32.4	**33**	32.7	32.5	30.8	28.3	26.8	25.9	25.1	24.6	23.9	23.9	26.2
30.8	32.9	**33.6**	32	29.4	28.3	27.2	26.4	25.7	25.1	24.7	24	26.4
30.7	**33**	**33**	32.3	29.9	27.7	25.9	24.9	23.7	23.1	23	22	25.8
33.3	**33.5**	33.1	32.4	31.2	28.8	27	25.8	24.8	24.6	23.5	22.6	25.8
32.7	**33.6**	32.9	32.2	30.2	27.8	26.4	25.8	24.9	24.1	24	24.3	26.1
29.7	29.8	**30.9**	30.4	29.6	28	26.2	25.1	24.6	23	22.2	21.5	25.5
30.3	31	**31.4**	31.3	31.2	29.5	27.8	27.1	26.6	26.1	25.5	25.3	26.1
31.5	**32.2**	31	31.2	30	28.3	26.3	25.1	24.7	24.3	23.3	22.4	26.6
27.9	29	**30.9**	29.6	29.3	27.4	25.7	24.7	23.5	22.8	22.2	21.8	24.9
28.2	28.7	27.6	27.5	28.2	27.3	25.8	24.9	24	23.2	23	22.5	25
31	**31.9**	30.3	29.6	25.2	25.4	25	24.6	24.3	25.1	25.1	25.1	25.9
31.2	**32.1**	30.6	32	30.9	28.6	27.6	26.6	25.6	24.4	24	23.4	26.8
25.6	28	23.8	24.9	26	25.1	24.4	24.1	23.5	24	22.9	**22.3**	**24.7**
29.2	28.9	29.7	**31**	30.7	28.4	26.9	25.7	24.2	23.8	23.7	23.5	25.7
29.3	29.7	29.7	29.4	29.7	28	26.5	25	25	24.6	23.9	23.6	26.1
31.5	31.9	32	31.1	29.4	28.4	27	25.6	24.2	23.9	25.5	24.9	26.8
28.6	**29.7**	29.3	29.3	27.7	26.9	25.9	25.2	24.8	24.3	24	**23.9**	26.5
28.2	28	26.2	25.4	25.4	24.7	24.4	24.4	23.9	23.4	23.3	23.2	25
32.1	**32.5**	32.2	31.6	29.5	28.5	27.7	27.2	26.6	25.1	23.9	23.5	27.1
31.9	31.5	31.5	30.8	28.6	27.2	25.9	25.3	25	24.1	23.2	23.4	26.6
32.6	32	31.2	31	29.6	28	26.6	25.8	25.5	24.8	24.3	23.9	26.8
27.1	28.1	**29.5**	28.5	28.1	26.4	26	25.5	25	24.2	24.2	24	25.4
28.5	29.7	**29.8**	26.3	28.3	26.9	25.5	25.4	25	24.6	24.1	23.6	25.9
31.3	**32.3**	**32.3**	31.8	30.7	29.1	27.3	26.5	25.5	25.2	24.8	24.4	27
32.9	32.6	32.6	32.3	30.1	28.5	27.6	26.8	26.2	25.4	25.1	24.3	27.1
32.9	**33**	32.6	31.8	30.7	29.2	27.6	27.1	26.3	26	25.7	24.6	**27.5**
30.6	**31.2**	30.9	30.6	29.3	27.8	26.4	25.6	24.9	24.3	23.9	23.5	26.1

RELATIVE HUMIDITY.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	83	82.5	**86**	84	85	**86**	82	66	57	**48**	56	54
2	81	82	85	85	86	**88**	85	73	65	64	59	57
3	85	86	88	90	88	**91**	83	64	63	59	58	53
4	84	84	81	81.5	82	**85**	82	68	57	61	56	53
5	78	82	84	85	86	**88**	84	70	60	55	58	51
6	80	**84**	83.5	**84**	**84**	83	83	71.5	64.5	64	52	53
7	74	81	83	85	**88**	86	84	73	64	61.5	58.5	53
8	76	81	83	84	86	**88**	83	67	61	59	57	49.5
9	77	77	**81**	80	80	**81**	72	59	64	62	58	53
10	72	78	80	77	78	**81**	78	67	55	50	53	52
11	79	82	82	81	87	**89**	85	73	70	66	67	57
12	82	83	85	85	87	**89**	83	72	62	58	55	**54**
13	82	83	85	86	86	**87.5**	84	72	67	48	64	55
14	78	81	83	83	**85**	84	83.5	74	67	58	57	68
15	73	74	73	75	77	75	74	80	73	68	63.5	82
16	87	86	81	84	85	87	84	73	66	68	57	62
17	86	87	88	88	89	**90**	88	72	66	64	62	67
18	85	86	88	88	84	86	85	81	72	**68**	71.5	70
19	91	92	**95**	**95**	**95**	**95**	91	76	68	58	59	68
20	79	82	86	85	**87**	**87**	85	71	60	51	**49**	57
21	87	89	83	82	85	88	**90**	74	63	55	52	46
22	64	70	71	66	68	70	65	69.5	70	64.5	**54**	56
23	87	86	89	91	93	94	90	92	79	74	**73**	78
24	94	**95**	**95**	**95**	**95**	**95**	91	83	76	68	60	56
25	93	93	93	94	94	**95**	94	83	73	61	**58**	60
26	84	85	84	84	86	**90**	79	74	67	64	54	50
27	89	91	90	90	92	**95**	**95**	92	89	92	92	79
28	90	90	91	92	93	**96**	91	81	75	69	70	68
29	90	87	91	92	**94**	**94**	79	62	57	52	65	58
30	76	78	81	83	85	**88**	83	75	68	63	63	54
31	78	83	84	86	88	**90**	82	75	62	59	56	56
Mean	82.1	83.9	84.9	85.2	86.4	**87.8**	83.8	73.6	66.5	61.7	60.2	59

VAPOR PRESSURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	15.4	15.1	14.9	14.4	**14.1**	14.2	14.8	16.1	15.8	15.1	16.4	17.2
2	17.5	16.8	16.7	16.4	**16.2**	16.4	17.1	18.4	17.8	18.8	18.5	19.4
3	17.2	16.6	16.5	16.4	15.9	16	16.1	16.4	**17.7**	17.3	**17.7**	**17.7**
4	15.8	15.7	14.7	**14.6**	14.8	14.9	15.1	15.6	16	17.4	16.6	17
5	16.9	16.3	15.6	15.3	15.2	15.3	16.2	**17.3**	16.6	16.2	17.2	17.2
6	15.5	15.7	15.6	15.4	15.3	15.3	15.9	16.4	16.9	17.4	**17.7**	16.1
7	16	16.3	15.7	15.7	16	15.9	16.5	16.9	17.7	18.2	**18.3**	17.7
8	16	16	15.7	15.4	15.1	15	15.7	16	17.4	17.3	**17.8**	15.6
9	14.4	14.3	14.3	14	13.4	**13.1**	13.4	14.5	16.5	16.4	**17**	16.8
10	14.3	14.6	14.1	13.6	**13.5**	13.7	14.4	16	15.8	16.3	16.6	16.4
11	16.5	16.5	16.2	**16**	16.2	16.1	16.4	17.7	18.1	18.1	**19.4**	18.4
12	15.6	15.3	**15.1**	**15.1**	15.3	15.3	15.5	16.6	17.1	16.1	16	16.9
13	18.3	17.8	17.9	17.6	17.3	17.1	17.7	19.2	**20.3**	16	18.4	17.8
14	15.2	15.5	15.7	15.5	16	15.7	15.6	15.3	15.7	16.5	17.1	**18.8**
15	**14.1**	14.5	14.8	15.3	15.4	14.8	15.6	18.2	18.8	19.5	18.9	19
16	17.2	17.3	16.8	17.1	17	**16.5**	17.1	18.7	18.9	19.5	17.9	19.4
17	20.2	19.8	19.3	18.3	18.1	17.9	**17.7**	**17.7**	18.9	19.4	18.7	21.1
18	17.9	17.8	17.9	17.7	**17.5**	**17.5**	18.4	20.5	20.4	19.1	20.2	20.2
19	17.8	17.7	17.8	17.8	17.6	17.6	17.9	18.6	18.9	18.1	19.2	19
20	16.5	16.8	17	16.5	16.5	17	18.1	18.5	17.4	16.4	**15.9**	17.2
21	17.9	18	17.4	17.3	17.6	17.6	**18.4**	18.2	18.1	17.3	17.7	17.1
22	**15.8**	16.6	16.6	**15.8**	16.1	16.6	16.2	17.6	18.3	17.8	16.6	16.4
23	18.8	**18.7**	**18.7**	18.9	19.3	19.6	19.8	20.9	20.5	20.7	21.9	21.9
24	19.8	20	20	20	20	20	20.5	**21.4**	**21.4**	21.1	20	20.1
25	19.8	19.8	19.8	19.8	19.8	19.9	21.1	**21.2**	20.3	18.6	19.4	20.4
26	17.5	17.2	17	17.4	17.4	17.6	18.1	**19.9**	19.4	19.1	17.8	17.7
27	19.8	20.1	19.9	19.8	19.9	19.9	20.4	21.6	**22**	21.7	21.1	20.5
28	19.4	19.5	19.5	19.6	19.5	20.1	20.3	20.2	21.3	20.5	20.6	20
29	18.8	18.3	18.2	18	17.8	18.1	18.6	17.2	17.4	17.2	**19.8**	18.1
30	16.7	16.9	16.8	16.9	**16.4**	16.6	17.4	18.9	**19.8**	**19.8**	**19.8**	19.7
31	17.2	17.4	17.4	17.5	17.7	17.8	18.7	**20.2**	19.3	19.6	19.5	**20.2**
Mean	17.1	17.1	16.9	**16.7**	**16.7**	**16.7**	17.2	18.1	**18.4**	18.1	**18.4**	**18.4**

RELATIVE HUMIDITY.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
55	55	56	51	54	59	66	69	69	75	77	78	68.1
57	55	**52**	52.5	63	65	67	71	74	74	78	82	70.9
45	**44**	46	48	53	56	64.5	71	75	79	80	81	68.8
51	**49**	51	**49**	58	64	67	67	66.5	73	78	76	67.7
44	**37**	43	48	50	57	64	69	71	72	74	77	66.1
44	42	**39**	41	44	56	61	65	70	69	73.5	73	65.2
53	47.5	**42**	43	52	57	60	63	66	67	68	72	65.9
47	37	**36**	37	50	55	59	59	65.5	67	74	77	64.1
42	**39**	41.5	44	46	53	60.5	65	68.5	65	69	73.5	**63**
43	**40**	41	44	56	63	67	68	72	76	77	72	64.2
55	56.5	53	**52**	61	60	67	69	70	77	81	85	71
57	57	57	61	55	61	65	69	71	73	75	76	69.7
53	45	46	**42**	43	51	59	65	65	68	73	77	66.1
65	63	51	53	**46**	53	59	63	66	70	71.5	72	68.1
72	65	70	77	**58**	61	75	77	80	84	84	**85**	74
56	57	59	63	**90**	89	86	84	87	83	87	88	77
62.5	60	62	**54**	59	66	72	76	78	78	81	85	74.2
84	77	87	88	85	87	**91**	89	90	83	89.5	**91**	83.6
68	65	63	**47**	48	56.5	61	68	75	77	79	80	73.8
60.5	62	63	59	58	62	68	77	76	77	81	83	71.1
45	**42**	43	43.5	48	51.5	59	66.5	71	74	64	69	65.4
56	56	57	56	64	67	73	78	81	84	86	**87**	68
78	82	88	88	93	92	92	92	93	93	94	**95**	**87.8**
56	53	**50.5**	59	67	73	76	79	80	87	91	91	77.7
58	59	60	62	64	68	73	70	72	77	81	80	75.6
48	49	49.5	51	58	63	71	73	78	82	86	89	70.8
69	**55**	57	60	61	71	73	74.5	77	83	85	87	80.8
68	**63**	66	88	78	86	88	83	84	85	86	88	82
48	48	**47**	51	49	52	59	62	68	70	72	72	67.5
49	49	**47**	**47**	53	58.5	62	66	67	71	72	75	67.2
50	**46**	48	50	50	53.5	62	64	66	67	68	73	66.5
56.1	**53.4**	53.9	55.1	58.5	63.5	68.6	71.4	74	76.1	78.6	80.3	71

VAPOR PRESSURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
17.4	17.9	17.7	**18.1**	17.7	17.6	17.9	17.5	17.1	17.3	17.8	17.5	16.5
19.9	19.3	18.6	19.6	19.2	18	17.3	17.5	17.6	17.6	17.7	17.4	17.9
16.3	15.9	16.2	15.8	16.3	**15.4**	16	16	15.9	16.1	16	15.7	16.4
17.3	17	17.1	17.3	18	**18.3**	17.9	16.9	16.2	16.3	16.8	17	16.4
15.9	**13.8**	15.7	16.4	15.4	15.7	15.8	15.6	15.5	15.4	15.4	15.4	15.9
15.8	15.6	**14.3**	14.8	14.6	15.9	16	16.2	16.5	15.9	16.2	16	15.9
17.4	17.6	16.3	**15.3**	15.8	16.3	16.1	16.2	16.1	16	15.9	16	16.5
15.6	14	13.6	**13.3**	15.7	15.1	14.6	13.9	14.3	14.2	15.4	15.2	15.3
15.8	15.2	15.6	16	15.6	15.5	16	16.1	16	14.9	14.9	15	**15.2**
15.8	15.5	15.3	15.8	**17.8**	17.6	17.1	16.8	16.8	16.9	17	16.3	15.8
17.1	17.6	17.5	16.7	18.9	16.9	17.1	16.3	16.1	16.1	**16**	16.1	17
18.3	19	19.4	**20.6**	18.7	18.8	18.1	18.4	18.5	18.4	18.2	18.2	17.3
18.3	16	15.2	14.4	**13.7**	14.5	14.9	15.3	15	15.3	15.5	15.6	16.6
18	18.7	16.9	16.2	14.1	14.4	14.6	14.5	14.3	14.3	14.2	**14**	15.7
20.4	19.1	19.4	**21**	16.6	16.6	18.4	18	17.7	17.7	17.6	17.2	17.4
18.8	20.1	18.9	19.5	21.4	**21.5**	20.2	19.3	19.7	19.8	20.5	20.7	18.9
21.1	**21.2**	20.1	19.2	19.5	19.3	19.7	19.6	18.9	17.8	17.9	18.1	19.1
20.4	**21.7**	19.1	20.6	21.3	20.5	20.6	19.8	19.5	18.4	18.6	18.2	19.3
20.5	19.3	19.6	**15.7**	15.8	16.2	16.1	16.7	16.9	16.8	17.2	17.1	17.7
18.3	19.2	**19.5**	18.1	17.9	17.4	17.6	18.2	17.8	17.7	17.9	18	17.6
15.4	14.8	15.1	**14.6**	**14.6**	14.8	15.5	16.2	15.8	16.4	15.6	16.1	16.6
16.3	17.3	17.4	17	17.6	17.7	18.1	18.6	18.8	19	19	**19.2**	17.4
22.1	**22.9**	22.2	21.3	22.3	21.4	21	21	20.5	19.9	20	20	**20.6**
20	19.3	**18.1**	20.3	20.5	21.1	21.1	21.2	20.6	20.5	20.1	19.6	20.3
20.5	20.2	20.5	20.4	18.8	18.3	18.1	**16.9**	**16.9**	17.1	17.1	17.2	19.2
17.7	17.2	**16.7**	17.1	17.7	17.6	18.3	18	19	19	19.3	19.6	18.1
18.4	**15.5**	17.4	17.3	17.4	18.2	18.3	18	18.2	18.7	19	19.3	19.3
19.6	19.6	20.6	22.3	22.3	**22.5**	21.4	19.9	19.8	19.5	19.1	**19**	20.3
16.3	17.5	17.1	17.9	16.1	**15.7**	15.8	15.8	16.4	16.6	16.7	16.4	17.3
18.3	17.8	17.3	17.1	16.7	16.9	16.9	17.2	16.9	17.2	17	17	17.6
18.7	17	17.4	17.4	16.3	**16.1**	16.9	17	16.8	16.8	16.7	16.8	17.8
18.1	17.8	17.6	17.6	17.6	17.5	17.5	17.4	17.3	17.2	17.3	17.3	17.5

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Ci.	----	Ci.	----	Ci.	----	Ci.	----	Ci.	----	Ci.	----
2	----	----	----	----	----	----	----	----	----	----	----	----
3	----	----	----	----	----	----	----	----	----	----	----	----
4	Ci.	----	Ci.	----	Ci.	SW	Ci.	----	Ci.	----	Ci.	----
5	Ci.	----	Ci.	WSW	Ci.-S.	WSW	Ci.	----	Ci.	----	Ci.	----
6	Ci.	----	Ci.	----	Ci.	----	----	----	Ci.-Cu.	----	----	----
7	Ci.	----	Ci.	----	Ci.	SW	Ci.	----	Ci.	SWbyS	Ci.	----
8	Ci.	----	Ci.	----	----	----	----	----	----	----	----	----
9	Ci.	----	Ci.	----	Ci.	----	----	----	----	----	----	----
10	Ci.	SSW	Ci.	----	Ci.	SSW	Ci.	----	Ci.	SSW	Ci.	----
11	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	----	----	Ci.-S.	----
12	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----
13	Ci.-S.	ESE	Ci.	ESE	Ci.	----	Ci.	----	Ci.	----	Ci.	----
14	Ci.-S.	----	Ci.-S.	----	Ci.-S.	SE	Ci.-S.	SE	Ci.-S.	----	----	----
15	----	----	A.-Cu.	----	A.-Cu.	E	A.-Cu.	E	Ci.-S.	----	Ci.-S.	----
16	Ci.	----	Ci.	----	Ci.	----	Ci.	----	Ci.	----	Ci.	----
17	A.-Cu.	----	Ci.	----	Ci.	----	Ci.	----	----	----	----	----
18	----	----	Ci.-S.	----	A.-Cu.	----	----	----	A.-Cu.	----	Ci.-S.	----
19	Ci.	----	Ci.	----	Ci.-S.	----	Ci.-S.	SEbyE	----	----	----	----
20	Ci.	S	Ci.	----	Ci.	----	Ci.	----	Ci.-S.	----	----	----
21	Ci.	----	Ci.-S.	----	Ci.-S.	S	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----
22	----	----	Ci.-S.	----	Ci.-S.	----	----	----	A.-Cu.	----	Ci.-S.	----
23	----	----	A.-Cu.	NEbyE	A.-Cu.	----	----	----	----	----	----	----
24	A.-Cu.	SE	A.-Cu.	SEbyE	A.-Cu.	SE	A.-Cu.	----	A.-Cu.	----	A.-Cu.	----
25	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----
26	Ci.	----	Ci.	----	Ci.	----	----	----	----	----	----	----
27	----	----	----	----	----	----	----	----	----	----	Ci.-S.	----
28	A.-Cu.	----	A.-Cu.	ENE	A.-Cu.	E	Ci.-Cu.	----	----	----	----	----
29	----	----	----	----	----	----	----	----	Ci.	----	----	----
30	----	----	----	----	----	----	----	----	----	----	----	----
31	A.-Cu.	----	A.-Cu.	----	Ci.-Cu.	----	A.-Cu.	NE	----	----	A.-Cu.	----

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.	----	----	----	Cu.	E	Cu.	E	Cu.	E	Cu.	----
2	S.-Cu.	----	Cu.	----	Cu.	----	Cu.	E	Cu.	E	Cu.	E
3	Cu.	----	Cu.	----	Cu.	----	Cu.	E	Cu.	E	Cu.	E
4	Cu.	----	Cu.	----	Cu.	----	Cu.	E	Cu.	----	Cu.	----
5	Cu.	----	Cu.	----	Cu.	----	Cu.	E	Cu.	E	Cu.	E
6	Cu.	----	Cu.	----	Cu.	----	Cu.	ESE	Cu.	ESE	Cu.	ESE
7	Cu.	----	Cu.	----	Cu.	----	Cu.	E	Cu.	E	Cu.	E
8	Cu.	----	Cu.	----	Cu.	----	Cu.	----	Cu.	E	Cu.	E
9	Cu.	----	Cu.	----	Cu.	----	Cu.	ESE	Cu.	E	Cu.	E
10	Cu.	----	Cu.	----	Cu.	----	Cu.	----	Cu.	----	Cu.	----
11	Cu.	----	Cu.	----	S.-Cu.	E	Cu.	E	N.-cf.	E	N.-cf.	E
12	----	----	----	----	----	----	Cu.	----	Cu.	----	Cu.	----
13	Cu.	----	Cu.	----	Cu.	----	Cu.	EbyN	Cu.	----	Cu.	----
14	S.-Cu.	----	S.-Cu.	----	S.-Cu.	NE	S.-Cu.	NE	S.-Cu.	ENE	N.-cf.	ENE
15	S.-Cu.	ENE	S.-Cu.	----	S.-Cu.	----	S.-Cu.	----	N.-cf.	----	N.	----
16	Cu.	----	Cu.	----	Cu.	E	Cu.	E	Cu.	E	Cu.	E
17	S.-Cu.	----	S.-Cu.	----	Cu.	NE	Cu.	NE	Cu.	ENE	Cu.	ENE
18	S.-Cu.	E	Cu.	E	Cu.	----	Cu.	----	N.-cf.	----	N.-cf.	----
19	S.-Cu.	----	S.-Cu.	----	Cu.	----	Cu.	ENE	N.-cf.	ENE	N.-cf.	----
20	Cu.	NEbyE	Cu.	----	Cu.	----	Cu.	----	Cu.	E	N.-cf.	E
21	Cu.	----	Cu.	----	Cu.	----	Cu.	ENE	Cu.	ENE	Cu.	----
22	N.-cf.	----	N.	----	S.-Cu.	ENE	Cu.	----	Cu.	NEbyE	Cu.	----
23	N.	NE	Cu.-N.	----	Cu.-N.	----	N.	EbyN	Fr.-N.	E	N.	----
24	Cu.	----	Cu.	----	Cu.	ESE	Cu.	----	Cu.	ESE	Cu.	ESE
25	Cu.	----	Cu.	----	Cu.	EbyN	Cu.	EbyN	Cu.	EbyN	Cu.	----
26	Cu.	----	Cu.	----	Cu.	E	Cu.	E	Cu.	E	Fr.-Cu.	E
27	N.	----	Fr.-N.	E	Fr.-N.	----	Cu.-N.	E	Fr.-N.	----	Fr.-N.	----
28	S.-Cu.	NNE	Cu.	----	Cu.	----	Cu.	----	Cu.	----	Cu.	NEbyE
29	Cu.	----	Cu.	----	Cu.	----	Cu.	E	Cu.	E	Cu.	----
30	Cu.	----	Cu.	----	Cu.	E	Cu.	E	Cu.	E	Cu.	E
31	S.-Cu.	----	S.-Cu.	----	Cu.	E	Cu.	E	Cu.	E	Cu.	E

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Ci.											
						Ci.-S.				Ci.-S.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
Ci.		Ci.	SWbyS	Ci.		Ci.		Ci.	SW	Ci.	
								Ci.		Ci.	
				Ci.		Ci.		Ci.		Ci.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
		Ci.-S.		Ci.-S.		Ci.-S.		Ci.		Ci.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-Cu.	
				Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.						Ci.-S.	
Ci.		Ci.		Ci-S.				Ci.-S.		Ci.	
A.-Cu.				A.-Cu.		Ci-.S.		Ci.-S.		Ci.-S.	
								Ci.		Ci.	
								Ci.		Ci.	
Ci.-S.	SE	Ci.-S.	SE	Ci.-S.	SE	Ci.-S.	SE	Ci.-S.		Ci.-S.	
Ci.-S.				Ci.-S.		Ci.-S.					
A.-Cu.		A.-Cu.		Ci.-S.				A.-Cu.	SbyE		
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
										Ci.-S.	
		Ci.-S.	ENE	Ci.-S.		Ci.-S.		A.-Cu.			
Ci.-S.		Ci.-S.		Ci.-S.						A.-Cu.	
Ci.		Ci.									
Ci.		Ci.		Ci.		A.-Cu.		A.-Cu.		Ci.	
A.-Cu.		Ci.				A.-Cu.				Ci.	

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.	
Cu.	E	Cu.		Cu.	E	Cu.	E	Cu.-N.	ENE	Cu.-N.	
Cu.	E	Cu.	E	Cu.		Cu.		Cu.			
Cu.		Cu.		Cu.	SE	Cu.		Cu.		S.-Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.	E	Cu.	EbyS	Cu.		Cu.		S.-Cu.	ESE	S.-Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.			
Cu.	E	Cu.		Cu.	SEbyE	Cu.		Cu.	E	Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.			
N.-cf.		N.-cf,		N.-cf.		N.-cf.		S.-Cu.		Cu.	
Cu.		Cu.	E	Cu.	NE	Cu.		Cu.		Cu.	
Cu.		Cu.	E	Cu.		Cu.	E	Cu.			
Cu.-N.	ENE	N.-cf.	ENE	N.-cf.	ENE	N.-cf.	ENE	Cu.	EbyN	Fr.-Cu.	
N.		N.		N.-cf.	ESE	Cu.-N.	ESE	S.-Cu.	ESE	S.-Cu.	
Cu.		Cu.		N.-cf.		N.	ENE	N.	ENE	Cu.-N.	
Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	
N.-cf.		N.-cf.	E	N.		S.-Cu.	E	S.-Cu.		S.-Cu.	
Cu.	E	Cu.		Cu.	EbyN	Cu.		Cu.		Cu.	
N.-cf.		Cu.	EbyN	Cu.	E	Cu.		Cu.		Cu.	
Cu.	NE	Cu.	NE	Cu.	NE	Cu.	NE	S.-Cu.		S.-Cu.	
Cu.		Cu.		Cu.	NEbyN	Cu.-N.	NEbyN	N.	NEbyN	S.-Cu.	
Fr.-N.		Fr.-N.		N.	ENE	N.	ENE	N.		Fr.-N.	
Cu.		Cu.		Cu.-N.	E	Cu.-N.	E	Cu.-N.	SE	Cu.-N.	
Cu.		Cu.	NE	Cu.	NE	Cu.	NE	Cu.-N.		Cu.	
Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.	E	Cu.	
Cu.-N.		Cu.-N.		Cu.		N.-cf.		N.-cf.	E	Fr.-N.	
N.-cf.	ENE	Cu.	EbyN	N.-cf.	ENE	Cu.		N.-cf.	ENE	Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.-N.	NE	Cu.		Cu.		Cu.-N.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	Calm		NEbyE	0.5	NEbyE	0.5	NEbyE	0.5	ENE	1	Calm	
2	SE	1.5	NE	1.5	NE	1.5	NE	1.5	NE	1.5	NNE	1
3	Calm		Calm		NE	.5	Calm		NE	1	Calm	
4	Calm		NE	1	N	1.5	NNE	1.5	NNE	2	Calm	
5	ESE	.5	NE	1	NE	1	NE	.5	Calm		Calm	
6	Calm		Calm		Calm		Calm		N	1.5	NbyE	1
7	EbyS	1	Calm		Calm		Calm		NNE	1	N	3.5
8	Calm		ESE	1	Calm		Calm		NE	1.5	Calm	
9	ESE	.5	Calm		Calm		ESE	1	ENE	.5	Calm	
10	Calm		E	1	E	1.5	NE	2	Calm		Calm	
11	NE	.5	NE	1	NE	1	Calm		Calm		NNE	.5
12	NNE	1	NNE	1	Calm		NNE	2	NNE	2	NNE	.5
13	Calm		Calm		Calm		ESE	.5	Calm		Calm	
14	Calm		NE	1	NE	1	NE	1.5	NNE	.5	NNE	1
15	Calm		Calm		E	.5	Calm		Calm		Calm	
16	Calm		Calm		E	1	Calm		NNE	.5	Calm	
17	Calm		NNE	.5	Calm		Calm		NNE	.5	Calm	
18	Calm		Calm		Calm		Calm		NE	1	Calm	
19	Calm		Calm		Calm		Calm		Calm		Calm	
20	NNE	1	Calm		Calm		Calm		Calm		NNE	.5
21	NE	1.5	NE	1.5	NE	3	NEbyN	3.5	NEbyN	2.5	NNE	2.5
22	NNE	4	NNE	1	NE	.5	NNE	4.5	NNE	3	NNE	2
23	NNE	1.5	NNE	1.5	Calm		NNE	1.5	Calm		Calm	
24	NNE	1	NNE	.5	Calm		NNE	1	NNE	1	Calm	
25	ESE	1.5	ENE	2	NE	2	NE	2	NNE	2	N	2
26	NNE	1.5	NE	2	NE	2	NE	2	Calm		Calm	
27	E	1	ENE	1.5	NNE	2.5	N	2.5	N	2	NNE	.5
28	N	1.5	NE	.5	NW	2	N	1.5	NNE	1.5	N	1.5
29	ESE	2.5	ESE	.5	E	1.5	Calm		E	1	E	.5
30	ESE	1.5	ENE	1.5	E	1.5	EbyS	.5	NE	1.5	NE	1
31	Calm		NNE	1.5	NE	1	ENE	1.5	Calm		ENE	.5
Mean		.8		.8		.8		1		.9		.6

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	W	4	W	3.5	W	0.5	SSW	2.5	ESE	4.5	SE	2.5
2	W	3	W	3	W	.5	Calm		SE	2.5	E	.5
3	SE	8	SE	6	SSE	5.5	SE	4.5	SE	6	SE	5
4	W	2.5	WSW	3	Calm		SEbyS	10	ESE	2.5	SE	4.5
5	ESE	8.5	E	5	SE	7.5	SE	5	SE	10	ESE	3
6	SE	2.5	SEbyS	5.5	ESE	2	SE	5	ESE	2.5	ESE	2.5
7	W	1.5	SSW	2	SEbyS	10	SSE	5	SE	5	SE	3.5
8	W	3	ESE	5	SE	6	SE	7.5	SE	6.5	SE	4.5
9	SE	3	ESE	4	SE	7	ESE	4.5	ESE	4.5	ESE	3
10	ESE	5	ESE	11	SE	5.5	ESE	7.5	ESE	5	ESE	2.5
11	ESE	3.5	NE	2	NW	3	NW	3.5	NW	.5	ESE	1.5
12	W	4	W	2	W	1.5	W	2	SE	2	SEbyS	4.5
13	W	4.5	W	3	S	6.5	E	2.5	E	3.5	E	2
14	N	3	NNE	1.5	NEbyE	3	NE	1	NEbyE	3.5	ENE	3
15	NW	1.5	N	2	Calm		ESE	.5	E	4.5	Calm	
16	W	3.5	WSW	3	W	3	Calm		Calm		ESE	1.5
17	W	2	W	2	W	3.5	WSW	1	SSE	4	SSE	4.5
18	Calm		SSW	.5	Calm		Calm		Calm		Calm	
19	ESE	2	WNW	3.5	W	1.5	NE	2.5	NE	2	NE	2
20	SW	1	WSW	1	WSW	2.5	ENE	2	NE	4	NE	3
21	N	5	NE	7	NEbyE	8	NE	6	NE	6	NE	4
22	N	3	ENE	5	NEbyN	4	NbyE	7	NE	5	ENE	5
23	S	1	SW	.5	Calm		E	2	Calm		NNE	1.5
24	E	3.5	E	4.5	SE	5	SEbyE	3	SE	5.5	SE	3
25	ESE	4	ESE	3	SE	10.5	EbyS	3.5	E	6	EbyS	.5
26	ENE	2.5	ENE	1.5	NE	4.5	E	2.5	NE	4.5	NE	3
27	E	5	E	6	ENE	5	E	6	ESE	3	NE	1
28	SSE	5.5	SE	3	SE	2.5	NW	4	NW	1	Calm	
29	ESE	.5	SE	6	SE	5.5	SE	2.5	ESE	2	ESE	3.5
30	ESE	6	SE	8	SE	4	SE	5	ESE	2	ESE	3.5
31	SE	2.5	SE	2	SEbyS	7	SEbyS	4	SEbyS	6	SE	4
Mean		3.4		3.7		4		3.6		3.7		2.7

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	--------	Calm	--------	Calm	--------	NNW	1.5	WNW	2.5	WNW	3
NNE	1	NNE	1.5	WNW	2.5	W	2.5	W	3.5	W	3
Calm	--------	Calm	--------	Calm	--------	WSW	3	W	2.5	W	2.5
Calm	--------	Calm	--------	Calm	--------	W	2	WbyN	4	W	2
Calm	--------	Calm	--------	Calm	--------	NW	1	NWbyW	4.5	NNW	1.5
Calm	--------	Calm	--------	NW	2	WNW	2	ESE	2	Calm	--------
NNE	2.5	NNE	1.5	Calm	--------	W	2.5	W	5	W	4.5
ENE	.5	Calm	--------	Calm	--------	W	3	WNW	3.5	WNW	4
Calm	--------	Calm	--------	WNW	3	NW	2.5	W	3.5	W	1.5
Calm	--------	Calm	--------	E	1	E	3	W	5	W	5
NNE	.5	Calm	--------	Calm	--------	W	2.5	SSW	1.5	S	1.5
Calm	--------	N	3	N	.5	W	4.5	W	4	W	1.5
Calm	--------	ESE	1.5	SE	4.5	E	2.5	W	4	WNW	3.5
NNE	.5	N	3	NNE	3	NNE	1.5	ENE	2	NbyW	4.5
NE	1.5	N	2.5	N	6	NNW	3.5	N	5	Calm	--------
Calm	--------	Calm	--------	N	.5	W	3	W	4	W	3
Calm	--------	NNE	2	Calm	--------	WNW	3	W	5	W	2.5
Calm	--------	E	1.5	WNW	2	NW	.5	E	1	S	1.5
ENE	1	Calm	--------	NE	1	Calm	--------	Calm	--------	SSE	.5
Calm	--------	NNE	1	Calm	--------	ENE	1.5	Calm	--------	SW	2
NNW	.5	N	.5	N	4	N	4	NE	3	ENE	4
NNE	4	NNE	7	NNE	2	NE	4.5	NNE	7.5	NNE	4
N	2.5	Calm	--------	N	5	N	4.5	NbyW	5	E	1.5
NNE	.5	NNE	.5	ENE	1	ESE	3	E	1	ESE	2
N	1.5	Calm	--------	Calm	--------	ENE	5	EbyS	6	ESE	3
NNE	.5	Calm	--------	NNE	1	ENE	1.5	ENE	4.5	ENE	3.5
NNE	2	NNE	.5	Calm	--------	Calm	--------	ESE	4	E	1
Calm	--------	Calm	--------	NW	1.5	WNW	2	WNW	3	W	3
Calm	--------	E	1.5	E	1.5	ENE	3.5	W	3	W	1.5
Calm	--------	Calm	--------	Calm	--------	NW	.5	W	3	SEbyS	7
Calm	--------	Calm	--------	E	2.5	SE	5	SE	3	SE	4
------------	.6	------------	.9	------------	1.4	------------	2.5	------------	3.4	------------	2.6

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		12 m. n.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
SE	1	SE	1.5	SE	2.5	SE	3.5	SE	1.5	SE	2	1.6
E	2	ESE	2	ESE	2	ESE	.5	ESE	1	Calm	--------	1.6
SE	1	SE	1.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	2
ESE	1	ESE	2	ESE	1	Calm	--------	SEbyE	2	ESE	.5	1.8
ESE	.5	E	1	E	1	E	1.5	Calm	--------	Calm	--------	2.2
ESE	3	ESE	2.5	SEbyE	1.5	ESE	1.5	ESE	1.5	ESE	1.5	1.7
SE	3	SE	3	SE	3	SE	2	SE	2	SE	1.5	2.6
SE	4	SEbyE	2	SEbyE	2.5	SEbyE	3	SE	1.5	SE	.5	2.5
ESE	2	Calm	--------	ESE	1	ESE	2	ESE	1.5	ESE	1	1.9
ESE	3	SE	2	ESE	1.5	ESE	1.5	ESE	2	E	2.5	2.8
E	1.5	E	1.5	ESE	1.5	Calm	--------	Calm	--------	Calm	--------	1.1
ESE	2	ESE	2	ESE	2	ESE	1	ESE	1.5	Calm	--------	1.9
E	1	E	2	ESE	4.5	ESE	3.5	Calm	--------	ENE	1	2.1
Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	1.4
Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	1.1
ESE	.5	E	1	Calm	--------	E	1	ESE	1.5	ESE	1	1.2
Calm	--------	Calm	--------	ENE	1.5	Calm	--------	Calm	--------	Calm	--------	1.3
Calm	--------	Calm	--------	ESE	1.5	ESE	.5	Calm	--------	Calm	--------	.4
NE	1	Calm	--------	Calm	--------	ENE	.5	Calm	--------	ENE	.5	.8
NE	.5	NE	1	NE	1.5	NE	1.5	NE	2	NE	2	1.2
NNE	3.5	NNE	2.5	Calm	--------	NNE	1.5	NNE	2	Calm	--------	3.2
ENE	2	ENE	1.5	EbyN	1.5	NEbyN	1.5	NEbyE	1	Calm	--------	3.4
NNE	2.5	NNE	2	NNE	1	NNE	3	NNE	1	Calm	--------	1.6
ESE	1	SE	2	E	1.5	ESE	1.5	ESE	4	ESE	2.5	2
EbyS	.5	ESE	2	ESE	2	ENE	1.5	NE	1.5	NE	1	2.6
ENE	1.5	E	1	E	1	Calm	--------	Calm	--------	NE	1.5	1.8
ENE	.5	E	2.5	ENE	.5	N	1	N	1.5	Calm	--------	2.1
Calm	--------	NE	1.5	E	2	E	1	E	1.5	E	2	1.8
E	2.5	ESE	3	ESE	3	ESE	2	ESE	2	ESE	1.5	2.1
ESE	3	ESE	2	ESE	3	ESE	3	ESE	2.5	ESE	2	2.6
SE	3	SEbyE	3.5	SEbyE	3.5	SEbyE	2	SEbyE	2	ESE	1	2.5
------------	1.5	------------	1.6	------------	1.5	------------	1.3	------------	1.3	------------	.8	1.9

WIND—FORCE IN KILOMETERS PER HOUR.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	2	4.5	2	4	4.5	4.5	4.5	2.5	2	8	13.5	18
2	7	7.5	5.5	6	4	5	6	5	7.5	10.5	13.5	14
3	0	1.5	2.5	1	3.5	2	3.5	2	2	4.5	15	11
4	.5	1.5	8	5	9	4	4.5	3	3	9.5	14.5	15.5
5	2.5	4	4	3	1	1	1	1	.5	4.5	11	8.5
6	0	.5	0	.5	7	6	2	2	5	7	6	11
7	3.5	.5	1.5	.5	2.5	6	6.5	9	4.5	8.5	13	15.5
8	4	4.5	3.5	1.5	5.5	4	2	1	1.5	7	16	19
9	2.5	3.5	1.5	3	4	3	1	1	4.5	10.5	11	10.5
10	4.5	2.5	4.5	8.5	5	.5	0	.5	1.5	6.5	10.5	18.5
11	5	5	5.5	5.5	0	4	3.5	4.5	2	5	11	5.5
12	4	4	2	5	7	4.5	5.5	10	8	9	**18**	17
13	.5	1	1	2.5	1.5	2.5	.5	2	8	11	16.5	**20**
14	1	1.5	2	3	5	6	5.5	9	13	9.5	6	7
15	0	0	5.5	3.5	0	1.5	2	8.5	16.5	12	**18.5**	14.5
16	0	.5	.5	1.5	0	1	.5	2	5.5	5	15	16
17	3	1.5	.5	1	3	1	0	7.5	6.5	4	**16.5**	14
18	0	.5	.5	.5	2.5	3	.5	.5	3.5	**13.5**	9	7.5
19	0	0	0	.5	.5	.5	1.5	.5	3.5	1.5	4	4
20	4	2	1	1	0	1.5	1.5	2	9	4	8.5	8.5
21	6	6	10	12.5	8.5	7.5	3.5	5	6.5	21	18	11
22	11	9	3.5	7.5	13	12	12	19	18	15	25.5	29.5
23	5.5	6	3	4	2.5	3	4	6	10	13.5	**21**	**21**
24	3	3.5	1.5	5	4.5	3	4	2	8.5	10.5	20.5	18
25	9	4	6	7	7.5	5.5	6	4	1.5	10.5	17	15
26	4.5	5	8	8.5	6.5	2	4	4	3	3	**18**	17
27	4.5	3.5	6.5	11	9.5	6.5	4.5	2.5	8	7.5	7.5	10.5
28	3	2.5	2.5	7	7.5	5.5	4	5	6	9	**16.5**	15.5
29	8	7.5	4	3	4.5	5	2	2.5	4.5	8	16	14
30	7	6.5	5.5	4	5	5	6	4.5	2.5	6	12	8
31	5.5	3	4	4.5	4	.5	0	1.5	7.5	13.5	16	17
Mean	3.6	**3.3**	3.4	4.2	4.5	3.8	**3.3**	4.2	5.9	8.7	14	13.9

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. m.
1	5	2	3	6	4	3	5	4	7	5	4	2	4.2	9 40
2	1	1	2	2	3	2	4	6	7	6	8	4	3.8	9 20
3	0	0	0	0	0	0	2	3	2	3	3	2	**1.2**	10 30
4	8	7	5	5	7	8	7	6	5	5	7	7	6.4	8 45
5	1	3	5	5	6	6	7	6	7	5	4	3	4.8	10 25
6	3	2	1	4	4	4	5	4	5	4	3	3	3.5	9 00
7	5	4	5	5	5	5	4	4	4	5	6	8	5	9 05
8	2	2	2	2	5	4	3	2	2	1	1	2	2.3	10 55
9	2	1	2	6	7	4	3	3	2	1	3	3	3.1	10 30
10	3	3	2	3	3	3	2	3	4	5	5	5	3.4	9 40
11	7	7	7	7	7	8	8	9	7	5	6	3	6.8	3 30
12	8	8	8	7	7	9	6	7	7	7	6	5	7.1	9 15
13	5	5	5	5	4	7	9	8	7	9	10	10	7	6 00
14	10	10	10	10	10	10	10	9	8	6	3	3	8.2	2 10
15	10	9	9	8	8	10	9	10	10	10	10	10	9.4	0 55
16	3	3	5	7	6	7	10	8	9	10	10	9	7.2	6 45
17	3	1	1	1	4	5	6	7	7	7	7	8	4.8	8 15
18	10	10	8	9	10	10	10	9	9	9	6	5	8.8	2 15
19	3	4	4	6	9	10	7	8	4	3	3	3	5.3	8 55
20	3	2	3	4	9	10	10	8	9	9	8	4	6.6	4 00
21	3	5	8	9	8	8	8	7	6	7	7	7	6.9	6 30
22	10	10	9	10	10	10	10	10	10	10	10	10	**9.9**	1 05
23	10	9	8	10	10	10	10	10	10	10	10	10	9.8	2 05
24	10	10	9	10	8	10	7	5	7	9	10	10	8.8	7 05
25	7	5	4	6	6	6	7	6	8	9	9	8	6.8	9 20
26	1	1	5	6	6	5	5	6	7	4	4	2	4.3	7 30
27	10	10	10	10	10	10	10	9	9	10	8	10	9.7	**0 45**
28	9	7	6	4	5	9	8	7	9	6	8	4	6.8	
29	2	2	2	4	6	5	5	6	2	1	0	0	2.9	**11 10?**
30	0	0	1	2	4	3	5	5	4	4	3	3	2.8	10 05
31	1	1	1	3	4	3	2	5	4	4	1	1	2.5	10 25
Total														
Mean	5	**4.6**	4.8	5.7	6.3	**6.6**	**6.6**	6.5	6.4	6.1	5.9	5.3	5.8	7 12

WIND—FORCE IN KILOMETERS PER HOUR.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
19	14.5	14.5	9	14	12	11	5	7.5	6.5	10	6	8.3
15.5	14.5	10.5	10	15	12	5	5.5	5.5	6.5	2.5	4.5	8.3
16	25.5	25	**26.5**	21.5	17.5	9	3.5	3	0	.5	0	8.2
14	11.5	8.5	**16**	**16**	15.5	11.5	9	6.5	3.5	4	6.5	8.4
19	**27.5**	21	24.5	21.5	17	7	4	4	5.5	4	.5	8.2
7	**17**	16.5	16	13.5	12	11	10	6	6	5.5	6	7.2
12.5	8	17	**26**	21	17	10	14	11	10	7	7.5	9.7
18	15	**24**	22	20	18	13	12	7	10	8	5.5	10.1
16	17.5	18	17	**18.5**	14.5	13	5.5	2.5	5	6	5	8.1
15.5	24	**26**	21.5	21	16	12	11	5.5	5.5	6.5	5.5	9.7
8.5	**15**	9	10	9	9.5	5.5	5	7	4	.5	.5	5.8
17	13	9.5	7.5	6	11	15.5	11.5	7	8	5	3.5	8.7
16.5	10.5	12.5	13.5	15	16	11.5	10	13.5	14	6	.5	8.6
20.5	11.5	7.5	6.5	10	11	6.5	1	0	0	0	0	6
7	11.5	13	4.5	11	8.5	0	0	0	0	0	0	5.8
15	11.5	11	3.5	**17**	6	7	4.5	1.5	2.5	6	4.5	5.7
11.5	14	12.5	4	5.5	14.5	9	2.5	1.5	1	0	0	5.6
5	3	7.5	1	.5	2.5	1.5	2.5	1.5	7	1	1	**3.1**
6	11.5	16	8.5	**17**	13	8	5	1	1	1	4	4.5
9	8.5	6.5	12.5	**19.5**	15.5	9.5	5	6	6	6.5	6.5	6.4
20	25	**36.5**	24.5	26	19	14	11	2	2.5	6.5	7	12.9
28.5	**32**	30.5	24	25.5	20	13.5	6	5	6	3.5	2.5	**15.5**
7.5	8.5	11	4.5	2	9.5	8.5	7.5	6	8.5	7.5	2.5	7.6
20	**23**	22	17	17	12	11	10	7	6.5	14.5	12	10.7
21	**25**	22	22	22	14	8	7	8.5	6	5.5	4.5	10.8
17	14.5	13.5	15	15	16	7.5	5	2.5	3.5	.5	.5	8.1
20	17.5	18	15	12.5	11	5.5	12	5.5	3	3	4	8.7
13	14	15	16	11	4.5	1	4.5	6	6	5	7	7.8
11	**22**	**22**	19	19	13	14	14	11	9.5	7	6.5	10.3
24	**26.5**	25	19.5	18.5	14	12.5	10	9.5	8.5	11	7	10.8
16	**19**	**19**	18	**19**	13	12	11	9.5	11.5	8	5	9.9
15	16.5	**16.8**	14.7	15.5	13.1	9.2	7.2	5.5	5.6	4.9	4.1	8.4

FREQUENCY OF THE WIND.

Day.	N.	NNW.	NW.	WNW	W.	WSW.	SW.	SSW.	S.	SSE.	SE.	ESE.	E.	ENE.	NE.	NNE.	Calm.	Total wind velocity.	Rain-fall.
																		Kms.	*mm.*
1		1		2	3			1			7	1		4			5	199	
2				1	6						2	4	2		4	3	2	198.5	
3					2	1				1	7				2		11	196.5	
4	1			1	3	1				1	2	5			1	2	7	200.5	
5		1	2								3	4	4		3		7	197.5	
6	1		1	1						1	3	9				1	7	173.5	
7	1				4			1		2	8	1				3	4	232.5	
8				2	2						10	2		1	1		6	242	
9			1	1	2						2	11		1			6	194.5	
10					2						2	9	5		1		5	233	
11			3		1			1	1			3	2		4	2	7	140	
12	2				7					1	1	5				5	3	208.5	
13				1	3				1		1	4	6	1			7	206.5	
14	3													4	4	6	7	143	
15	4	1	1									1	2		1		14	138	6.7
16	1				5	1						4	3			1	9	137.5	2.8
17				1	5	1				2				1		3	11	134.5	
18			1	1				1	1			2	2		1		15	**75.5**	**19.8**
19				1	1					1	1			3	5		12	108.5	
20						2	2							2	8	3	7	154	
21	4	1												2	10	5	2	309.5	
22	1												1	5	5	11	1	**372**	.8
23	4						1		1				2			9	7	183	5.4
24											5	6	4	1		6	2	256	5.8
25	2										1	10	1	3	4	1	2	258.5	11.3
26													3	6	7	3	5	194	
27	4											2	6	4	1	4	3	209	4
28	3		4	2	1					1	2		4		2	1	4	187	2.7
29					2						3	10	6	1			2	247	
30			1		1					1	3	11	1	1	2		3	258	
31										3	11	1	1	2	1	1	4	238	
Total	31	4	14	14	50	6	3	4	4	14	74	105	55	42	67	70	187	6,225.5	59.3
Mean	1	.1	.5	.5	1.6	.2	.1	.1	.1	.5	2.4	3.4	1.8	1.4	2.2	2.3	6	200.8	1.9

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
1	760.80	9-45a.	32.6	4-25p.	86	18.1	757.80	4-00p.	**17.7**	6-10a.	48	14.1
2	61.75	9-45a.	33.4	4-05p.	88	19.9	58.25	3-45p.	20.1	6-05a.	52	16.2
3	61.15	8-40a.	33.4	2-05p.	91	17.7	57.80	3-15p.	19.4	6-10a.	44	15.4
4	61.40	9-30a.	33.2	3-25p.	85	18.3	57.60	4-00p.	19.1	6-15a.	49	14.6
5	61.35	8-45a.	33.6	2-10p.	88	17.3	58.26	3-00p.	18.9	6-10a.	37	13.8
6	62.44	9-25a.	34	2-05p.	84	17.7	58.70	4-00p.	20.1	5-15a.	39	14.3
7	61.35	9-45a.	34.3	2-45p.	88	18.3	57.80	3-35p.	19.9	4-45a.	42	15.3
8	60.60	9-30a.	34.4	2-30p.	88	17.8	56.80	3-25p.	18.5	6-15a.	**36**	13.3
9	60.45	10-05a.	34.4	2-35p.	**81**	**17**	56.95	4-05p.	**17.7**	6-10a.	39	**13.1**
10	60.30	9-25a.	34.1	1-35p.	**81**	17.8	56.90	4-00p.	18.5	5-45a.	40	13.5
11	60.40	9-45a.	32.4	1-35p.	89	19.4	56.65	4-40p.	20	6-05a.	52	16
12	59.77	9-00a.	32.4	4-10p.	89	20.6	**56.35**	4-25p.	18.8	6-05a.	54	15.1
13	61.05	11-00p.	33.6	1-45p.	87.5	20.3	57.30	3-15p.	20.3	6-30a.	42	13.7
14	62	9-20a.	31.4	2-55p.	85	18.8	59.15	3-15p.	19.9	6-35a.	46	14
15	62.28	9-00a.	30.2	11-10a.	85	21	59.40	3-20p.	20.9	0-45a.	58	14.1
16	61.55	9-40a.	32.4	2-05p.	90	21.5	58	3-40p.	20.4	6-10a.	56	16.5
17	60.90	8-45a.	32.6	4-10p.	90	21.2	57.25	3-15p.	21.2	6-15a.	54	17.7
18	61.10	10-35a.	29.7	11-35a.	91	21.7	58.50	4-00a.	21.4	4-15a.	68	17.5
19	61.35	8-40a.	31.7	11-25a.	95	20.5	58.35	3-45p.	20.1	6-30a.	47	15.7
20	61.05	8-45a.	31.1	10-10a.	87	19.5	58.40	3-35p.	20.5	5-05a.	49	15.9
21	60.25	0-05a.	33.7	11-55a.	90	18.4	57.35	3-45p.	21.5	6-40a.	42	14.6
22	60.45	9-15a.	31.2	3-15p.	87	19.2	57.25	3-45p.	**23.5**	11-40p.	54	15.8
23	**59.19**	10-00a.	30.1	11-30a.	95	**22.9**	56.65	2-40p.	22.3	4-45a.	**73**	18.7
24	61	10-15p.	33.5	1-50p.	95	21.4	**56.35**	2-15p.	22.5	1-30a.	50.5	18.1
25	62.10	11-15p.	32.9	0-55p.	95	21.2	58.65	3-10p.	22.6	6-05a.	58	16.9
26	62.82	9-00a.	33.4	0-40p.	90	19.9	59.80	3-10p.	21.5	5-45a.	48	16.7
27	**63.32**	10-00a.	**29.5**	3-00p.	95	22	**60.35**	3-15p.	22.6	6-10a.	55	15.5
28	62.99	9-00a.	31.8	2-20p.	**96**	22.5	59.65	3-15p.	22.5	4-45a.	63	**19**
29	62.60	8-50a.	33.2	2-25p.	94	19.8	59.10	3-45p.	20.9	5-10a.	47	15.7
30	61.90	9-30a.	33.6	1-30p.	88	19.8	58.25	3-25p.	20.6	5-55a.	47	16.4
31	61.40	8-35a.	**34.5**	2-55p.	90	20.2	58.30	3-15p.	21.3	6-05a.	46	16.1
Mean	761.32	--------	32.7	--------	89.1	19.7	758	--------	20.5	--------	49.5	15.6

DAILY GENERAL REMARKS.

1----⌓, ≡ a.
2----≡ a.
3----⌓, ≡ a.; gusty SE winds in the afternoon.
4----Gusty SEly winds in the afternoon.
5----⌓, ≡ a.; gusty SEly winds in the afternoon.
6----≡ a.; Ci. extended from N to S in the afternoon.
7----⌓, ≡ a.; coloration of upper clouds at sunrise; gusty SEly winds in the afternoon.
8----Gusty SE winds in the afternoon.
9----As yesterday.
10----Do.
11----≡, ⌓ a.
12----≡, ⌓ a.
13----≡, ⌓ a.
14----≡ a.; d° 1.25 p.
15----≡ a.; p 11.35 a.; d 3 p.
16----● in the afternoon; coloration of clouds at sunset.
17----Coloration of upper clouds at sunset.
18----● in the afternoon.
19----Filaments of Ci. extended from NNW to SSE in the morning; d at noon.
20----Filaments of Ci. extended from N to S in the morning.^{2}
21----≡, ⌓°, convergence of Ci. toward ESE in the morning; ○ a. p.
22----Somewhat gusty NEly winds, d in the morning and afternoon; ●° at night.
23----⌒, ^{2}● in the morning and afternoon.
24----⌒, filaments of Ci. convergent toward SSW in the morning; ● at night.
25----● in the early morning; convergence of Ci. toward N in the morning; gusty SEly winds, d° in the afternoon; ⩊ p.
26----Somewhat gusty NEly winds in the afternoon.
27----⌒, ●a.; ⩀ p.
28----≡ a.; ● in the afternoon.
29----Somewhat gusty SE winds in the afternoon.
30----⌓ a,; ϟ SE in the evening.
31----ϟ NNW in the evening.

OBSERVATIONS FOR APRIL, 1909.

ATMOSPHERIC PRESSURE, 700$^{\text{mm}}$+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	60.15	59.85	59.55	59.80	59.90	60.38	60.93	61.37	**61.49**	61.18	60.86	60.13
2	60.30	59.70	59.30	59.30	59.95	60.33	60.96	61.38	**61.65**	61.63	61.18	60.40
3	60.70	60.10	59.90	59.95	60.40	60.98	61.62	61.97	**62.07**	61.83	61.53	60.76
4	60.45	60.10	59.95	60	60.30	60.72	61.28	61.87	**62.18**	61.89	61.63	60.81
5	59.85	59.40	59.10	59.15	59.40	59.94	60.63	61.20	**61.46**	61.34	60.88	60.41
6	59.60	59.35	58.85	58.65	58.80	59.34	59.71	60.07	**60.24**	60.18	59.78	59.24
7	58.75	58.35	58.10	58.05	58.25	58.60	59.30	**59.82**	59.80	59.62	59.33	58.76
8	58.90	58.55	58.45	58.30	58.70	58.89	59.15	59.89	**60.11**	59.93	59.78	59.08
9	59	58.60	58.55	58.65	58.90	59.59	60.14	**60.76**	60.69	60.54	60.01	59.21
10	59.70	59.30	59.10	59.15	59.45	59.92	60.29	60.73	**60.75**	60.51	60.16	59.57
11	59.50	59	58.75	58.85	59.20	59.82	60.28	60.66	60.87	60.75	60.46	59.76
12	60.65	60.20	60.05	60.15	60.25	60.59	61.20	**61.59**	**61.59**	61.53	61.39	60.50
13	60.05	59.70	59.60	59.50	59.85	60.22	60.73	**61.11**	60.99	60.87	60.67	59.96
14	59.75	59.10	58.95	58.95	59.15	59.65	59.88	60.58	**60.73**	60.44	59.98	59.52
15	59.25	59	58.80	58.95	59.25	59.40	59.95	60.57	**60.60**	60.37	59.79	59.04
16	58.35	58.05	57.75	57.95	58.15	58.44	59.12	59.57	59.57	**59.77**	59.42	58.42
17	58.75	58.50	58.40	58.45	58.60	58.98	59.29	59.88	**59.95**	59.74	59.44	58.73
18	59.15	58.90	58.55	58.50	58.85	59.25	59.64	60.03	**60.32**	60.20	59.81	59.40
19	59.55	59.40	59.25	59.30	59.55	59.57	60.03	**60.31**	60.12	59.73	59.21	58.42
20	58.20	57.75	57.40	57.70	58.05	58.57	59.02	59.38	**59.39**	59.06	58.84	58.34
21	58.60	58.25	58.30	58.35	58.70	59.06	59.49	59.64	**59.72**	59.61	59.48	58.62
22	58.90	58.60	58.20	58.30	58.60	59.17	59.57	59.86	**59.98**	59.55	59.25	58.65
23	58.60	58.30	58	57.95	58.35	58.66	59.14	59.47	**59.51**	59.41	59.17	58.57
24	58.45	58.30	58.05	58.15	58.40	58.54	58.98	**59.33**	59.17	59.08	58.62	58.18
25	59.05	58.60	58.25	58.30	58.70	59.01	59.42	59.64	59.69	59.50	59.16	58.70
26	59.10	58.80	58.55	58.50	58.80	59.09	59.65	**60.17**	59.96	59.61	59.07	58.60
27	58.50	58.20	58.05	58.25	58.45	59.15	59.59	59.83	**60.12**	59.82	59.67	58.96
28	58.05	58	57.75	57.70	58.05	58.31	58.83	**59.23**	59.21	59	58.76	58.34
29	57.30	57.10	57	57.15	57.60	58.07	58.37	58.96	**59.16**	59.11	58.86	58.49
30	57.70	57.55	57.40	57.65	58.20	58.48	58.99	59.42	**59.69**	59.57	59.31	58.68
Mean	59.16	58.82	58.60	58.65	58.96	59.36	59.84	60.28	**60.36**	60.18	59.85	59.21

TEMPERATURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.1	23.3	23	22.6	**22.2**	22.3	24.5	28	29.9	31.3	31.7	31.8
2	24.1	23.1	22.6	22.3	22.1	**21.8**	23.6	27.3	28.6	29.3	32.6	33.1
3	24.4	23.8	23.3	22.8	22.7	**22.5**	24.2	27.4	28.8	29.2	30	30.3
4	24.1	23.7	23.3	23.2	23	**22.7**	24.2	27.6	29.7	30.1	30.5	31.5
5	24.6	23.9	23.9	23.2	22.8	**22.2**	24	27.2	29.9	30.4	31.3	33.2
6	24.6	23.5	22.6	22.1	**21.7**	21.8	24	27.5	29.2	29	30.5	30.7
7	25	25	24.5	24.2	24.2	**23.7**	25.6	27.7	29.5	29.6	29.4	30.1
8	25.1	25.1	25.1	25	25	**24.9**	25.5	26.6	28.7	28.8	28.6	29.7
9	24.2	24.2	24.1	23.9	23.2	**22.8**	25.3	27.7	28.7	29.9	30.5	31.8
10	25.3	25.1	24.6	24.7	24.6	**24.3**	25.6	27.8	30.3	30	31.4	32
11	25.4	25.3	25.1	25.5	25.6	24.8	26.4	28.4	28.8	28.7	29.9	30.6
12	23.4	22.5	21.9	21.6	21.2	**20.9**	23.8	27.1	28.7	28.5	30.2	31.1
13	24.9	23.6	23.1	23.1	22.6	**22.2**	24.5	28.8	31	32.5	33	34.1
14	24	23.7	23.5	23	**22.5**	22.9	25.2	29.2	30	30.2	31.6	32
15	25.2	24.9	24.5	**24**	24.2	24.2	25.7	28.8	30.7	33	33.7	34.9
16	25.8	25.4	25	24.9	24.4	**24.3**	26	28.9	29.5	29	30.5	31.9
17	24	23.6	23.3	22.9	22.6	**22.5**	24.7	27.6	28.6	28.4	32.3	33.3
18	24.8	24.1	24	23.3	23.2	**22.9**	25.8	29.5	32.2	32.3	33.3	34.5
19	25.4	25.2	24.5	24.1	23.8	**23.3**	26.8	28.6	29.6	32.6	33.5	34.6
20	24.8	24	23.3	23.1	**22.7**	**22.7**	26.4	29.6	31.2	32.2	33.3	34.5
21	25.4	24.6	24.9	24.3	24.2	**24.1**	27.2	29.3	31.3	30.1	29.9	32.2
22	25.9	25.8	25.7	25.3	**25.1**	**25.1**	26.4	29.5	30.6	32.3	33.2	33.1
23	25.3	25.3	25.3	25.4	25.3	**25.2**	25.5	28.6	30.5	30.8	32	32.3
24	26	25.9	25.3	25.1	24.9	**24.3**	25.7	28.6	30	30.3	30.5	31.6
25	26	25.8	25.3	24.6	24	**23.9**	25.1	28.3	30.3	30.9	33	32.6
26	26	25.6	25	24.2	23.9	**23.4**	26.4	27	31	32	33	33.6
27	24.6	23.9	23.8	23.8	23.9	**23.7**	27	29.2	30.7	31	31.3	31.6
28	26.1	25.8	25.2	25	24.5	**24.3**	26.8	29.5	31.5	31.7	32.5	32.1
29	26.8	26.5	25.8	25.3	25.6	25.2	26.6	28.8	30	29.5	**31.2**	30.5
30	25.1	24.5	24.8	24.5	24.4	**24**	25.8	28.3	29	30.3	31.5	32.2
Mean	25	24.6	24.2	23.9	23.7	**23.4**	25.5	28.3	30	30.5	31.5	32.2

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
59.56	58.95	58.62	**58.40**	58.66	59.06	59.66	60.25	60.70	61	60.90	60.80	60.09
59.64	59.09	58.59	**58.50**	58.95	59.55	60.12	60.70	61.05	61.40	61.10	61.05	60.24
59.87	59.14	58.82	**58.78**	58.86	59.37	59.67	60.15	60.70	61.05	61.40	61.15	**60.45**
60.02	59.36	58.81	**58.66**	58.73	58.97	59.28	59.70	60.10	60.55	60.50	60.35	60.26
59.57	58.87	58.25	**57.93**	57.96	58.04	58.60	59.05	59.55	60.15	60.20	60.05	59.62
58.41	57.59	57.06	**56.80**	56.89	57.40	57.82	58.25	58.75	59.25	59.20	59.05	58.76
57.83	56.96	56.44	**56.32**	56.34	56.61	57.36	57.85	58.40	59.05	59.25	59.05	58.26
58.42	57.73	57.60	**57.47**	57.86	58.12	58.65	59.10	59.50	59.90	59.85	59.55	58.90
58.40	57.69	**57.60**	57.65	57.74	57.98	58.65	59.10	59.70	60	60.15	59.80	59.13
58.60	57.84	57.64	**57.48**	57.63	58.10	58.42	59.25	59.65	60	60.30	59.70	59.30
58.77	58.20	57.80	**57.79**	58.09	58.47	59.12	59.60	60.20	60.40	60.75	**60.95**	59.50
59.67	58.99	58.47	**58.35**	58.64	59.05	59.46	59.70	60.10	60.40	60.40	60.25	60.13
58.95	58.44	58.10	57.89	**57.87**	58.39	59.05	59.50	60	60.15	60.10	60	59.65
58.78	58.07	**57.70**	57.87	58.09	58.42	58.70	59.25	59.60	59.75	59.60	59.45	59.25
57.96	57.17	56.77	**56.43**	56.88	57.70	58.03	58.50	59	59.30	59.20	59	58.79
57.61	57.74	57.67	**57.58**	57.74	57.73	58.26	58.95	59.50	59.55	59.35	59	58.55
58	57.41	57.06	**56.76**	57	57.60	58.28	59.15	59.55	59.90	59.80	59.45	58.69
58.60	57.94	**57.40**	57.49	57.59	58.07	58.76	59.25	59.60	60	59.95	59.65	59.04
57.83	57.08	56.43	**56.14**	56.34	56.53	57.32	57.60	58.05	58.70	58.80	58.60	58.49
57.53	56.75	56.48	**56.24**	56.53	56.93	57.45	58.05	58.75	58.95	59.05	58.70	58.05
57.71	57.06	56.64	**56.33**	56.78	57.55	58.14	58.60	59	59.35	59.40	59.10	58.48
57.85	57	56.27	**56.08**	56.49	57.23	57.66	58.55	58.95	59.30	59.75	59.15	58.45
57.86	57.20	**56.69**	56.86	57.11	57.56	57.86	58.10	58.75	58.95	58.85	58.55	58.31
57.25	56.60	56.34	**56.08**	56.28	57.01	57.62	58.10	58.60	58.95	59.05	59.10	58.09
57.85	57.11	56.71	**56.50**	56.91	57.45	58.35	58.80	59.25	59.75	**59.80**	59.55	58.59
57.82	57.16	56.68	**56.59**	56.83	57.37	58.09	58.40	58.80	59.05	59.15	58.75	58.52
58.06	57.22	56.59	56.23	**56.17**	56.71	57.39	57.85	58.45	58.95	58.95	58.65	58.33
57.49	56.70	56.40	**56.13**	56.34	56.89	57.76	58	58.40	58.50	58.25	57.70	**57.91**
57.51	57.23	56.76	**56.63**	57.11	57.84	58.28	58.55	58.65	58.80	58.75	58.25	57.98
57.85	56.93	56.25	56.05	**55.93**	56.72	57.82	58.25	58.50	58.90	58.85	58.45	58.05
58.38	57.71	57.29	**57.13**	57.34	57.81	58.39	58.87	59.33	59.66	59.69	59.43	58.93

TEMPERATURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
32.4	**32.4**	30.8	30.6	30.4	29	27.3	26.5	26	25.9	25.8	24.8	27.4
33.3	33	32.7	32	30.4	29	27.6	26.6	26.3	25.9	25.2	25.6	27.4
31.3	31.9	33.1	**33.2**	31.7	30.1	28.4	27.7	26.8	26.4	25.4	24.8	27.5
32	33.2	33.4	**33.5**	31.8	29.6	28.3	27.4	26.6	25.8	25.4	24.8	27.7
33.5	**33.5**	33.3	32.2	30.8	29.1	27.7	26.5	25.7	25.4	25.4	25.2	27.7
32.1	**32.4**	**32.4**	30.5	29.4	28.6	28.5	28.2	27.7	26.8	25.9	25.3	27.3
30.6	31	**31.3**	30.5	29.5	28.1	27.8	27.4	26.6	25.8	25	25.3	27.4
30.4	**32.1**	31.7	31	30.3	29	27.7	26.8	26.4	25.8	25.3	**24.9**	27.5
32.2	**32.7**	32.5	31.4	29.4	28.2	27.9	27.6	27.4	26.3	25.6	25.4	27.6
33.1	33.2	33.5	**33.8**	32	29.7	29.1	28.6	27.6	26.9	26.4	25.6	28.6
33.2	**33.5**	32.7	32.2	31	29.2	28.1	27.3	26.4	25.7	25	**24.4**	28
31	31.9	33.1	**33.3**	31.6	30.1	28.5	27.3	26.4	25.7	25.4	25.5	27.1
34.2	34.2	**34.6**	34.1	32.4	30.5	28.7	27.7	26.8	26.1	25.8	24.8	28.5
32	33.2	**33.7**	28.2	28.2	28	27.4	26.8	26.4	26.4	26.2	26	27.5
34.9	**35.2**	35	34.3	33.1	29.5	28.9	28.4	28.1	27.3	26.6	25.8	**29.2**
32	26.5	30	27.7	27.4	27	27.1	26.2	25.4	25.1	24.4	**24.3**	**27**
33.6	**34**	33.8	33.4	32	30.5	28.9	27.6	27	26.6	25.9	25.4	28
34.7	**34.8**	34.4	33.5	31.5	30.3	29.1	28.1	27.2	26.9	26.6	26.3	28.9
35.4	33	33.7	33.9	31.5	30.3	29.1	28.3	27.7	27.1	26.7	25.9	28.9
35.1	35.7	**36**	32.7	31.5	30.8	29.1	27.9	27.5	27.3	26.8	25.9	28.9
35	35.7	**35.8**	34.5	32.4	29.9	29.1	28.9	28.3	27.5	27.4	26.6	29.1
32.5	33.8	33.7	**34**	31.3	29.9	29.4	29.2	28.9	28.7	26.2	**25.1**	**29.2**
32.5	**32.9**	32.5	30.8	30.2	29.6	29.1	28.7	28.5	27.8	27.7	26.7	28.7
32.7	32.6	31.8	**33.4**	32.1	30.2	28.6	28.1	27.6	26.9	26.8	26.6	28.6
32.6	33	**34.2**	33.3	31.8	30.4	29.3	28.5	27.8	27.4	26.7	26.2	28.8
34.2	34.3	**34.4**	33.6	32.2	30.6	29.3	28	27.3	26.8	25.9	25.3	28.9
32.3	32.4	**33.6**	33.5	32.3	30.4	29.6	28.8	28.6	28.3	27.1	26.5	28.7
33.4	33.3	33.3	32.3	30.1	29.6	29	28.8	28.7	28	27.7	26.9	29
25.1	26.5	28.3	29.9	29.4	28.6	28.2	26.5	25.8	25.7	25.4	25.3	27.4
32.8	31.3	32.4	32.7	31.6	30.4	28	27.8	26.6	26	25.9	25.3	28.1
32.7	32.8	**33.1**	32.3	31	29.5	28.5	27.7	27.1	26.6	26.1	25.6	28.2

RELATIVE HUMIDITY.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	76	80	82	83	86	**89**	82	70	60	55	57	53
2	83	84	88	89	90	**91**	84	72	65	65	52	**49**
3	82	85	87	91	91	**92**	86	74	67	63	64	63
4	86	87	89	90	90	**91**	83	72	64.5	65	62	62
5	82.5	86	86	88	**91**	89	83	69	62	58	57	51
6	79	81	85	86	**89**	87	82	73	70	71	65	62
7	76	79	81	82	82	**85**	79	72	68	66	68	65
8	81	81	82	83	83	**84**	**84**	78	69	65	66	63
9	86	85	85	84	88	**90**	82	74	71	69	66.5	62
10	83.5	85	86	84	86	**87**	86	79	70	69	62	57
11	79	80	80	82	83	**87**	80	72	73	73	64	58.5
12	75.5	78	83	83	85	**87**	77	66	64	62	58	57
13	71	76	79	79	82	**84**	75	56	52	51.5	46	44
14	77.5	79	80	82	**86**	83	76	60	**55.5**	59	57	56
15	83	84	85	**88**	87	87	82	67	62	54	52	40.5
16	77	80	81	83	86	**87**	82	72	70	73	65	67
17	86	85	87	89	89	**90**	83	71	71	71	50	48
18	79	84	84	88	88	**89.5**	81	61	53	50	49	46
19	76	76.5	80	79	81	84	75	72	67	49	47	**46**
20	78	81	83	**84**	83	82.5	75	59	51	48	50	44
21	76	76	75	79	80	80	73	64	58.5	64	64	55
22	80	80	81	84	83	**88**	86	68	63	55	**51**	**51**
23	85	89	88	88	**90**	**90**	88	80	74	68	60	57
24	83	85	88	88	87	**91**	86	73	66	66	65	64
25	84	84	87	91	91	**93**	89	77	69	63	55	57
26	69	72	75	78	81	**85**	75	70	62	57	52	46
27	77	80	82	82	**83**	**83**	77	63	57	56	53	53.5
28	76	77	78	80	83	**86.5**	80	68	61	62	60.5	58
29	83	85	86	88	87	**89**	83	75	71	71	**64**	68
30	88	**90**	88	**90**	88	89	84	74.5	72	67	63	58.5
Mean	79.9	81.8	83.4	84.8	86	**87.4**	81.3	70	64.6	62.2	58.2	55.4

VAPOR PRESSURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	**16.9**	**16.9**	17.1	17	17.1	17.9	18.6	19.7	18.9	18.6	**19.8**	18.5
2	18.5	17.7	17.9	17.9	17.8	17.7	18.1	19.4	19	**19.7**	18.9	18.5
3	18.7	18.6	**18.5**	18.8	18.7	18.6	19.4	20.1	19.6	19	20.1	20.3
4	19.1	19	18.9	18.9	18.8	**18.7**	**18.7**	19.7	20	20.6	20.2	21.2
5	18.9	18.9	18.9	18.6	18.8	17.8	18.4	18.5	**19.4**	18.6	19.3	19.3
6	18.1	17.5	17.3	**17**	17.2	**17**	18.2	20	21.1	21.1	21.1	20.4
7	**18**	18.5	18.5	18.5	18.5	18.4	19.3	19.9	**20.8**	20.3	**20.8**	20.6
8	**19.2**	**19.2**	19.4	19.4	19.7	19.7	20.3	20.2	20.1	**19.2**	19.3	19.5
9	19.2	19	18.9	**18.5**	18.6	18.6	19.6	20.5	20.9	21.5	21.5	**21.8**
10	20	20.1	19.7	19.5	19.7	19.7	21	21.8	**22.3**	21.7	21.2	20
11	19	19.1	19	19.9	20.2	20.2	20.5	20.7	**21.4**	**21.4**	20.1	19.1
12	16.2	**15.9**	16.2	**15.9**	16	16	16.8	17.6	18.9	17.9	18.4	**19.1**
13	16.6	16.4	16.5	16.5	16.6	16.7	17.2	16.4	17.5	**18.7**	17.2	17.5
14	17.2	17.2	17.3	**17.1**	17.4	17.3	18.1	18.2	17.5	18.8	19.9	19.8
15	19.9	19.7	19.4	19.5	19.6	19.6	20.1	19.8	**20.2**	**20.2**	**20.2**	16.8
16	**19**	19.2	19.1	19.3	19.4	19.7	20.6	21.3	21.3	21.6	21.1	**23.5**
17	19	18.5	18.5	18.4	18.2	18.3	19.3	19.6	**20.5**	20.4	18	18.2
18	18.5	18.7	18.6	18.7	18.6	18.6	**19.9**	18.6	18.9	18	18.6	18.6
19	18.3	18.2	18.3	17.7	**17.6**	17.8	19.7	**20.9**	20.7	17.8	18.1	18.8
20	18.1	17.9	17.6	17.6	17.1	16.9	**19.2**	18.3	17.1	17.1	19	18.1
21	18.3	17.5	17.5	17.9	17.9	17.8	19.4	19.3	19.8	20.4	20.1	19.7
22	19.9	19.7	20	20.2	19.6	20.9	**21.9**	20.8	20.5	19.8	19.3	**19.1**
23	20.4	21.4	21.2	21.3	21.5	21.4	21.4	23.4	**23.9**	22.4	21.3	20.7
24	20.7	21	21	20.7	20.5	20.5	21.1	21.3	20.9	21.2	21.1	22.1
25	21	20.7	20.8	20.8	20.3	20.5	21.1	**22.1**	**22.1**	20.9	20.6	20.9
26	17.2	17.6	17.6	17.4	17.8	18.2	19.2	18.4	**20.8**	20.2	19.4	17.8
27	17.7	**17.6**	18	18	18.3	18.1	**20.3**	19	18.8	18.7	18.1	18.4
28	19	19	**18.6**	18.9	19	19.5	20.8	20.8	20.9	21.5	22	20.8
29	21.8	21.8	21.2	21.2	21.2	21.2	21.4	22	22.3	21.7	21.8	21.9
30	20.7	20.5	20.5	20.5	20	19.7	20.7	21.3	21.5	21.5	21.6	20.9
Mean	18.8	18.8	**18.7**	**18.7**	**18.7**	18.8	19.7	20	**20.3**	20	19.9	19.7

RELATIVE HUMIDITY.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
50	51	52	57	56	58	66	67	69	74	73	78	67.7
49	50	52	51.5	53	61	66.5	71	73	75	80	77	69.6
61	58	56	**51**	54	60	69	70	74.5	77	82	82	72.5
59.5	56	56	**53**	60.5	66	70	75	77	81	82	83	73.4
47	**42**	44	44	47	53	58	64	69	70.5	75	76.5	66.4
58	**55**	56	68	74	79	77.5	77	78	75	75	76	74.1
60	**59**	60	61.5	61	65	65	70	76	80	83	80	71.8
63	**58**	**58**	60	62	66	73	74.5	78	80	83.5	83	73.2
60	59	**58**	64	64	70	72	73	76	79	81	82	74.2
53	50	50	**46**	53	64	64	62	66.5	73	73	77	69.4
46	**44**	46	48	53	57	59	61	65	68	70	71	66.6
56	52	48	**45**	52	57	62	65	70	71	68	66	66.1
42	41	**40**	40.5	44	49.5	59	60	64	67	67	73	**60.1**
59	57	57	71	72	71	73	76	78	79	79	81	71
40.5	**39**	**39**	**39**	43	61	61	62	64	70	70	76	64
63	76	**63**	72	75	76	74	79	83	84	**87**	86.5	76.7
45.5	**42**	43	45	48	53	59	66	70	71	73	76	67.1
44	**43**	45	48	54	56	60	65	68	69	70	71	64.4
46	52.5	48	**46**	53	58	61	64	70	72.5	74	77	64.8
40	**37**	38	44	49	51	53	59	62	64	67	72	60.6
43	**39.5**	41	48	56	65	68	68	71	73	73	**85**	65.6
53	**51**	52	**51**	62	65	68	68	70	69	82	87	68.7
56	**55**	58	67	65.5	69	69.5	72	76	79	78	80	74.2
60	62	61	**57**	60	64	71	72	75	80	80	81	73.5
56	55	46	**43**	**43**	49	54	58	62.5	66	68	67	67
43	43	**39**	39.5	42	47	52	58	62	64.5	69	73	60.6
52	50	**49**	50	53.5	59	61	64.5	66	68	72.5	73	65.2
53	54	59	66	70	72	74	74	75	79	79	83	71.2
87	88	80	69	72	77	79	82	86	86	88	88	**80.5**
56	67	58	**54**	54.5	58	68	64	71	71	71	77	71.7
53.4	52.9	**51.7**	53.3	56.9	61.9	65.6	68	71.5	73.8	75.8	77.9	69.1

VAPOR PRESSURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
18.2	18.6	17.2	18.5	18	17.2	17.9	17.3	17.4	18.4	18	18.1	18
18.8	18.6	19.2	18.2	**17.1**	18.1	18.2	18.5	18.5	18.7	19	18.7	18.4
20.6	20.5	**21**	19.3	18.8	19.2	19.9	19.5	19.5	19.7	19.8	19	19.5
21	21.1	**21.4**	20.3	21.1	20.3	19.9	20.3	20	19.9	19.8	19.2	19.9
18.1	16.3	16.6	15.8	**15.7**	16	16.2	16.5	16.8	17	18.1	18.2	17.8
20.5	19.8	20.4	22.2	22.5	**23**	22.4	22	21.5	19.7	18.5	18.2	19.9
19.7	19.6	20.5	19.9	18.8	18.5	18.1	18.9	19.6	19.7	19.4	19.1	19.3
20.4	**20.5**	20.2	20	19.9	19.7	20.3	19.5	19.9	19.7	20	19.3	19.8
21.6	21.7	21.1	**21.8**	19.6	19.8	20.2	20	20.6	20.2	19.8	19.8	20.2
19.8	18.9	19.1	18.1	18.8	19.8	19.2	**18**	18.2	19.2	18.8	18.7	19.7
17.3	16.9	16.8	17.3	17.9	17.2	16.6	16.6	16.6	16.7	16.4	**16.2**	18.5
18.8	18.3	17.9	17	17.9	18	17.9	17.5	18	17.4	16.5	16.1	17.3
16.8	16.3	16.4	16.1	**16**	16.1	17.2	16.5	16.7	16.9	16.4	17	**16.8**
20.9	21.5	**22.3**	20.2	20.4	20.1	19.7	19.9	19.9	20.1	19.8	20.2	19.2
16.8	16.6	16.2	**15.6**	16.2	18.8	18	17.9	18.1	18.8	18.1	18.8	18.5
22.3	19.5	19.8	19.9	20.3	20.1	19.7	20.1	19.9	20	19.7	19.5	20.2
17.6	**16.8**	16.9	17.3	17	17.2	17.6	18.1	18.4	18.5	18.1	18.3	18.3
18.1	**17.7**	18.3	18.3	18.7	17.9	18	18.5	18.3	18.1	18.1	18.1	18.4
19.7	19.6	18.7	18.1	18.1	18.5	18.3	18.4	19.3	19.3	19.4	19.1	18.8
16.9	**16**	16.9	16.2	16.9	16.8	**16**	16.6	17	17.3	17.4	18	17.3
17.9	**17.1**	18.1	19.3	20.4	20.3	20.4	20.1	20.3	19.8	19.9	21.9	19.2
19.3	20.1	20.2	20	21	20.5	20.6	20.5	20.7	20.2	20.6	20.5	20.2
20.5	**20.3**	21.1	22	20.9	21.1	20.8	21	22	22	21.5	20.9	21.4
22.1	**22.8**	21.4	21.8	21.2	20.5	20.7	**20.4**	20.5	20.9	20.8	21	21.1
20.5	20.6	18.3	16.4	**15.1**	15.8	16.4	16.8	17.3	17.8	17.7	16.9	19.2
17.2	17.4	15.8	15.3	**15**	15.3	15.9	16.3	16.8	16.9	17.3	17.4	17.4
18.8	18.2	19	19.3	19.2	19	18.7	19	19.1	19.3	19.3	18.7	18.7
20.1	20.5	22.6	**23.8**	22.2	22.1	22	21.8	21.8	22.1	21.6	22	21
20.5	22.6	**22.9**	21.7	21.8	22.3	22.4	21	21.2	21.1	21.1	21.2	**21.6**
20.8	**22.7**	21	19.8	18.8	18.8	18.9	17.7	18.3	17.7	**17.6**	18.5	20
19.4	19.2	19.2	19	18.8	18.9	18.9	18.8	19.1	19.1	19	19	19.2

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	A.-Cu.						A.-Cu.		A.-Cu.		A.-Cu.	EbyN
2												
3												
4												
5												
6												
7												
8	A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.	
9												
10												
11			A.-Cu.									
12	Ci.		A.-Cu.		Ci.	SW	A.-Cu.				Ci.	
13					Ci.				A.-Cu.		Ci.	
14			A.-Cu.	E	A.-Cu.	E						
15	A.-Cu.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
16	Ci.		Ci.-S.		Ci.-S.		Ci.		Ci.-S.		Ci.-S.	
17	Ci.	NNE	Ci.		Ci.	NNE	Ci.		Ci.		Ci.	
18	Ci.-S.	NW	Ci.		Ci.		Ci.		Ci.		Ci.	
19	Ci.-S.		Ci.-S.		Ci.-S.				Ci.		Ci.	
20												
21												
22	A.-Cu.	ENE	A.-Cu.	ENE	A.-Cu.	ENE	A.-Cu.		Ci.			
23	A.-Cu.	SE	A.-Cu.		Ci.-S.							
24	Ci.-S.								Ci.-S.			
25	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
26	Ci.											
27			Ci.				A.-Cu.		A.-Cu.		Ci.	
28			A.-Cu.		A.-Cu.							
29	A.-Cu.	NE	Ci.		Ci.-S.		Ci.		Ci.-Cu.		Ci.-S.	
30	A.-Cu.											

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.	E	Cu.	E	Cu.		Cu.	EbyN	Cu.	EbyN	Cu.	EbyN
2	Cu.		Cu.		Cu.		Cu.	EbyS	Cu.	EbyS	Cu.	E
3					Cu.		Cu.	E	Cu.	E	Cu.	E
4	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
5			Cu.		Cu.		Cu.		Cu.		Cu.	
6	Cu.		Cu.		Cu.	NEbyE	Cu.		Cu.		Cu.	
7	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
8	S.-Cu.	EbyS	S.-Cu.	ESE	Cu.	EbyS	Cu.	EbyS	N.-cf.	EbyS	Cu.	
9	Cu.		Cu.		Cu.		Cu.		Cu.	SE	Cu.	
10	Cu.		Cu.		Cu.-N.		Cu.	ESE	Cu.	ESE	Cu.	
11	Cu.-N.		Cu.		Cu.		Cu.		Cu.	E	Cu.	E
12	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E
13	Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	
14	S.-Cu.		S.-Cu.		S.-Cu.		Fr.-Cu.	E	Cu.	E	Cu.	
15	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
16	Cu.-N.		Cu.		Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.-N.	ESE
17	Cu.-N.		Cu.		Cu.	E	N.-cf.	E	Cu.-N.	E	Cu.	E
18	Cu.		Cu.		Cu.	EbyS	Cu.	E	Cu.		Cu.	
19	Cu.		Cu.		Cu.	E	Cu.		Cu.	E	Cu.	
20	Cu.		Cu.		Cu.		Cu.	ESE	Cu.		Cu.	E
21	Cu.		Cu.		Cu.	E	Cu.	E	Cu.		Cu.	
22	Cu.	E	Cu.		Cu.		Cu.		Cu.-N.	E	Fr.-Cu.	
23	Cu.		S.-Cu.		Cu.	E	Cu.	E	Cu.		Cu.	
24	Cu.		Cu.		Cu.	E	Cu.		Cu.		Cu.	
25	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	EbyN
26	Cu.	E	Cu.-N.	E	Cu.	E	Cu.		Cu.	ENE	Cu.	
27	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
28					Cu.		Cu.		Cu.		Cu.	
29	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.-N.	
30	Cu.		Cu.		Cu.	E	Cu.		Cu.		Cu.	

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
A.-Cu.				A.-Cu.		A.-Cu.					
						Ci.-Cu.		Ci.-Cu.		Ci.-Cu.	
		Ci.				Ci.		Ci.			
										Ci.-S.	
						Ci.-S.		Ci.-S.		Ci.-S.	
A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.		Ci.-S.	
						Ci.-S.		Ci.		A.-S.	
		Ci.								Ci.	
								Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
		Ci.		Ci.		Ci.		Ci.		Ci.	
								Ci.-S.		Ci.-S.	
Ci.		Ci.	S	Ci.		Ci.-S.		Ci.-S.			
		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
Ci.								Ci.		Ci.-S.	
		A.-Cu.	E	Ci.		A.-Cu.	E	Ci.		Ci.	
				Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
		Ci.-S.		Ci.-S.		Ci.		Ci.-S.	NNW	Ci.-S.	
				Ci.-S.		Ci.-S.		Ci.-S.		Ci.	
				Ci.-S.	NW	Ci.-S.		Ci.-S.		Ci.-S.	
				Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.-S.	
								Ci.		Ci.	
						Ci.		A.-Cu.		Ci.-S.	
						Ci.-S.		Ci.-S.		Ci.-S.	
								Ci.-S.		Ci.-S.	

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.		Cu.		Cu.	E	Cu.	E	Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.	ENE	Cu.		Cu.	
Cu.		Cu.	E	Cu.	E	Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.			
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.		Cu.		Cu.		Cu.		S.-Cu.	
Cu.		Cu.-N.		Cu.-N.		Cu.		Cu.-N.		Cu.	
Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.-N.	
Cu.	E	Cu.	E	Cu.-N.		Cu.-N.		Cu.-N.		Cu.	
Cu.-N.		Cu.-N.		Cu.-N.	SE	Cu.		Cu.		Cu.-N.	
Cu.-N.	ESE	Cu.-N.		Cu.-N.	ESE	Cu.-N.		Cu.		S.-Cu.	
Cu.	E	Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.	E	Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		S.-Cu.	
Cu.	E	Cu.		Cu.		Cu.		Cu.		S.-Cu.	
Cu.		Cu.-N.		Cu.-N.		N.-cf.	W	Cu.-N.	SW	S.-Cu.	
Cu.-N.		Cu.-N.	ESE	N.-cf.	EbyS	Cu.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		S.-Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.	E	Cu.		Cu.	E	Cu.		Cu.	
Cu.-N.	E	Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	NW

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	Calm	--------	Calm	--------	ENE	1.5	NE	1.5	ENE	1.5	Calm	--------
2	NE	2	NE	2	NE	1.5	NE	1	NE	.5	Calm	--------
3	Calm	--------	NNE	1	NE	1	Calm	--------	NNE	1.5	Calm	--------
4	Calm	--------	Calm	--------	Calm	--------	Calm	--------	S	.5	E	0.5
5	ESE	1.5	ESE	2	ESE	2	ESE	2	E	2	E	1
6	SE	1	NE	.5	E	1.5	E	1	Calm	--------	Calm	--------
7	N	7.5	N	7.5	N	3.5	N	4.5	N	4.5	N	1
8	ESE	1.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
9	Calm	--------	NE	.5	N	1	NE	1	Calm	--------	Calm	--------
10	Calm	--------	Calm	--------	N	.5	N	1	NNE	1.5	NNE	1.5
11	ESE	1	Calm	--------	Calm	--------	NNE	1.5	NNE	1	Calm	--------
12	ENE	1.5	E	1	E	1	N	.5	ENE	.5	NE	.5
13	E	2	E	1.5	E	2.5	E	2	E	1	ENE	1.5
14	Calm	--------	Calm	--------	N	1.5	Calm	--------	Calm	--------	N	1
15	E	.5	NE	1	NE	1	NE	.5	NE	.5	Calm	--------
16	NE	1	Calm	--------	NE	1	NEbyN	1	NEbyN	.5	Calm	--------
17	NNE	2	NNE	1.5	NNE	1.5	NE	1.5	NE	1.5	Calm	--------
18	Calm	--------	E	1	NE	1	ENE	.5	E	.5	ENE	.5
19	E	1.5	E	1	NNE	1.5	NNE	2	E	2	Calm	--------
20	ESE	.5	E	.5	Calm	--------	Calm	--------	E	.5	Calm	--------
21	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
22	Calm	--------	Calm	--------	Calm	--------	Calm	--------	SE	1	SE	1
23	SSE	2.5	E	1	Calm	--------	NE	.5	Calm	--------	Calm	--------
24	SE	1	ESE	1	Calm	--------	Calm	--------	Calm	--------	Calm	--------
25	NE	3	NNW	1.5	Calm	--------	Calm	--------	Calm	--------	N	1
26	SSE	1.5	E	1.5	E	1.5	SE	1.5	NE	1	Calm	--------
27	E	1	ENE	1	SE	2	SE	2	SE	1.5	Calm	--------
28	SSE	1.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
29	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
30	N	.5	N	2	N	1	N	.5	N	.5	Calm	--------
Mean	--------	1.2	--------	1	--------	.9	--------	.9	--------	.8	--------	.3

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	ESE	3	SE	7	E	3.5	E	4	ENE	5.5	E	1
2	SE	4	ESE	7	SE	6	SEbyE	6.5	SEbyE	5	ESE	1.5
3	W	3.5	W	4	WSW	3	ESE	3	SE	3.5	ESE	2
4	W	3	W	3	WSW	3	SE	5.5	SE	2.5	SE	4
5	SSE	3	SEbyS	8	SEbyS	8	SE	6	SE	5	ESE	2.5
6	W	4.5	S	1.5	SW	3.5	SWbyW	7	WSW	4.5	WSW	3.5
7	W	6	WSW	5.5	WSW	6.5	WSW	5	SW	4	SW	3.5
8	ESE	2	ESE	1	Calm	--------	EbyN	2	EbyN	1.5	SE	3
9	WbyN	2.5	W	3.5	W	3.5	SW	4	SW	2	SWbyS	4
10	WSW	2	W	2.5	WSW	1.5	SE	4.5	SE	3.5	SW	2.5
11	SEbyS	6	SE	6.5	SE	8.5	SEbyE	5	SE	3.5	SE	5
12	WbyN	4.5	WSW	2.5	SSE	2	SE	5	ESE	3.5	ESE	2
13	SE	8	SE	9	SEbyS	5	SE	7	SE	7.5	SE	4
14	SSW	.5	WSW	3.5	WbyS	3.5	NNW	5.5	E	1	E	1.5
15	SSE	2.5	SSE	5	SE	3	SE	4	S	1.5	SSW	2.5
16	SW	1.5	NE	2.5	NEbyN	4.5	NE	1.5	NNE	1	NE	.5
17	SEbyE	4.5	SEbyS	2.5	SEbyS	4	SE	7	SE	1.5	ESE	1
18	SE	8.5	SE	3.5	SE	10	SE	5	SE	5.5	SE	2
19	ENE	1	W	2.5	W	1.5	SEbyE	3	SE	4	SE	3.5
20	SE	5	ESE	1.5	SSE	4	SE	3	Calm	--------	SE	1.5
21	ESE	4	ESE	3	SE	7	SE	3.5	SW	4	WSW	2
22	W	5	WSW	3.5	WNW	2.5	SSW	1	SW	3	SW	3.5
23	WNW	3.5	WNW	3.5	WbyS	5	WSW	7	SW	3.5	SSW	3
24	W	1.5	N	1.5	ESE	2.5	ESE	1	SE	3	ESE	2
25	WNW	2.5	WNW	1	SSE	3	SE	5	SE	4	SE	2
26	SE	12	SE	11.5	SE	9	SE	9.5	ESE	5.5	ESE	2.5
27	W	4.5	W	6	WNW	2	W	.5	W	1	SSW	3
28	WNW	3	W	5	W	4	SW	4.5	SW	5.5	SW	5.5
29	SE	1	Calm	--------	S	1.5	SSW	2	SW	2	Calm	--------
30	W	1.5	Calm	--------	WSW	2	Calm	--------	SEbyS	5.5	NbyW	6
Mean	--------	3.8	--------	3.9	--------	4.1	--------	4.2	--------	3.4	--------	2.7

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	--------	Calm	--------	E	1.5	E	2.5	ESE	5	ESE	6.5
Calm	--------	Calm	--------	W	3	WSW	2.5	SE	4.5	SE	4.5
Calm	--------	Calm	--------	W	2	NWbyW	4	W	4	W	4.5
E	0.5	E	1.5	W	1	WNW	3	WNW	5	W	5
ENE	2	ENE	2	ENE	1	W	2	WSW	3	SE	1.5
Calm	--------	Calm	--------	SW	1.5	WSW	4	W	3	W	5
NNE	1	N	3.5	WNW	3.5	NW	2.5	W	3	WSW	5.5
NNE	.5	E	1	NNW	1	W	1.5	W	.5	WNW	3
Calm	--------	Calm	--------	WSW	1.5	WNW	1.5	WSW	2	WSW	3.5
NE	1.5	NE	1.5	SSW	1	WbyS	3	WSW	4	WNW	3.5
Calm	--------	Calm	--------	WSW	2	WSW	3	W	1.5	W	2.5
ENE	.5	Calm	--------	WSW	2.5	WNW	2	WNW	1	W	1
ENE	.5	NE	2	ESE	2	W	2	SEbyE	7	SE	6.5
N	.5	NNW	1.5	NNW	3	WNW	4	W	4.5	W	3
Calm	--------	Calm	--------	SSW	1.5	SSW	1	SE	3	SSE	4
Calm	--------	Calm	--------	W	3	W	1	WNW	2	W	1.5
Calm	--------	Calm	--------	W	1.5	W	2	ESE	6	ESE	5
E	1.5	E	1	E	3	E	2.5	SE	8	ESE	4
Calm	--------	SW	1	SSW	2.5	SE	2	SE	1.5	SE	5.5
Calm	--------	Calm	--------	E	2	ESE	2	ESE	2.5	SE	1.5
Calm	--------	Clam	--------	Calm	--------	WSW	2.5	W	2.5	W	3
SE	.5	SE	1	SSE	.5	Calm	--------	SE	1.5	NW	2.5
Calm	--------	Calm	--------	SE	.5	Calm	--------	W	1.5	WNW	2.5
Calm	--------	Calm	--------	W	.5	WNW	1	W	.5	WSW	.5
NE	1	Calm	--------	WSW	1.5	WSW	3.5	ESE	.5	W	2.5
Calm	--------	Calm	--------	ESE	3.5	ESE	5	ESE	2.5	SE	3.5
ESE	1	E	2	E	.5	W	2	WNW	4	W	3.5
Calm	--------	E	1	Calm	--------	WSW	2	WSW	3	W	2
Calm	--------	Calm	--------	S	1	W	1.5	WSW	3.5	Calm	--------
Calm	--------	Calm	--------	SW	2.5	W	1.5	WNW	2	WSW	2.5
--------	.4	--------	.6	--------	1.7	--------	2.2	--------	3.1	--------	3.3

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		12 m. n.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
E	2	ESE	3	SE	3.5	SE	3.5	SE	2.5	ESE	1.5	2.5
EbyS	1	EbyS	2	ESE	3	ESE	2	ESE	1.5	ESE	2	2.6
ESE	1.5	SE	3	SE	2	E	1	N	1	NE	.5	1.9
ESE	1	ESE	5.5	ESE	3	ESE	2	ESE	1.5	ESE	2.5	2.2
ESE	.5	ESE	2	ESE	1	ESE	2	SE	1.5	SE	2	2.6
W	2	WSW	2.5	WbyN	3	NW	4.5	NNW	4	NNW	4	2.6
SW	2.5	SSW	2.5	SSW	.5	Calm	--------	NE	2.5	E	2.5	3.7
Calm	--------	SSE	1.5	SSE	2	SSE	1	N	1	Calm	--------	1
SWbyW	3.5	SWbyS	2.5	SSW	2	SbyW	1.5	Calm	--------	Calm	--------	1.7
S	3	SbyE	2	SSE	2	SSE	1	E	2	ESE	1	1.9
SE	1	SEbyE	3.5	SEbyE	2.5	SEbyE	2	SEbyE	2	SEbyE	2	2.5
E	2	ESE	3	ESE	2	E	2.5	ESE	2	ESE	2.5	1.9
ESE	2.5	SE	3	SE	3	SE	2	E	2	NE	1	3.5
E	1	E	1.5	ESE	1.5	ESE	2	ESE	.5	ENE	.5	1.7
SSE	1	SSE	2	Calm	--------	SWbyW	2	WSW	1.5	NE	1	1.6
Calm	--------	N	3	N	2	Calm	--------	Calm	--------	Calm	--------	1.1
ESE	.5	ESE	1.5	ESE	1.5	ESE	1	ESE	1	SE	1	2.1
SE	2	ESE	2	ESE	2	ESE	3	ESE	3	ESE	2	3
SE	1.5	SE	2	SE	1.5	ESE	1	ESE	1	Calm	--------	1.8
SE	1	SE	2	SE	2	SSE	2.5	SSE	2	E	1	1.5
SW	3	SW	1	Calm	--------	SSE	.5	Calm	--------	N	1	1.5
SW	1.5	SW	3	SW	4.5	S	1	NW	1.5	SSE	3	1.7
SW	.5	SW	4	SSW	1.5	SSW	1	S	1	SE	.5	1.8
ESE	2	ESE	3.5	ESE	2	ESE	1.5	ESE	1.5	ESE	1	1.1
SE	2	SE	1	E	.5	NNE	.5	E	.5	SE	2	1.6
ESE	1	SE	2	SE	2.5	SE	2	NE	1.5	Calm	--------	3.4
Calm	--------	SW	1.5	SSW	2	Calm	--------	Calm	--------	SSE	1	1.8
SW	1.5	SbyW	1.5	S	1	Calm	--------	Calm	--------	Calm	--------	1.7
N	8.5	NE	1.5	NE	.5	NE	1	NW	1.5	N	1.5	1.1
Calm	--------	ESE	2	Calm	--------	Calm	--------	ESE	1	Calm	--------	1.3
--------	1.6	--------	2.4	--------	1.8	--------	1.5	--------	1.4	--------	1.2	2

WIND—FORCE IN KILOMETERS PER HOUR.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	4	1.5	4.5	5.5	4.5	5.5	2	2	9.5	11.5	15	15.5
2	5	5.5	5	4	2.5	2	5	.5	5	10.5	8	19
3	4	2	3.5	1.5	3	3	.5	1.5	4.5	10.5	14.5	**17**
4	2.5	2	0	1	4	4	5	4	5	9.5	**18**	16
5	6.5	7	9.5	6.5	6	5	5	6	3	7	11.5	12.5
6	6.5	3.5	3.5	3	2.5	1.5	3	3	2.5	10.5	11.5	15.5
7	16.5	18.5	18	16	14	11.5	7.5	9.5	13	16	16.5	21
8	7.5	5.5	2.5	1	2	.5	1.5	2	2	8.5	8	9.5
9	1.5	4	5.5	4.5	2	1.5	1	2	4.5	10.5	11.5	11.5
10	.5	1.5	2	4	4	4	3.5	2	2.5	5.5	10.5	13.5
11	3	1	.5	2.5	4	3.5	1	.5	4	10	9.5	12.5
12	6	4.5	4	3.5	2.5	4	5	4	5	13	14.5	12
13	9.5	6.5	5.5	7.5	5.5	6	5.5	5	8.5	11	10.5	19
14	2.5	2.5	3.5	3.5	.5	5	4	7	7	13	15	14
15	2.5	3.5	3	3.5	3.5	2.5	2	3.5	4	8.5	11	**15**
16	3	2	1	4.5	4	2	2.5	2	7	11	13.5	14.5
17	5	7	6	6	5	5	1	2	4	7	15	21
18	4	4	6	3.5	3.5	3	2	6	9.5	17	22.5	22
19	7	4.5	5	7	7.5	5	2.5	4	6.5	7	10	12
20	.5	4	2.5	1	1.5	4	2	3.5	3	4.5	8.5	10
21	2	.5	1.5	1	0	0	0	3	2	7	13	14
22	1.5	.5	.5	.5	2	4.5	2.5	6.5	6	4.5	7	10
23	11	4	2	1.5	2	1.5	4	1.5	1.5	4	10	15
24	2.5	3	2.5	0	1	1	3	1	4	8	12	13
25	5	7	2.5	0	.5	1.5	3	2	3.5	7.5	8	7
26	7	8.5	6.5	7	5	5	3.5	4	9.5	14	15.5	18.5
27	3.5	3.5	4.5	7.5	7	4	4.5	9	6	6	17	18
28	4.5	3.5	1	0	2	1	2	4	5	2	10	12
29	.5	1	.5	1.5	0	2	1	0	2	7.5	8	7
30	3.5	5.5	6.5	2.5	2.5	.5	0	.5	3.5	8.5	11.5	11.5
Mean	4.6	4.2	4	3.7	3.5	3.3	**2.8**	3.4	5.1	9	12.2	14.3

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. m.
1	3	3	1	5	5	6	5	6	5	4	2	1	3.8	8 10
2	1	0	1	3	4	4	3	4	2	2	2	2	2.3	10 00
3	0	0	1	3	3	4	3	4	5	4	4	4	2.9	10 15
4	0	0	0	3	2	2	2	2	2	3	2	1	1.6	10 30
5	0	0	0	0	0	1	1	1	1	0	1	1	**.5**	10 35
6	0	0	2	1	1	1	2	2	3	2	2	7	1.9	10 00
7	0	0	1	1	2	2	1	1	1	1	1	1	1	10 30
8	9	9	8	8	9	9	8	8	9	8	8	10	**8.6**	**4 30**
9	1	1	2	2	2	1	3	3	3	3	3	4	2.3	10 05
10	2	2	4	4	3	2	2	2	1	1	4	4	2.6	8 00
11	2	4	4	5	4	5	3	3	3	2	3	4	3.5	9 50
12	1	1	3	4	6	5	5	6	5	5	5	4	4.2	9 20
13	1	1	3	5	3	3	2	2	1	3	2	2	2.3	10 55
14	1	2	4	3	4	6	6	6	6	8	7	5	4.8	8 00
15	3	2	2	5	6	5	4	4	9	6	5	3	4.5	10 05
16	4	3	2	5	4	4	7	9	9	9	9	9	6.2	7 25
17	6	7	4	9	8	5	6	7	6	6	6	5	6.2	10 00
18	6	4	5	5	5	4	3	4	4	3	4	6	4.4	9 55
19	1	1	2	2	3	4	5	6	4	4	5	4	3.4	10 20
20	0	1	1	3	4	4	2	2	3	5	6	6	3.1	9 20
21	2	1	3	4	4	3	3	3	3	4	7	8	3.8	10 00
22	8	4	6	7	5	3	3	3	4	5	6	7	5.1	9 55
23	10	8	4	6	4	4	2	2	3	9	8	9	5.8	7 25
24	2	1	2	1	3	3	4	7	7	5	8	9	4.3	8 25
25	5	4	4	4	4	5	5	5	6	5	6	6	4.9	10 15
26	6	9	3	5	3	4	5	5	4	4	4	4	4.7	10 00
27	1	0	0	2	3	3	3	2	1	2	4	3	2	**11 10**
28	0	0	2	1	2	3	2	3	4	4	6	8	2.9	10 10
29	8	9	5	6	6	9	9	10	8	8	9	10	8.1	4 40
30	2	1	2	5	4	3	4	4	3	3	4	8	3.6	9 45
Total														279 30
Mean	2.8	**2.6**	2.7	3.9	3.9	3.9	3.8	4.2	4.2	4.3	4.8	**5.2**	3.8	9 19

WIND—FORCE IN KILOMETERS PER HOUR.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
22	18.5	**22.5**	15	18.5	13.5	8.5	9.5	9.5	11.5	11.5	5	10.3
22	**25**	**25**	22	21	13	14	8	10	9	6	8	10.6
12	12	11.5	8	14	12	11.5	10.5	10.5	5.5	4	2.5	7.5
15.5	11	9.5	10	14.5	13	11.5	15	16.5	9.5	6	5.5	8.7
19	**23.5**	22	22.5	18	14	10.5	8	5.5	7	7.5	5.5	10.4
15.5	11	15	24	**31**	26.5	13.5	10	8	11	17	13	10.9
21.5	19	21	20	18	**21.5**	14	10	7	3	5	12	**14.6**
8.5	**16**	14	14.5	10	8.5	6	3	6	3	3	.5	6
12.5	14.5	15	**19**	16.5	18	14.5	11	7.5	5	1.5	.5	8.1
14.5	11	10	6	12.5	11	9	8	7	5	4.5	4.5	6.5
12	23	**25**	21	23.5	19	13.5	14	12	9	8	7.5	10
15	14	9	**17**	16	16	11.5	11	8.5	8	9	9.5	9.3
22	**23.5**	22	20	20	18	15.5	9	11	11.5	8	5.5	11.9
8	12	11	**17**	8	13	8.5	7	7	6.5	4	2	7.6
15	**15**	11	11.5	10.5	14.5	8	8.5	3.5	3.5	8	6	7.4
11	20.5	**21**	15	12	3.5	2	8	9	7	0	1	7.4
20	21.5	20	**25.5**	20.5	15	8.5	5.5	7	6.5	5	8	10.3
25	22.5	22.5	20	19	16	14	9.5	7.5	9	9.5	9	11.9
12	8	13.5	11.5	**17**	12.5	10.5	9.5	6.5	5	5	3.5	8
13	**16**	11	14	9	8	7.5	7	6.5	9	6	3	6.5
8.5	13	12	11.5	12	**17**	14	13.5	4	2.5	3	6	6.7
19	15	11	11	17	18	17.5	16	13.5	9	7.5	6.5	8.6
17.5	14	17	**21**	20	19	16	15	8	4.5	4	3.5	9.1
11	11	10.5	14	**15.5**	**15.5**	14.5	12.5	7.5	6	6.5	4	7.5
16	13	11.5	15.5	**16**	15	10	6.5	4	2.5	1.5	5.5	6.9
22	**24**	21	17	16	12.5	10	8.5	8	10	5.5	4	10.9
18.5	17	15	9.5	5	13	13	5.5	6.5	2	2	2	8.3
16	15	20	**21.5**	**21.5**	21	13	7	4.5	1.5	0	.5	7.9
20.5	2.5	9.5	8	7	8.5	6	10	5	1	3.5	4.5	**4.9**
13	5	5	6	**13.5**	12.5	5	5.5	3	1	4	2.5	5.5
15.9	15.6	15.5	15.6	15.8	14.6	11	9.4	7.7	6.1	5.5	5	8.7

FREQUENCY OF THE WIND.

Day.	N.	NNW.	NW.	WNW.	W.	WSW.	SW.	SSW.	S.	SSE.	SE.	ESE.	E.	ENE.	NE.	NNE.	Calm.	Total wind velocity.	Rain-fall.
																		Kms.	*mm.*
1											4	5	6	3	1		5	246.5	
2					1	1					6	8			5		3	255	
3	1		1		5	1					3	3	1		2	2	5	179.5	
4				2	4	1			1		3	6	3				4	208.5	
5					1	1				3	5	9	2	3				248.5	
6		2	1	1	4	5	2		1		1		2		1		4	262	
7	7		1	1	2	4	3	2					1		1	1	1	**350**	
8	1	1		1	2					3	1	3	3			1	8	143.5	
9	1			2	2	4	4	2							2		7	195.5	
10	2			1	2	3	1	1	2	2	2	1	1		2	2	2	156.5	
11					2	2				1	11	1				2	5	239.5	
12	1			3	1	2				1	1	6	4	3	1		1	222.5	
13					1					1	10	2	6	2	2			286	
14	3	3		1	3	1		1				3	4	1			4	181.5	
15						2		3	1	5	3		1		5		4	177.5	
16	2			1	3		1								8	1	8	177	
17					2					2	4	8			2	3	3	247	
18											8	6	6	2	1		1	286.5	
19					2		1	1			9	2	3	1		2	3	192.5	
20										3	7	4	4				6	155	
21	1				2	2	3			1	2	2					11	161	
22			2	1	1	1	5	1	1	2	5						5	207	**31.5**
23				3	2	1	3	3	1	1	2		1		1		6	217.5	.3
24	1			1	3	1					2	10					6	179.5	
25	1	1		2	1	2				1	6	1	2		2	1	4	164.5	
26										1	9	6	2		2		4	262.5	
27				2	6		1	2		1	3	1	3	1			4	199.5	
28				1	3	2	4	1	1	1			1				10	188.5	
29	2		1		1	1	1	1	2		1				3		11	**117**	1.3
30	6			1	2	2	1			1		2					9	132.5	2.3
Total	29	7	6	24	58	39	30	18	10	30	108	89	56	16	41	15	144	6,240	35.4
Mean	1	.2	.2	.8	1.9	1.3	1	.6	.3	1	3.6	3	1.9	.5	1.4	.5	4.8	208	1.2

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
1	761. 55	9–15a.	33. 8	0–55p.	89	19. 8	758. 40	4–00p.	21. 4	5–15a.	50	16. 9
2	61. 75	9–20a.	33. 7	0–55p.	91	19. 7	58. 45	3–45p.	20. 8	5–45a.	49	17. 1
3	62. 15	8–30a.	33. 6	3–55p.	92	21	**58. 75**	4–05p.	21. 4	5–55a.	51	18. 5
4	**62. 25**	8–55a.	34. 3	3–35p.	91	21. 4	58. 60	4–10p.	21. 9	6–20a.	53	18. 7
5	61. 50	8–50a.	34. 4	0–55p.	91	19. 4	57. 90	4–10p.	21. 6	6–15a.	42	15. 7
6	60. 30	9–30a.	33. 2	2–55p.	89	23	56. 65	4–15p.	21. 3	5–50a.	55	17
7	59. 90	8–30a.	**32. 3**	2–55p.	85	20. 8	56. 25	4–30p.	22. 7	6–15a.	59	18
8	60. 11	9–00a.	33. 5	2–30p.	84	20. 5	57. 35	3–35p.	24. 1	6–05a.	58	19. 2
9	60. 80	8–25a.	33. 5	1–55p.	90	21. 8	57. 45	2–40p.	22	6–05a.	58	18. 5
10	60. 80	8–25a.	34. 3	3–55p.	87	22. 3	57. 40	3–25p.	23. 6	5–50a.	46	18
11	60. 95	12–mn.	34. 8	1–55p.	87	21. 4	57. 79	4–00p.	24. 1	11–50p.	44	16. 2
12	61. 65	8–20a.	34. 3	3–10p.	87	19. 1	58. 30	3–50p.	**20. 4**	5–50a.	45	15. 9
13	61. 15	8–30a.	35. 9	1–35p.	84	**18. 7**	57. 80	4–45p.	21. 6	5–55a.	40	16
14	60. 73	9–00a.	34. 2	3–05p.	86	22. 3	57. 60	3–25p.	21. 8	4–45a.	55. 5	17. 1
15	60. 65	8–25a.	36. 5	1–50p.	88	20. 2	56. 25	4–15p.	23. 6	3–50a.	39	15. 6
16	59. 80	9–45a.	34	0–25p.	87	23. 5	57. 35	4–10p.	23. 3	5–35a.	63	19
17	60	9–05a.	35. 2	2–15p.	90	20. 5	56. 70	4–05p.	21. 5	5–45a.	42	16. 8
18	60. 35	9–10a.	35. 6	1–40p.	89. 5	19. 9	57. 35	3–05p.	22	5–55a.	43	17. 7
19	60. 35	7–50a.	36. 2	1–05p.	84	20. 9	56. 05	3–55p.	22. 4	5–50a.	46	17. 6
20	59. 50	8–30a.	36. 6	2–55p.	84	19. 2	56. 15	3–55p.	21. 7	5–50a.	**37**	16
21	59. 72	9–00a.	**36. 8**	2–30p.	85	21. 9	56. 25	3–50p.	23	5–50a.	39. 5	17. 1
22	60	8–15a.	35	4–20p.	88	21. 9	56. 05	3–55p.	24	5–05a.	51	19. 1
23	59. 55	9–15a.	33. 6	2–40p.	90	**23. 9**	56. 45	3–30p.	**24. 5**	6–45a.	55	20. 3
24	59. 40	8–45a.	34. 2	1–40p.	91	22. 8	56. 08	4–00p.	23. 9	5–55a.	57	20. 4
25	59. 85	10–45p.	35. 2	2–45p.	**93**	22. 1	56. 45	4–10p.	23. 4	5–40a.	43	15. 1
26	60. 17	8–00a.	35. 3	2–25p.	85	20. 8	56. 50	3–40p.	22. 7	6–05a.	39	**15**
27	60. 20	8–45a.	34. 4	4–10p.	**83**	20. 3	56. 17	5–00p.	23	6–05a.	49	17. 6
28	**59. 30**	8–15a.	34. 6	1–30p.	86. 5	23. 8	56. 13	4–00p.	23. 3	5–45a.	53	18. 6
29	**59. 30**	9–30a.	**32. 3**	10–35a.	89	22. 9	56. 60	4–15p.	**24. 5**	0–50p.	**64**	**20. 5**
30	59. 80	9–25a.	33. 4	3–55p.	90	22. 7	**55. 90**	4–45p.	23	5–45a.	54	17. 6
Mean	760. 45	--------	34. 5	--------	87. 9	21. 3	757. 04	--------	22. 6	--------	49. 3	17. 6

DAILY GENERAL REMARKS.

1----⊙ a.
2----⌓°, ≡ a.; ∞ p.
3----≡° a.
4----b
5----Somewhat gusty SEly winds in the afternoon; ≺ NNW in the evening.
6----⊤° NW in the afternoon.
7----≡ a.; coloration of clouds at sunset; ≺ E in the evening.
8----○
9----⌓° a.; ⊤ S 2.15 p.
10----≡° a.
11----≡ a.; somewhat gusty SE winds in the afternoon.
12----≡° a.
13----Gusty SEly winds in the afternoon; ≺ SSE in the afternoon.
14----≡ a.; ⊤² NE quad., d in the afternoon; ≺° NW in the evening.
15----⊤° N 1.22 p.; ≺ SSE in the evening.
16----⊤ SSW at noon; ⌈≺ NE, d° in the afternoon.
17----Somewhat gusty SEly winds in the forenoon and afternoon.
18----As yesterday.
19----≺ NW in the evening.
20----Slight coloration of clouds at sunset.
21----○° p.
22----Coloration of upper clouds at sunset; ≺ NNE in the evening; heavy thundershowers at night.
23----⊤° NNW 4.28 p.; ≺ NNE, S at night.
24----⊤ NE quadrant, SSW in the afternoon.
25----⌓° a.
26----Gusty SE winds, ⊖ in the afternoon.
27----≡° a.
28----≡° a.
29----⌈≺ ENE in the forenoon; ● 0.35 p.; near ⌈≺ in the evening with gusty N winds.
30----● in the afternoon; ⌈≺ to the NW quadrant in the evening.

OBSERVATIONS FOR MAY, 1909.

ATMOSPHERIC PRESSURE, 700mm +.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	58.05	57.70	57.35	57.45	57.80	57.94	58.23	58.93	58.88	58.63	58.44	57.91
2	58.70	57.80	57.40	57.55	57.90	58.40	59.02	59.57	59.59	59.45	58.95	58.42
3	58.80	58.70	58.35	58.40	58.70	59.14	59.74	**60.09**	59.96	59.68	59.30	58.81
4	58.10	57.85	57.75	57.80	58.40	58.97	59.20	59.53	**59.99**	59.76	59.52	59.01
5	58.50	57.85	57.80	57.60	57.85	58.13	58.65	**59.23**	59.08	58.98	58.79	58.07
6	57.80	57.35	56.90	57.10	57.40	57.62	58.42	58.63	**58.76**	58.54	58.38	57.70
7	57.90	57.30	57	57.20	57.55	57.71	58.31	**58.58**	58.47	58.42	57.92	57.06
8	57	56.75	56.55	56.60	56.65	57.07	57.63	**58.36**	58.34	58.17	58.01	57.50
9	57.40	57	56.60	56.55	56.60	56.99	57.58	58.03	58	58.15	58.07	57.30
10	58.30	58.15	58.10	58.15	58.60	58.65	59.10	59.44	59.49	59.31	59.03	58.53
11	59.10	58.95	58.70	59	59.20	59.50	59.98	**60.08**	60.05	59.72	59.23	58.91
12	59.05	58.75	58.35	58.45	58.65	59.24	59.74	**60.13**	59.97	59.53	59.26	58.51
13	58.40	58.05	57.70	57.70	57.80	57.92	58.68	59.12	**59.28**	59.07	58.44	57.87
14	58.50	58	57.70	57.10	56.95	57.59	58.19	58.78	58.71	58.53	58.12	57.70
15	58.60	58.20	58.10	57.90	58	58.22	58.40	58.54	58.39	58.08	57.91	57.56
16	58.70	58.40	58.25	58.30	58.35	58.78	59.19	59.44	59.44	59.35	59.23	58.57
17	58.95	58.70	58.10	58.40	58.50	58.91	58.96	59.18	59.39	59.36	58.97	58.56
18	59.15	58.85	58.30	58	58.35	58.67	59.30	59.88	60.04	60.09	59.80	59.12
19	59.45	59.15	58.80	58.95	59.05	59.42	59.83	60.12	**60.31**	60.13	59.56	59.01
20	58.30	58.10	57.80	58.05	58.15	58.60	59.14	59.33	**59.39**	59.29	58.77	58.27
21	58.20	58	57.90	58.05	58.05	58.20	58.27	58.48	58.63	58.58	58.21	58.01
22	59.05	58.95	58.80	58.65	57.75	58.42	58.72	58.96	58.95	59	58.79	58.37
23	**60.85**	60.55	60.35	59.95	60.40	60.41	60.74	60.77	60.51	60.12	59.79	59.36
24	60.15	59.50	59.15	59.10	59.20	59.49	59.97	**60.31**	60.15	59.81	59.32	58.70
25	58.30	58.15	58.35	58.40	58.65	58.54	**58.71**	58.57	58.32	58.25	57.82	57.34
26	57.40	57.50	57.10	57.30	57.30	57.76	58.23	58.43	58.21	57.97	57.82	57.51
27	57.65	57.50	57.35	57.70	57.80	58.14	58.56	58.82	58.57	58.33	58.30	57.54
28	**58.45**	58.35	58.05	57.50	57.55	57.77	58	57.83	57.58	57.92	58.01	57.55
29	57.35	**57**	57.10	57.30	57.75	58.14	58.49	58.46	**58.87**	58.53	58.21	58.24
30	57.20	56.80	56.80	56.90	57.15	57.70	57.85	57.92	**57.98**	57.88	57.21	56.83
31	56.85	56.60	56.60	56.60	56.85	56.69	56.94	57.72	57.77	57.73	57.37	56.78
Mean	58.39	58.08	57.84	57.85	58.03	58.35	58.77	59.07	59.07	58.91	58.60	58.08

TEMPERATURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.6	24.2	23.8	23.3	22.9	**22.8**	26.4	28.9	31.4	32.5	30	31.6
2	25.5	25.3	24.9	24.6	24.4	**24**	26.1	29.4	31.6	31.3	30.4	32.3
3	25.1	24.5	24.2	24.2	23.7	**23.5**	26.8	28.4	30.8	31	30.5	32.1
4	25.5	24.9	24.4	24.2	**24**	**24**	26.4	29.5	30.3	31	31.8	32.6
5	24.7	24.6	24.3	24	23.9	**23.8**	26.7	29.4	30.1	30.8	31.4	32
6	24.7	24.3	24.2	**24**	**24**	**24**	25.5	28.3	30.2	30.2	31.6	32.2
7	25.6	25.2	25.1	24.9	**24.7**	24.8	27	30	30.7	32.7	32.8	31.8
8	24.8	24.6	24.3	24.2	**24.1**	24.4	26.8	29.4	30.7	30.8	31.5	30.8
9	26.2	26.1	26	25.4	24.8	24.6	27.5	29.8	31.9	30.3	31.9	33
10	24.5	24.5	24.6	24.9	24.8	**23.7**	24.5	26.2	27.4	29.5	29.7	**30.8**
11	24.1	24	23.9	23.6	**23.5**	23.7	25.4	27.6	28.4	30.5	31.5	31.8
12	25.2	25.1	25	**24.9**	**24.9**	**24.9**	26.3	28.8	30.7	30.4	30.7	31.9
13	25.2	25.1	25	24.8	24.7	**24.6**	25.5	28.3	29.3	29.4	30.6	**31.1**
14	26	25.9	25.5	25.5	25.5	25.4	27.5	28	29.7	30.5	30.5	32
15	24.9	24.9	24.8	24.8	**24.2**	24.3	25.5	28	29.5	30	31.5	32.4
16	26.5	26.3	26.1	26	25.8	25.7	27.5	29.7	31.6	30.8	31.6	31.9
17	25.2	24.9	**24.7**	**24.7**	**24.7**	24.8	26.8	28.2	30.1	30.8	**31.4**	30.9
18	25.5	25.3	25.1	**25**	**25**	**25**	26.1	27.3	29.5	30.9	31.4	31.7
19	25.8	25.7	25.6	25.3	**25.1**	**25.1**	27.2	28.7	30.5	31.6	30.5	31.9
20	25.4	25.1	24.9	25.3	24.6	**24.4**	26.6	28.2	30	30.5	31.3	31.6
21	25	24.6	23.3	22.5	**22.3**	22.7	26	29.2	30.6	31.6	33.5	33.8
22	26.6	26.4	25.9	25.7	**25.5**	25.6	28.6	30.2	31.2	32.5	33.2	33.7
23	25.2	24.8	24.3	**24.2**	**24.2**	24.3	26.5	29.2	31	32.5	33.3	34.2
24	26.3	26	25.7	25.5	25.5	**25.4**	26.5	28.2	29.3	30.2	30.8	31.9
25	26.6	26.2	26	25.9	25.9	**25.8**	27.4	29	30.5	31.5	32	30.7
26	26.2	26	25.9	25.8	**25.4**	25.5	27	28.5	30.7	29.7	31	30.6
27	25.7	25.7	25.5	25.4	**25.3**	25.6	27.6	29.3	30.3	30.5	31	31.7
28	26.2	26.1	25.2	**24.9**	25	25.1	25.4	26.5	29.1	29.6	30.2	31.3
29	26.2	25.9	25.8	25.8	25.6	25.5	26.5	28.2	28.9	31.2	31	**31.8**
30	24.6	24.6	24.5	24.5	**24.4**	24.5	26	26.9	28.2	28.3	28.8	29.4
31	24.7	24.3	24	23.8	**23.5**	23.6	25.3	27.3	29.9	29.6	30.4	32.3
Mean	25.4	25.2	24.9	24.8	**24.6**	**24.6**	26.5	28.5	30.1	30.7	31.2	31.9

ATMOSPHERIC PRESSURE, 700 mm +.

1 p	2 p.	3 p.	4 p	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
57.24	56.76	**56.67**	56.82	56.81	57.30	57.72	58.10	58.45	**59.40**	**59.40**	59.15	57.96
57.50	56.59	56.34	**56.28**	56.90	57.61	58.27	58.80	59	**59.60**	**59.60**	59.30	58.27
58.16	57.47	56.70	**56.37**	56.91	57.06	57.85	58.25	58.55	58.55	58.75	58.40	58.45
58.04	57.47	57.31	**56.90**	57.05	57.49	58.15	58.35	58.90	59.15	58.95	58.75	58.43
57.25	56.64	56.08	**55.99**	56.14	56.74	57	57.55	57.75	57.95	58	58	57.73
56.69	56.08	55.63	**55.29**	55.79	56.31	57.02	57.50	57.85	57.80	58.45	58.35	57.39
56.50	55.74	**55.65**	55.73	55.87	56.52	57.07	57.65	58.15	58.55	58.05	57.65	57.36
56.75	55.89	**55.44**	55.46	55.66	56.11	56.47	56.95	57.65	58	57.95	57.60	57.02
56.30	**55.71**	55.78	56.69	57.36	57.92	58.28	58.75	58.70	59.10	**59.30**	58.80	57.54
57.65	57.90	**57.27**	57.90	58.02	58.24	58.26	59.10	59.65	**60.15**	60.05	59.75	58.70
58.43	57.51	**57.04**	57.07	57.88	58.46	58.72	59.30	59.80	60.05	59.75	59.50	59
57.81	57.17	56.89	**56.86**	57.61	58.25	58.76	59.45	59.50	59.70	59.45	58.90	58.75
57.31	57.06	**56.39**	56.76	56.83	57.39	57.78	58.25	58.60	58.90	58.85	58.65	58.03
57.01	56.59	**56.28**	56.29	56.67	57.37	58.05	58.40	59.55	**59.65**	59.45	59	57.92
57.12	56.71	56.54	**56.34**	56.59	57.14	57.80	58.50	59.20	**59.60**	59.40	58.95	57.99
57.70	57	56.49	**56.24**	56.50	57.28	58.17	58.65	59.40	**59.75**	59.65	59.45	58.43
57.88	57.80	57.52	**57.46**	57.78	58.31	58.52	59.05	59.65	60	**60.30**	59.75	58.75
58.49	57.99	57.42	**57.24**	57.97	58.39	58.96	59.55	59.85	60.20	**60.30**	59.90	58.99
58.12	57.40	56.91	**56.59**	56.94	57.52	58.02	58.25	58.65	59.20	59.15	58.75	58.72
57.55	56.90	56.43	**56.02**	56.06	56.78	57.26	58	58.40	58.65	58.70	58.65	58.02
57.34	56.90	56.55	**56.50**	56.60	57.43	58.35	58.70	59.30	**59.80**	59.70	59.35	58.13
58.05	57.50	57.33	**57.28**	57.75	58.46	59.36	59.90	60.65	60.75	**61**	60.80	58.88
58.43	58.08	**57.75**	57.90	58.35	58.68	59.14	59.80	60.20	60.55	60.35	60.35	**59.72**
57.72	57.06	56.58	**56.38**	56.58	56.81	57.51	58.10	58.80	59.15	58.95	58.90	58.64
56.70	56.29	56.09	**55.83**	56.03	56.45	57.29	57.80	58.05	58.25	58.30	57.95	57.68
57.11	56.82	**56.24**	56.37	56.71	57.02	57.56	58.15	58.65	**59.40**	58.85	58.35	57.66
56.89	56.54	56.16	**56.04**	56.37	57.11	57.55	57.85	58.30	58.90	**59.05**	58.75	57.74
56.77	56.32	56.06	**56.05**	56.16	56.85	57.42	57.90	58.20	58.40	58.25	57.85	57.53
57.32	57.37	57.26	57.16	57.09	57.39	57.91	58.15	58.40	58.60	58.50	57.95	57.86
56.34	55.92	55.76	**55.46**	55.54	56.08	56.61	56.65	57.35	57.60	57.85	57.30	**56.94**
56.16	55.72	**55.51**	55.55	55.71	56.25	57.07	57.70	58.45	58.65	**58.85**	58.60	57.03
57.37	56.87	56.52	**56.48**	56.78	57.31	57.87	58.36	58.83	**59.16**	59.13	58.82	58.11

TEMPERATURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
32.8	32.2	30.2	28.6	29.3	29	28.3	27.4	27.1	26.4	25.9	25.6	27.7
34.4	**35**	34.7	34	32.4	31.2	29.5	28	27.3	26.4	25.9	24.2	28.9
33.1	33.5	34	**34.7**	32.4	29.8	28.7	28.7	28.2	27.1	27.1	26.6	28.7
33.7	32.9	30.9	31.8	28.8	28.4	28	27.4	27.1	26.3	25.8	24.8	28.1
32.8	33.6	**34.1**	31.5	28.5	27.7	27.1	26.9	26.4	26	25.8	25.2	28
32.8	**33.7**	33	33.1	30.6	29.4	27.7	27.4	27	26.8	26.9	26.1	28.2
34.3	33.8	33.4	30.7	27.9	27.7	27.5	27.2	26.6	25.8	25.2	24.9	28.3
32.9	32.9	**33.3**	32.1	32.5	31.4	30	29.1	28.6	27.9	27.8	26.9	28.8
33.6	**34.2**	34.1	27.5	24.6	24.5	**24.4**	24.5	24.6	24.5	24.5	24.6	27.6
27.4	24	24.4	24.7	25.1	25.2	25.2	24.8	24.6	24.4	24.3	24.3	**25.6**
33.2	33	32.4	30.3	28.1	27.8	27.8	27.5	26.7	26	25.7	25.5	27.6
32.9	31.6	32.8	32.1	26.2	25.6	26.3	26.1	25.8	25.6	25.5	25.4	27.7
30.5	28	27.3	28.3	28.2	28.2	28.1	28.5	27.8	26.3	25.9	25.9	27.4
33.3	**33.6**	32.5	31	30.2	28.7	27.3	27.2	26.9	25.7	25.6	**25.1**	28.3
33.6	32.6	33.2	31.5	30.8	30	29.8	29.5	29.3	27.7	27.1	26.9	28.6
32.8	32.6	32	**32.8**	32.2	30.8	28.3	26.5	26.5	26.2	26	**25.6**	28.8
29.9	29.5	29.6	27.9	27.5	27.3	26.9	27.2	26.5	26.2	25.7	25.6	27.4
32.3	**32.6**	32.1	31.9	30.5	29.6	29	28.8	28.7	27.3	26.6	26	28.5
33.1	32.9	32.9	**33.2**	30.6	29.4	28.1	26.7	26.4	26.2	26	25.8	28.5
33	33.3	**34.4**	34	32.2	29.9	28.6	27.5	26.7	25.9	25.6	25.4	28.5
34.7	**34.9**	34.7	34.1	32.7	30.8	29.4	29	28.6	28	27.5	27.1	29
34.6	34.5	34.3	32.7	29.6	28.8	28.1	25.9	25.9	25.7	25.6	25.6	29
35.4	34.2	34.5	32.5	30.6	29.8	29.5	28.8	28.1	27.6	27	26.6	**29.1**
33	33.4	33.5	**33.9**	31.2	30.4	29.6	28.8	28.1	28	27.4	26.7	29
32.2	31.4	31.7	32	30.4	29.7	29.3	28.9	28.6	28.2	27	26.6	28.9
29.3	30.6	**32.2**	30	30	29.7	29.5	29.6	28.2	27.2	26.6	25.9	28.4
32.4	31.3	30.6	31	29.6	28.9	28.8	28.7	28.6	28.5	28.4	27.4	28.7
31.9	31	31.2	31.4	28.5	28.1	27.4	27	26.9	27	26.9	26.5	27.8
30	28.9	27.6	28.2	28.4	25.9	**24.8**	**24.8**	**24.8**	25	25.1	25	27.1
30.1	**30.9**	29.1	29.5	29.4	28.2	26.8	26.4	25.7	25.3	24.8	24.8	26.9
33.2	33.2	**34**	32	31	29.5	28.4	27.6	26.9	26.6	26.1	25.4	28
32.6	32.3	32.1	31.3	29.7	28.8	28	27.5	27.1	26.5	26.2	25.7	28.2

RELATIVE HUMIDITY.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	79	82	81	83	83	**85**	74	65	58	56	59	56
2	81	82	84	86	**87**	**87**	83	70	62	60	64	52
3	73	76	80	81	83	**85**	77	70	62	61	66	60
4	74	75.5	79	81	82	**85**	79	69	63	61	56	**54**
5	83	83	82	85	85	85.5	79	71	67	62	60	59
6	91	**92**	91	**92**	**92**	**92**	88	77	68	71	67	67
7	84	85	85	85	87	87	81	68	63	57	58	62
8	88	89	**91**	**91**	**91**	90	84	71	66	65	61	69
9	85	85	85	86	87	89	78	69	64	71.5	63	61
10	94	94	93	92	92	93	91.5	90	85	76	75	**72**
11	**96**	**96**	**96**	**96**	**96**	**96**	92	84	81	68	65	66
12	**92**	**92**	**92**	**92**	91	90	86	76	67	72	71	69
13	91	91	91	92	92	**93**	92	81	76	76	71	**69**
14	84	84	84	84	86	88	84	81	75	72	67	62
15	92	92	92	92	**93**	92	92	88	78	70	65	63
16	88	88	**89**	**89**	**89**	**89**	87	76	68	69	63	62
17	88	91	92	91	93	92	86	77	73	71	**68**	71
18	95	96	95	96	96	**97**	94	88	74	69	68	**66**
19	91	92	92	93	**94**	93	84	76	68	66	74	68
20	88	**90**	87	87	**90**	**90**	83	70	66	64	60	61
21	76	72	79	**82**	**82**	80	72.5	63	57	55	51	52
22	79	79	81	82	80	81	72	65	61	58	55	52
23	85	87	90	91	92	**93**	87	81	72.5	65	59	58
24	85	86	88	89	88	**90**	86	79	76	71	69	64
25	77	78	76	79	79	80	80	73	67	65	**63**	70.5
26	91	92	92	**93**	**93**	92	88	84	74	76	72	74
27	90	89	90	90	**91**	90	86	79	73	71	68	64
28	88	87	90	91	91	91	**93**	86	76	77	68	64
29	86	87	88	88	88	89	86	77	77	69	63	**59**
30	93	93	94	94	**95**	93	91	88	80	79	75.5	74.5
31	85	88	90	88	**92**	91	85	78	69	71	67	59
Mean	86.2	86.9	87.7	88.4	89	**89.3**	84.5	76.5	69.9	67.6	64.9	63.2

VAPOR PRESSURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	18.2	18.3	17.8	17.6	**17.3**	17.6	19	19.3	19.8	20.3	18.5	19.2
2	19.7	19.6	19.7	19.7	19.7	19.3	20.9	**21.4**	21.3	20.5	20.6	18.8
3	**17.4**	**17.4**	17.9	18.1	18.1	18.4	20.2	20.3	20.4	20.2	**21.4**	21.2
4	17.9	**17.7**	18	18.1	18.2	18.8	20.3	21.2	20.3	20.2	19.7	19.8
5	19.1	19.2	**18.6**	18.8	18.7	18.7	20.5	21.6	21.2	20.5	20.6	20.9
6	21	20.9	20.5	**20.4**	**20.4**	**20.4**	21.3	21.9	21.7	22.8	23.2	**23.9**
7	20.6	20.3	20.1	**19.9**	20	20.2	21.5	21.4	20.6	20.8	21.4	21.6
8	20.5	20.4	20.5	20.3	**20.2**	20.4	22	21.6	21.7	21.6	20.9	22.6
9	21.6	21.4	21.3	20.7	20.2	20.4	21.2	21.4	22.3	**22.9**	22.2	22.8
10	21.5	21.5	21.4	21.4	21.3	**20.2**	20.9	22.8	23	23.2	23.1	**23.9**
11	21.4	21.2	21.1	20.7	**20.6**	20.8	22.1	23.2	23.3	22.2	22.2	23.1
12	21.8	21.7	21.6	21.4	21.2	21	21.9	22.4	22.1	23.1	23.3	**24.3**
13	21.6	21.5	21.3	21.5	21.4	21.4	22.2	23.2	23.1	23.3	23.1	23.1
14	21	20.8	20.3	20.5	20.9	21.1	23	22.7	23.1	**23.5**	21.8	21.9
15	21.4	21.4	21.3	21.3	**20.9**	**20.9**	22.2	**24.8**	23.8	22.1	22.4	22.7
16	22.6	22.3	22.2	22.1	22	21.9	**23.6**	23.5	23.4	22.9	21.7	21.8
17	**20.8**	21.2	21.4	21	21.5	21.5	22.4	22	23	23.3	23.3	23.4
18	23	23	**22.5**	**22.5**	**22.5**	22.8	23.7	23.8	22.6	22.8	23.3	23.2
19	22.4	22.5	22.4	22.2	22.3	22.1	22.6	22.2	21.9	22.8	**23.9**	**23.9**
20	21.3	21.3	20.3	20.8	20.7	20.4	**21.4**	20	20.9	20.7	20.5	21.1
21	18	16.6	16.7	16.7	16.5	**16.4**	18.1	19	18.7	19.1	19.5	20.3
22	20.4	20.1	20.2	20.1	**19.4**	19.7	20.9	20.7	20.7	21	20.9	20.2
23	**20.3**	**20.3**	**20.3**	**20.3**	20.7	21	22.4	**24.3**	24.2	23.5	22.6	23.1
24	21.6	21.5	21.5	21.7	21.4	21.7	22.2	22.4	**23.1**	22.8	22.9	22.3
25	19.8	19.7	**19**	19.6	19.6	19.7	21.7	21.6	21.8	22.4	22.3	23.1
26	23	22.9	22.8	22.8	22.3	22.2	23.3	24.3	24.4	23.5	24	24
27	22.1	21.9	21.8	**21.7**	21.8	22	23.6	**24**	23.3	23	22.7	22.3
28	22.2	21.8	21.4	21.2	21.3	21.5	22.5	22.2	22.8	**23.6**	21.6	21.7
29	21.8	21.6	21.6	21.6	21.6	21.7	22.2	21.7	22.8	**23.5**	21.1	**20.7**
30	21.4	21.4	21.5	21.5	21.6	21.3	22.7	**23.2**	22.8	22.5	22.2	22.6
31	19.6	19.9	19.9	19.3	19.8	19.8	20.4	21.1	21.7	**21.9**	21.6	21.1
Mean	20.8	20.7	**20.5**	**20.5**	**20.5**	**20.5**	21.7	**22.1**	**22.1**	**22.1**	21.9	**22.1**

RELATIVE HUMIDITY.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
55.5	**54**	59	68.5	68	66	69	73	74	78	81	82	70.4
44	**44**	45	**44**	46	49	53	56	57	61.5	64.5	74	**64**
54	52	50	**48**	55	60	64	63	65	70	70	72	66.5
54	56	62	61	69	72	74	73	74	76	79	83	70.5
56	**54**	56	60	76	79	82	83	82	85	84.5	**88**	74.5
64	60	63	**57**	65	68	74	76	78	78	80	83	76.4
57	**55**	57	66	81	80	79	81	84	86	88	**89**	75.2
56	61	58	63	62	63	68	71	73	77	78	81	73.6
55	57	57	73	88	89	89	89	**92**	**92**	**92**	**92**	78.7
84	**96**	95	**96**	**96**	**96**	95	95	**96**	**96**	95	95	**90.9**
63	**63**	64	72	79	84	84	87	89	89	89	91	82.8
65	69	65	**63**	82	81	84	85	88	88	88	88	80.7
72	70	75.5	72	73	74	74	75	78	82	85	85	80.4
56.5	**55**	59	65	71	77	77	75	82	88	88	**91**	76.5
59	59	**57**	63	69	70	69	72	74	82	85	86	77.2
58	59	61	**55.5**	61	68	74.5	86	86	**89**	**89**	88	76.3
79	81	78	84	81	84	86	86	90	93	93	**94**	84.2
68	68	69	68	73	75	76	78	78	84	88	91	81.2
62	63	63	63	67	74	75	80	85	85	87	87	78.4
54	55	**46**	48	53	62	68	70	72	75	77	75	70.5
49	**48.5**	51	52	55	62	66	70	72	74	76	77	65.6
49	**49**	**49**	53	69	72	75	84	**85**	**85**	**85**	**85**	70.2
54	58	56	59	70	72	71	73	77	80	83	86	75
57	56	54.5	**52**	55	57	61	65	70	70	73	75	71.5
64	66	68	67	73	77	76	78	80	82	88	**89**	74.8
83	76	**68**	74	76	75	76	73	82	87	87	88.5	81.9
62	65	68.5	69	73	77	76	79	80	80	80	84	78.1
65	70	66	**61**	70	73	76	79	83	82	83	84	78.9
70	78	80	77	77	85	92	92	92	92	**93**	92	82.4
71	**62**	71	64	64	71	77	78	81	81	85	84	80.8
51.5	**50**	**50**	56	61	63	70	74	76	77	79	80	72.9
61	61.6	62	63.7	69.6	72.7	75.2	77.4	79.8	82.1	83.6	85.1	76.2

VAPOR PRESSURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
20.5	19.5	18.9	19.9	**20.5**	19.7	19.7	19.7	19.7	19.9	20	20	19.2
17.7	18.3	18.5	17.3	16.6	16.6	16.3	15.8	**15.3**	15.7	16	16.7	**18.4**
20.3	19.9	19.6	19.6	19.8	18.6	18.7	18.3	18.4	18.7	18.7	18.7	19.2
21.1	20.7	20.5	**21.4**	20.2	20.7	20.7	19.7	19.7	19.4	19.5	19.2	19.7
20.8	20.7	**22.3**	20.5	22	21.6	21.8	21.7	21.1	21.3	20.8	21.1	20.6
23.8	23.4	23.4	21.4	21.3	20.8	20.5	20.6	20.7	20.5	21.2	20.9	21.5
23	21.6	21.8	21.7	22.6	22	21.6	21.8	21.8	21.2	20.8	20.9	21.2
20.7	**22.8**	22.2	22.2	22.4	21.6	21.4	21.4	21.3	21.4	21.6	21.3	21.4
21.1	22.6	22.7	**20**	20.3	20.3	20.2	20.3	21.1	21.1	21.1	21.2	21.3
22.9	21.2	21.6	22.2	22.7	22.8	22.6	22.1	22	21.7	21.4	21.4	22
23.7	**23.7**	23.2	23.2	22.2	23.5	23.5	23.6	23.1	22.3	21.9	22	22.4
24.2	23.8	24.2	22.5	20.6	**19.8**	21.3	21.4	21.6	21.4	21.3	21.3	22
23.5	**19.7**	20.3	20.7	20.8	21.2	21	21.8	21.6	20.8	21	21	21.7
21.5	21.3	21.5	21.6	22.8	22.5	20.7	**20.2**	21.6	21.5	21.4	21.5	21.6
22.8	21.5	21.5	21.6	22.6	22.1	21.6	22	22.5	22.7	22.7	22.5	22.1
21.4	21.6	21.4	**20.5**	21.7	22.4	21.3	22.2	22	22.4	22.1	21.4	22.1
24.7	**25**	24	23.4	22.2	22.5	22.5	23	23.2	23.4	22.7	22.9	22.7
24.5	**24.8**	24.7	23.9	23.6	23.2	22.7	22.8	22.9	22.7	22.7	22.7	23.2
23.3	23.3	23.3	23.7	21.9	22.5	21.2	**20.7**	21.7	21.6	21.7	21.5	22.4
20	20.9	18.7	18.8	19.1	19.5	19.7	19.3	18.8	18.7	18.7	**18.1**	20
20	20.1	**20.9**	20.5	20.4	20.4	20	20.8	**20.9**	20.7	20.8	20.4	19.2
20.1	19.7	19.8	**19.4**	21.1	**21.2**	**21.2**	20.8	21	20.9	20.8	20.8	20.5
23.2	23.4	22.7	21.5	22.8	22.4	21.8	21.6	21.8	21.9	22.2	22.2	22.1
21.5	21.4	20.9	20.5	18.5	**18.4**	18.7	19.2	19.7	19.7	19.7	19.5	21
23	22.7	23.6	23.6	23.5	**23.7**	22.9	23.2	23.4	23.4	23.3	23	22.1
25.1	24.7	24.3	23.4	23.9	23.1	23.2	22.5	23.2	23.2	22.6	**22**	**23.4**
22.3	22.1	22.3	23.2	22.5	22.8	22.4	23.1	23.1	23.2	22.8	22.6	22.6
22.8	23.3	22.4	20.8	**20.2**	20.6	20.6	20.9	21.7	21.7	21.7	21.6	21.8
22.1	23.2	21.9	22	22.3	21.2	21.5	21.3	21.3	21.7	22.1	21.7	21.8
22.6	20.7	21.2	19.7	19.6	20.2	20.1	19.9	19.8	**19.5**	19.8	19.6	21.1
19.5	**19**	19.8	19.8	20.4	19.2	20	20.4	20	19.8	19.7	19.4	20.1
22.1	21.8	21.7	21.3	21.3	21.2	21	21	21.2	21.1	21.1	20.9	21.3

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Ci.		Ci.		Ci.-Cu.		Ci.					
2	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.			
3	Ci.				Ci.							
4					A.-Cu.		A.-Cu.				A.-Cu.	
5												
6	Ci.		Ci.		Ci.						Ci.-S.	
7	Ci.-S.		Ci.-S.		Ci.		Ci.		Ci.			
8	Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.		A.-Cu.	
9	Ci.	WNW	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
10					Ci.-S.				Ci.-S.		Ci.-S.	
11	A.-Cu.	NE	A.-Cu.				Ci.		Ci.		Ci.	
12	Ci.-S.		Ci.-S.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.	
13	Ci.-S.		Ci.-S.						Ci.		Ci.-Cu.	
14	A.-Cu.	S	Ci.-S.		Ci.-S.		Ci.-S.	S	Ci.-S.		Ci.-Cu.	
15	Ci.-S.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
16	Ci.	NEbyN	Ci.	NEbyN	Ci.		Ci.		Ci.		Ci.	
17	Ci.	E	Ci.	E	Ci.		Ci.		Ci.		Ci.-S.	
18	Ci.-S.		Ci.-S.	ENE	Ci.-S.		Ci.-S.		Ci.-S.	ENE	Ci.-S.	
19	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.-S.	
20	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
21	Ci.		Ci.		Ci.		Ci.		A.-Cu.		A.-Cu.	
22	Ci.		Ci.		Ci.				A.-Cu.			
23	Ci.-S.		Ci.-S.		Ci.-S.	E	Ci.-S.		Ci.-S.		Ci.-Cu.	
24	Ci.-S.	E	Ci.-S.	E	Ci.-S.	E	Ci.-S.		Ci.-S.		Ci.-S.	
25	Ci.-S.	NW	Ci.-S.	NNW	Ci.-S.	NNW	Ci.-S.	NNW	Ci.-S.	NNW	Ci.-S.	
26	Ci.-S.	ESE	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.			
27	Ci.-S.		Ci.-S.	NE	Ci.-S.	NE	Ci.-S.	NE	Ci.-S.		Ci.-S.	
28	Ci.-S.		Ci.-S.	W	A.-Cu.	W	A.-Cu.	W	Ci.-Cu.		Ci.-Cu.	
29	A.-Cu.	EbyS	Ci.-S.	E	Ci.-S.	EbyN	Ci.-S.		Ci.-S.	EbyN	Ci.-S.	
30	Ci.-S.	NWbyN	Ci.-S.	NWbyN	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
31	Ci.-S.	NW	A.-Cu.	EbyS	Ci.-S.		Ci--S.		Ci.-S.		Ci.-S.	

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.		Cu.		Cu.		Cu.		Cu.	E	Cu.	ESE
2	Cu.		Cu.		Cu.	EbyS	Cu.	EbyS	Cu.		Cu.	
3	Cu.		Cu.	E	Cu.	E	Fr.-Cu.	E	Cu.-N.	E	Cu.-N.	
4	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
5	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
6	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.-N.	
7	Cu.		Cu.		Cu.		Cu.		Cu.		N.-cf.	
8	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
9	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
10	Fr.-N.		Fr.-N.		Fr.-N.		N.-cf.		Cu.		Cu.	E
11	Cu.		S.-Cu.	E	Cu.-N.	ESE	Cu.-N.		Cu.	E	Cu.	
12	Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.		Cu.	ESE
13	Cu.		Cu.		Cu.	SE	Cu.	SE	Cu.-N.	SE	Cu.	
14	Cu.-N.		S.-Cu.	ENE	S.-Cu.	ENE	Cu.	E	Cu.		Cu.	
15	Cu.		Cu.-N.	SE	Fr.-Cu.		S.-Cu.		Fr.-Cu.	SEbyE	Cu.	
16	Cu.		Cu.		Cu.	NWbyN	Cu.		Cu.		Cu.	
17	Cu.		Cu.		Cu.	NNE	Cu.	NNE	Cu.	NNE	N.-cf.	NE
18	Cu.-N.		Cu.-N.	SEbyE	Cu.-N.	SEbyE	Cu.-N.	SEbyE	N.-cf.	SEbyE	Cu.	SEbyE
19	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	
20	Cu.		Cu.		Cu.		Cu.		Cu.	E	Cu.	E
21	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
22	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
23	Cu.		Cu.	ESE	Cu.	ESE	Cu.		Cu.		Cu.	
24	Cu.		Cu.		Cu.		Cu.		Cu.-N.		Cu.	
25	Cu.-N.		Cu.		Cu.		Cu.		Cu.		N.-cf.	
26	Cu.		Cu.		Cu.	SE	Cu.	SE	Cu.	SE	Cu.-N.	
27	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
28	Fr.-N.		Fr.-N.		Cu.		Cu.		Cu.		Cu.	
29	S.-Cu.	SE	Cu.	SE	Cu.	SE	Cu.	SE	Cu.	SE	Cu.-N.	
30	S.-Cu.		S.-Cu.	SE	S.-Cu.	SE	S.-Cu.	SE	S.-Cu.		S.-Cu.	
31	Cu.		S.-Cu.		Cu.		Cu.		Cu.	ESE	Cu.	ESE

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Ci.-S.		Ci.-S.		Ci.-S.		A.-Cu.		A.-Cu.		Ci.-S.	
		Ci.-S.				Ci.-S.		Ci.-S.		Ci.-S.	
										Ci.	
Ci.-S.				Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.	
		Ci.-S.		Ci.-S.							
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.		Ci.	
Ci.-S.		Ci.-S.		Ci.-S.						Ci.-S.	
Ci.		Ci.						Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-Cu.	SE	Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-Cu.		A.-Cu.	E	Ci.-S.		Ci.-S.		Ci.-S.			
Ci.-S.	NE	Ci.-S.	NE	Ci.-S.	NE	Ci.-S.	NE	Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.		Ci.		Ci.-S.		Ci.-S.	
Ci.-S.						Ci.-S.		Ci.-S,		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.	EbyS	Ci.-S.	EbyS	Ci.-Cu.		Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.		Ci.				Ci.-S.	
								Ci.-S.			
						A.-Cu.					
Ci.-S.		Ci.-S.		Ci.-S.	SW	Ci.-S.	SW	Ci.-S.	SW	Ci.-S.	
Ci.		Ci.		Ci.		Ci.-S.		Ci.-S.	N	Ci.-S.	N
Ci.-S.	NNW	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
				Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
A.-Cu.		Ci.-S.		Ci.-S.		Ci.-S.					
A.-Cu.	S										
Ci.-S.		Ci.-S.		Ci.-S.		A.-Cu.		Ci.	NE	Ci.	NE
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.	ENE	N.-cf.	ESE	N.-cf.	ESE	Cu.		Cu.		S.-Cu.	
Cu.		Cu.		Cu.-N.		Cu.-N.	ESE	Cu.	ESE	S.-Cu.	ESE
Cu.		Cu.		Cu.		Cu.		Cu.-N.		Cu.	
Cu.-N.		Cu.-N.	E	Cu.-N.		Cu.-N.	E	Cu.		Cu.	
Cu.		N.-cf.	E	Cu.-N.		Cu.-N.		Cu.		Cu.	
Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.-N.		Cu.		Cu.	
Cu.-N.		Cu.	E	N.-cf.		Cu.	E	Cu.		Cu.	
Cu.		Cu.		Cu.-N.		N.		N.		N.	
N.		N.	E	N.		N.		Cu.-N.	E	Cu.-N.	
Cu.		Cu.	E	N.-cf.	E	Cu.-N.		Cu.-N.		Cu.	
Cu.	ESE	Cu.-N.		Cu.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.-N.		Cu.-N.	SE	Cu.-N.		Cu.	E	Cu.	E	Cu.	
Cu.		Cu.		Cu.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.		Cu.		Cu.		Cu.-N.		Cu.-N.	
N.-cf.	NE	Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	ENE	N.-cf.	
Cu.	SEbyE	Cu.		Cu.		Cu.	SEbyE	Cu.		Cu.	
Cu.		Cu.		Cu.-N.		Cu.-N.		Cu.-N.	W	Cu.-N.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.-N.		Cu.-N.	S	Cu.-N.	S	Cu.-N.	S
Cu.		Cu.		Cu.		Cu.-N.	SE	Cu.-N.	SE	Cu.	
Cu.		Cu.	E	Cu.-N.	E	Cu.-N.		Cu.-N.		Cu.-N.	
N.-cf.	SE	Cu.		N.-cf.		Cu.		S.-Cu	SW	S.-Cu.	
Cu.-N.		Cu.-N.	SW	Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.		Cu.		Cu.		Cu.		N.-cf.	
Cu.-N.		Cu.-N.		Cu.-N,		Cu.-N.	SE	Cu.-N.	SE	Cu.-N.	
Cu.-N.		Cu.-N.	SSE	Fr.-N.		Cu.-N.		N.-cf.	ESE	N.	
S.-Cu.		N.-cf.		Cu.-N.		S.-Cu.		S.-Cu.	E	Cu.	
Cu.	ESE	Cu.	E	Cu.-N.	NE	Cu.-N.		Cu.-N.		Cu.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	Calm	---------	Calm	---------	ENE	1	Calm	---------	Calm	---------	Calm	---------
2	ENE	0. 5	Calm	---------	Calm	---------	ENE	0. 5	Calm	---------	Calm	---------
3	ENE	. 5	Calm	---------	ENE	1	NE	1	Calm	---------	Calm	---------
4	NNE	1. 5	E	1	Calm	---------	Calm	---------	N	1	NNE	0. 5
5	Calm	---------	N	1	NNE	. 5	NNE	1	NE	. 5	Calm	---------
6	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------
7	NNE	2	Calm	---------	Calm	---------	N	3	N	1	Calm	---------
8	N	3	NNW	1	NNW	. 5	N	1	N	1	Calm	---------
9	SSE	1	Calm	---------	Calm	---------	NNE	1. 5	NNE	1. 5	ENE	. 5
10	ENE	. 5	Calm	---------	Calm	---------	Calm	---------	ESE	1	Calm	---------
11	N	2	N	. 5	Calm	---------	Calm	---------	Calm	---------	Calm	---------
12	NNE	. 5	Calm	---------	N	. 5	N	. 5	N	. 5	Calm	---------
13	N	. 5	Calm	---------	N	1	Calm	---------	Calm	---------	Calm	---------
14	N	1	N	1	NE	1. 5	NE	1. 5	Calm	---------	Calm	---------
15	Calm	---------	Calm	---------	Calm	---------	Calm	---------	E	. 5	Calm	---------
16	Calm	---------	Calm	---------	Calm	---------	Calm	---------	NE	1. 5	NNE	. 5
17	N	3. 5	N	2	N	2. 5	N	1	N	1	Calm	---------
18	Calm	---------	N	1. 5	NNW	2. 5	N	1	Calm	---------	Calm	---------
19	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------
20	NE	. 5	N	2	N	1. 5	N	1. 5	NE	1	Calm	---------
21	E	2	E	1	Calm	---------	ENE	. 5	ENE	1	Calm	---------
22	ESE	. 5	Calm	---------	E	. 5	ENE	2. 5	NNE	2. 5	Calm	---------
23	N	4. 5	N	2	NE	1	NW	1	NNW	1. 5	Calm	---------
24	NNW	2	NNW	3	N	2	NE	1	ENE	1	SE	. 5
25	N	1	N	1. 5	N	2	N	1. 5	N	2	Calm	---------
26	Calm	---------	E	. 5	E	. 5	E	1	Calm	---------	Calm	---------
27	Calm	---------	E	. 5	E	. 5	Calm	---------	Calm	---------	Calm	---------
28	NW	2. 5	NW	4	NW	1. 5	NE	2	Calm	---------	Calm	---------
29	E	1	Calm	---------	E	. 5	Calm	---------	NNE	2	N	. 5
30	Calm	---------	N	1	Calm	---------	Calm	---------	N	1. 5	NE by E	1. 5
31	N	1	N	1. 5	NNE	1. 5	NE	1. 5	NE	1	NNE	. 5
Mean	------------	1	------------	. 8	------------	. 7	------------	. 8	------------	. 7	------------	. 1

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	W	1. 5	W	1. 5	NE	2. 5	NNE	1	NE	1	ENE	0. 5
2	ESE	3	ESE	4. 5	ESE	3	ESE	1. 5	ESE	1	SE	2
3	W	1. 5	W	2. 5	W	3	SE	2	SE	. 5	Calm	---------
4	WSW	1. 5	NNE	1. 5	NE	2	Calm	---------	E	1. 5	Calm	---------
5	WSW	1. 5	WbyS	3	S	2	NEbyE	10	E	1. 5	Calm	---------
6	W	2. 5	WNW	3	SSW	4	SE	2	NE	1	NE	2
7	W	3. 5	W	1. 5	SSE	1. 5	Calm	---------	E	1	E	1
8	W	2	N	1. 5	WNW	1. 5	Calm	---------	Calm	---------	SE	1
9	WNW	1	W	2. 5	SW	4	E	4. 5	E	2	NE	4
10	NbyW	6. 5	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------
11	Calm	---------	Calm	---------	NW	2. 5	SSE	1. 5	SSW	1. 5	Calm	---------
12	WNW	1	WNW	1. 5	W	3. 5	S	1. 5	SW	5	SW	1
13	WNW	1	SbyW	7	SSE	2	S	1. 5	Calm	---------	Calm	---------
14	Calm	---------	Calm	---------	W	5	W	3	S	3. 5	S	1. 5
15	WNW	2	NWbyW	2	W	2. 5	W	4	SWbyW	4	SW	4
16	WSW	2. 5	WSW	2	WSW	3	W	2	Calm	---------	Calm	---------
17	WNW	. 5	Calm	---------	SSE	. 5	Calm	---------	S	1. 5	SSE	. 5
18	WNW	1. 5	W	3. 5	W	3	W	4	WSW	2	WSW	2
19	WNW	. 5	WNW	3. 5	WSW	. 5	S	1	SW	1. 5	Calm	---------
20	W	3	W	2	SE	3	SEbyE	5. 5	ESE	2. 5	ENE	3
21	ESE	6	SE	4	SE	2. 5	SE	3. 5	Calm	---------	ESE	2
22	SEbyE	1	SE	4	SE	3	Calm	---------	SW	4	SWbyS	4
23	SE	6. 5	SSE	5	SE	6	SE	2. 5	Calm	---------	SSE	4
24	NW	2	WNW	1. 5	W	1	Calm	---------	Calm	---------	ESE	1
25	WNW	3	Calm	---------	W	1. 5	WSW	1	SW	1	WSW	2
26	WSW	1	SW	3. 5	WSW	4	SW	4. 5	WSW	2	WSW	4. 5
27	WSW	5. 5	WSW	7	SW	5	WSW	7	WSW	8	SW	2. 5
28	WSW	2	SSW	. 5	Calm	---------	Calm	---------	SSE	3	SSE	1
29	SSW	4	E	2	Calm	---------	WNW	2	NNW	1. 5	SSW	2. 5
30	ESE	1. 5	ESE	2	ESE	1	EbyS	5. 5	EbyS	. 5	Calm	---------
31	ESE	3. 5	E	1	SE	2	SE	3. 5	SE	5. 5	SE	4
Mean	------------	2. 3	------------	2. 4	------------	2. 4	------------	2. 4	------------	1. 8	------------	1. 6

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	--------	Calm	--------	NNE	3	NNE	1	W	2.5	W	2.5
Calm	--------	Calm	--------	Calm	--------	E	2	NW	2.5	Calm	--------
NNE	1.5	Calm	--------	Calm	--------	NW	2.5	WNW	3	W	3.5
Calm	--------	Calm	--------	WNW	1.5	WNW	3	WNW	2.5	WNW	3
Calm	--------	Calm	--------	WNW	1	NW	2.5	WNW	2	WSW	2
Calm	--------	Calm	--------	SSW	.5	Calm	--------	WSW	1	W	1
Calm	--------	Calm	--------	S	.5	Calm	--------	E	1	NW	2
Calm	--------	Calm	--------	WNW	1	WNW	2.5	W	4	NW	1
ENE	.5	Calm	--------	NE	1.5	W	4.5	W	3.5	WNW	4.5
Calm	--------	Calm	--------	Calm	--------	Calm	--------	S	.5	W	.5
Calm	--------	Calm	--------	Calm	--------	E	1	SE	2.5	W	1
Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	WNW	3
Calm	--------	NW	0.5	WNW	.5	WNW	2.5	WNW	2	WNW	2.5
Calm	--------	Calm	--------	SSW	1	SW	.5	SW	.5	SW	.5
Calm	--------	Calm	--------	E	.5	Calm	--------	Calm	--------	Calm	--------
NNE	.5	N	2	NW	4	NNW	1.5	WbyS	3	WSW	1
Calm	--------	Calm	--------	Calm	--------	SW	1.5	WbyS	3	WSW	1.5
Calm	--------	SSE	1	Calm	--------	ESE	1.5	SE by E	2	SE	3
Calm	--------	E	.5	Calm	--------	WNW	.5	WNW	.5	NW	.5
Calm	--------	Calm	--------	WSW	2	SW	2	WSW	.5	W	3.5
Calm	--------	Calm	--------	Calm	--------	E	1	E	2	SE	3
Calm	--------	SE	1	ESE	1.5	ESE	3.5	SE	4.5	SSE	2
NE	.5	ESE	.5	ESE	1	E	2.5	SSE	3	SEbyS	2.5
NW	1	Calm	--------	Calm	--------	WNW	1	NW	2.5	WNW	3
Calm	--------	SE	1	ESE	1	SE	4	S	2	W	2
Calm	--------	Calm	--------	S	.5	WSW	.5	W	1	S	.5
Calm	--------	Calm	--------	Calm	--------	Calm	--------	SW	1	WSW	2.5
Calm	--------	Calm	--------	Calm	--------	WNW	2.5	W	3	WSW	1.5
Calm	--------	SE	1	Calm	--------	S	1	Calm	--------	SW	5.5
NE	1	NE	1.5	N	2	NNE	1.5	N	2	Calm	--------
NE	1	Calm	--------	Calm	--------	SW	1	SW	3	ESE	3
------------	.2	------------	.3	------------	.7	------------	1.5	------------	2	------------	2

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		12 m. n.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
E	0.5	E	1	ESE	0.5	Calm	--------	E	0.5	Calm	--------	0.9
Calm	--------	E	1	ESE	1	Calm	--------	Calm	--------	Calm	--------	.9
Calm	--------	ESE	2.5	ESE	1	ESE	1.5	NW	2	NW	1.5	1.3
Calm	--------	NE	1	N	2.5	N	1	Calm	--------	Calm	--------	1
Calm	--------	SE	1	SE	1.5	ESE	.5	E	1.5	NE	1	1.4
Calm	--------	Calm	--------	Calm	--------	Calm	--------	N	2.5	N	3.5	1
Calm	--------	N	2	NNW	2.5	NNW	2.5	N	2.5	N	1.5	1.2
Calm	--------	SEbyS	1.5	SEbyS	2	SSE	1.5	SSE	3	Calm	--------	1.2
N	4	N	3.5	NNE	1.5	Calm	--------	Calm	--------	Calm	--------	1.9
Calm	--------	NNW	2	NNW	3.5	NNW	4	NNW	3	NNW	1.5	1
S	1	Calm	--------	NNW	1.5	NNE	1	NNE	.5	Calm	--------	.7
Calm	--------	N	1	Calm	--------	N	2	N	2	N	.5	1
Calm	--------	SW	1	SE	1	Calm	--------	Calm	--------	Calm	--------	1
ESE	1	SE	1	NE	1.5	E	1	E	1	E	1	1.1
SWbyW	4	SWbyW	5	SWbyW	3.5	Calm	--------	S	1	Calm	--------	1.4
EbyS	1	Calm	--------	NE	.5	Calm	--------	Calm	--------	NbyW	4.5	1.2
SSW	.5	Calm	--------	Calm	--------	Calm	--------	NNE	2.5	Calm	--------	.9
WSW	2	SW	2	SW	1.5	SE	.5	Calm	--------	Calm	--------	1.4
Calm	--------	E	.5	Calm	--------	E	1	E	.5	E	1	.5
Calm	--------	ESE	1	E	.5	ESE	.5	ESE	.5	ESE	1	1.5
SE	2	SE	1.5	ESE	1	Calm	--------	SE	1.5	ESE	1	1.5
SSE	1	SW	1	Calm	--------	ESE	.5	Calm	--------	NNW	4.5	1.7
Calm	--------	SSE	2	Calm	--------	Calm	--------	NE	1	Calm	--------	2
ESE	2	ESE	3	ESE	1.5	ESE	.5	ESE	1	Calm	--------	1.3
WSW	3	SW	2	S	1	S	1	E	1	E	.5	1.5
WSW	3	WSW	4.5	SWbyW	4	ESE	1	ENE	.5	Calm	--------	1.5
SW	1	SW	4	SW	2.5	W	2.5	W	2	ENE	1	2.2
Calm	--------	SSE	1	ESE	1	ESE	1	E	1.5	E	.5	1.2
Calm	--------	ENE	1	ENE	1.5	Calm	--------	Calm	--------	N	1	1.1
Calm	--------	NNE	1.5	NE	2.5	NE	.5	Calm	--------	NNE	1	1.2
ESE	1.5	ESE	2	ESE	2	ESE	2	E	1	Calm	--------	1.8
------------	.9	------------	1.6	------------	1.4	------------	.8	------------	1	------------	.9	1.3

WIND—FORCE IN KILOMETERS PER HOUR.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	2	0	3	2. 5	0. 5	0. 5	0. 5	2	5	6	13	13
2	4. 5	1. 5	1	3	3	2	1	. 5	4	7. 5	6	11
3	1. 5	3. 5	3. 5	4	4	2. 5	2	5	2. 5	14	17. 5	16. 5
4	4. 5	4	3	2. 5	4. 5	6. 5	5	1. 5	8	14	19	16
5	0	4	4. 5	4	3. 5	2. 5	3	1	7	14	**17**	**17**
6	2	1	2	1	0	1	3	3	4	8	10	10
7	8. 5	5	2. 5	7	6. 5	5	3	1. 5	6	9. 5	4	12. 5
8	7	7. 5	2. 5	4	5	5	5	3. 5	8. 5	12	**15.5**	13. 5
9	4. 5	3. 5	1. 5	5	6. 5	5. 5	2. 5	4. 5	5	11	16	18
10	3. 5	2. 5	2	1. 5	4	2. 5	3	3. 5	5. 5	4. 5	5	11
11	6. 5	6	3	0	0	2	2	2	1. 5	4. 5	9	6
12	. 5	3. 5	1	2. 5	2	1. 5	1	. 5	2. 5	9. 5	9	9
13	2	3	2	4	1	. 5	1. 5	6. 5	7. 5	14	11. 5	11
14	2. 5	4. 5	5	5	3. 5	0	0	0	3. 5	6	8	6
15	2. 5	1	0	1	3	2	1. 5	3	4. 5	6	5. 5	2. 5
16	2. 5	1	2. 5	2	4. 5	2	1	10	15	8	9	10. 5
17	**13**	**13**	8	4	5	3	3	6	2	7	10. 5	11
18	0	3	7	6. 5	1. 5	0	1	8	4	5	9	8
19	3	2	2	3	3	2. 5	4. 5	4	4	4. 5	11	**16**
20	3. 5	4	7	7	4	3	1. 5	2. 5	1. 5	8. 5	10	11. 5
21	8	9	4. 5	1. 5	4	5	3. 5	3	7. 5	7. 5	9	9. 5
22	2. 5	1	1. 5	5	10	2	2	10	18	18. 5	**20.5**	17
23	17. 5	10. 5	7. 5	5	5. 5	4	3	6	6	5. 5	9	14
24	6	13	10	6. 5	2. 5	3	2	6	. 5	6. 5	16	14
25	2. 5	5	7. 5	8. 5	8	8	2. 5	5. 5	9. 5	13. 5	9. 5	13
26	1	3	3. 5	3. 5	2	2. 5	2	. 5	3. 5	4. 5	7. 5	5. 5
27	1. 5	2. 5	2. 5	1. 5	2	1. 5	2. 5	2. 5	2	1	5. 5	8
28	9	**20**	15	7	4	3	1. 5	5. 5	3	3. 5	13	10
29	3. 5	2	1	1. 5	6. 5	8	8	2. 5	6	3. 5	6. 5	10
30	2. 5	3. 5	1. 5	2. 5	5	7	3. 5	3. 5	6. 5	6. 5	5. 5	3
31	3	3	4	4. 5	3. 5	3	6	2. 5	. 5	5	9. 5	11. 5
Mean	4. 2	4. 7	3. 9	3. 8	3. 8	3. 1	**2.6**	3. 7	5. 3	8	10. 5	11. 1

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. m.
1	2	2	2	2	8	8	7	9	10	7	7	5	5. 8	8 20
2	5	6	5	7	7	5	4	4	5	5	6	7	5. 5	9 45
3	1	6	1	4	7	5	2	3	4	5	5	5	4	10 45
4	3	2	2	3	4	5	6	8	9	9	9	7	5. 6	8 20
5	2	2	2	4	3	3	5	5	6	8	8	8	4. 7	9 40
6	5	5	4	5	5	4	4	6	7	7	9	8	5. 8	10 00
7	3	3	5	5	6	5	6	7	8	10	9	8	6. 2	8 25
8	4	4	2	2	6	7	8	8	9	9	8	6	6. 1	9 45
9	4	3	5	6	5	4	4	5	6	10	10	10	6	9 20
10	10	10	8	9	8	8	10	10	10	10	10	10	9. 4	2 25
11	9	9	9	5	4	6	6	6	7	9	9	9	7. 3	4 45
12	9	9	8	9	9	8	7	7	7	8	9	10	8. 3	6 55
13	9	6	6	7	5	6	8	10	9	9	9	10	7. 8	4 50
14	5	4	6	5	5	4	6	7	8	9	10	10	6. 6	6 45
15	6	5	7	8	7	4	6	5	4	5	3	6	5. 5	8 40
16	7	7	7	8	9	9	8	9	7	6	10	9	8	7 25
17	3	3	4	5	6	10	9	10	10	10	10	10	7. 5	4 50
18	10	9	10	10	9	7	9	7	7	6	10	10	8. 7	5 50
19	5	3	4	6	5	4	7	6	6	5	5	5	5. 1	9 00
20	2	1	1	2	2	3	3	3	3	3	3	3	2. 4	9 55
21	0	1	1	1	2	2	3	2	3	2	2	6	**2.1**	**11 10**
22	5	5	3	3	2	3	2	3	3	4	4	4	3. 4	9 15
23	2	3	5	3	3	5	5	4	5	8	7	7	4. 8	8 10
24	8	7	5	5	7	6	4	4	4	6	4	4	5. 3	7 45
25	9	9	9	9	8	9	9	9	9	8	8	7	8. 6	4 30
26	10	9	9	9	10	10	10	10	8	9	9	10	9. 4	3 45
27	8	6	6	6	7	7	9	9	7	8	9	9	7. 6	6 25
28	9	9	9	8	7	8	5	8	9	8	9	10	8. 2	3 05
29	10	9	10	9	9	10	9	10	10	10	10	10	**9.7**	3 10
30	7	7	8	8	8	8	9	9	9	8	5	6	7. 7	**0 30**
31	8	9	9	9	9	9	6	6	7	8	7	5	7. 7	6 15
Total														219 40
Mean	5. 8	5. 6	**5.5**	5. 9	6. 2	6. 2	6. 3	6. 7	7	7. 4	**7.5**	**7.5**	6. 5	7 05

WIND—FORCE IN KILOMETERS PER HOUR.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
9	10.5	10	**18.5**	11.5	9.5	10	6.5	7.5	2	3	2	6.2
9	17.5	**18.5**	17.5	14	10.5	6	5	5	3.5	.5	.5	6.4
18	14	8.5	11.5	17	8.5	8	8.5	5	4	8	5.5	8
17.5	12	10.5	7	13	3	1	3.5	6.5	6.5	3	0	7.2
14	14	11	12	16.5	6.5	3	1	4	3.5	3.5	5	7.1
12	13	**14.5**	**14.5**	8.5	8	7.5	3	2	0	6	11.5	6.1
17	12.5	10	14	8	5.5	4.5	6	9	9	12	7	7.7
10.5	10.5	10	7.5	3	6	8	7	7.5	8	7.5	2.5	7.4
17	16.5	17.5	**26.5**	12.5	10	20	13	9	4	2	2	9.7
17	**25**	3	1	0	2	0	6	10	13.5	12.5	8.5	6.1
5	5	13	9	**16**	5	4	7.5	2.5	5	1.5	.5	**4.9**
9	13	12	6.5	**15.5**	12	8	2	2	2	12	7	6
7	11.5	**15.5**	8	5	1	4	5.5	2	8	0	2.5	5.6
6.5	7	11	**15**	11	9.5	5.5	3	3	5.5	6	4	5.5
5	**20**	15	18	**20**	19.5	18	18.5	15.5	4.5	3	3.5	8
15.5	10.5	12.5	10.5	7.5	5	9	2	1.5	4	2.5	13	6.7
8	3	9	7	10	7	3	3	1.5	1	7.5	6	6.3
10	14	15.5	14	15	16	**18**	14.5	11	4.5	2	2	7.9
11	14	11	8	10	6	3.5	3.5	2.5	2	3.5	2.5	5.7
11.5	9	9.5	**16.5**	16	15	5	5	7	7.5	8	9	7.6
15.5	15	14.5	**15.5**	12	**15.5**	11.5	8	5	5.5	3	5.5	8.3
12.5	15	15	11	17.5	19	14	8	3.5	3	5	6	9.9
16	16	**22.5**	13	13	7.5	8	7	2	0	1	2	8.4
16.5	11.5	12	6	6	6	11	11	7	3.5	3.5	2.5	7.6
17	15	8	10	11	14.5	15.5	14	8	5	2	2	9
9.5	13	17.5	**22**	21	17	17	20	14.5	4.5	3	1.5	8.3
18	23	23	27.5	**31.5**	20	15	15	13	16	14	8	**10.7**
10.5	10	5	5	14	8.5	3.5	3.5	3	3	4	2.5	7
20.5	10.5	6.5	1.5	6	11.5	4	4	5	2	2.5	4.5	5.7
9	16	16	**17**	12.5	8.5	4.5	5.5	7.5	6.5	.5	1.5	6.5
16	11.5	13	**16**	15	14	9	6	8	7.5	6.5	2.5	7.5
12.6	**13.2**	12.6	12.5	12.6	9.9	8.4	7.3	6.1	5	4.8	4.3	7.3

FREQUENCY OF THE WIND.

Day.	N.	NNW.	NW.	WNW	W.	WSW.	SW.	SSW.	S.	SSE.	SE.	ESE.	E.	ENE.	NE.	NNE.	Calm.	Total wind velocity.	Rain-fall.
																		Kms.	*mm.*
1					4							1	3	2	2	3	9	148	
2			1								1	6	2	2			12	152.5	
3			3	1	4						2	3		2	1	1	7	193	
4	3			4		1							2		2	3	9	172	0.3
5	1		1	2	1	2			1		2	1	2	1	2	2	6	171.5	5.1
6	2			1	2	1		2			1				2		13	145.5	
7	5	2	1		2				1	1			3			1	8	185.5	
8	4	2	1	3	2					4	1						7	177	.5
9	2			2	3		1			1			2	2	2	3	6	233.5	3.5
10		6			1				1			1		1			14	147	58
11	2	1	1		1			1	1	1	1		1			2	12	**116.5**	
12	7			3	1		2		1							1	9	143.5	5.3
13	2		1	5			1	1	1	1	1						11	134.5	.7
14	2				2		3	1	2		1	1	3		3		6	131	
15			1	1	2	4	1		1				2				12	193	
16	2	1	1		2	4						1			2	2	9	161.5	7.5
17	5			1	1	1	1	1	1	2						1	10	151.5	4.8
18	2	1		1	3	3	2			1	3	1					7	189.5	
19			1	4		1	1		1				5				11	137	
20	3				3	2	1				2	5	1	1	2		4	183	
21											7	4	4	2			7	198.5	
22		1					3			2	5	4	1	1		1	6	237.5	4.8
23	2	1	1							5	3	2	1		3		6	201.5	
24	1	3	2	3	1						1	6		1	1		5	182.5	
25	5			1	2	3	2		3		2	1	2				3	215	
26					1	8	2		2			1	3	1			6	199.5	1.4
27					2	5	6						2	1			8	**257**	
28			3	1	1	2		1		3		2	2		1		8	167	
29	2	1		1			1	2	1		1		3	2		1	9	137.5	6.1
30	4											5		1	4	3	7	155.5	
31	2						2				4	6	2		3	2	3	181	
Total	58	19	18	34	41	37	29	9	17	21	38	51	46	20	30	26	250	5,399	98
Mean	1.9	.6	.6	1.1	1.3	1.2	.9	.3	.5	.7	1.2	1.6	1.5	.6	1	.8	**8.1**	174.2	3.2

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
1	759. 50	10-50p.	33. 7	1-05p.	85	**20.5**	756. 50	2-40p.	**21.9**	5-30a.	54	17. 3
2	59. 65	8-30a.	35. 7	2-50p.	87	21. 4	56. 25	4-05p.	23	6-05a.	**44**	**15.3**
3	60. 15	8-15a.	35. 3	3-50p.	85	21. 4	56. 30	3-55p.	22. 6	5-50a.	48	17. 4
4	60. 05	8-55a.	35. 2	1-45p.	85	21. 4	56. 90	4-00p.	23. 2	5-15a.	54	17. 7
5	59. 25	8-25a.	35. 3	3-20p.	88	22. 3	55. 75	3-45p.	22. 5	5-35a.	54	18. 6
6	58. 76	9-00a.	35. 1	1-50p.	92	23. 9	**55.25**	4-05p.	23. 3	5-35a.	57	20. 4
7	58. 58	8-00a.	**35.8**	3-20p.	89	23	55. 50	2-40p.	23. 6	5-35a.	55	19. 9
8	58. 45	8-25a.	33. 8	3-20p.	91	22. 8	55. 40	4-30p.	23. 3	5-45a.	56	20. 2
9	59. 35	10-45p.	34. 9	2-45p.	92	22. 9	55. 60	2-40p.	23. 8	5-45a.	55	20
10	60. 20	10-35p.	31. 5	0-20p.	96	23. 9	57. 20	3-10p.	23. 3	6-05a.	**72**	20. 2
11	60. 08	8-00a.	34. 3	1-25p.	96	23. 7	56. 80	3-15p.	22. 8	5-05a.	63	20. 6
12	60. 13	8-00a.	33. 4	2-55p.	92	24. 3	56. 80	4-05p.	23. 9	5-45a.	63	19. 8
13	59. 30	8-55a.	32. 9	0-25p.	93	23. 5	56. 39	3-00p.	24	5-35a.	69	19. 7
14	59. 80	9-25p.	34. 9	2-15p.	91	23. 5	56. 20	3-30p.	23. 6	5-35a.	55	20. 2
15	59. 60	10-00p.	34. 6	0-55p.	93	24. 8	56. 30	4-30p.	23. 6	5-45a.	57	20. 9
16	59. 80	10-15p.	34. 6	3-40p.	89	23. 6	56. 24	4-00p.	24. 4	5-45a.	55. 5	20. 5
17	60. 35	10-50p.	32. 1	11-50a.	94	25	57. 25	4-20p.	24. 2	4-30a.	68	20. 8
18	60. 45	10-20p.	33. 8	0-45p.	**97**	24. 8	57. 20	3-55p.	24. 1	5-15a.	66	**22.5**
19	60. 31	9-00a.	33. 8	3-55p.	94	23. 9	56. 50	4-30p.	24. 3	5-45a.	62	20. 7
20	59.45	9-20a.	35. 4	3-10p.	90	21. 4	55. 95	4-20p.	23. 4	5-45a.	46	18. 1
21	59. 90	10-10p.	35. 4	2-20p.	**82**	20. 9	56. 45	3-30p.	**21.9**	4-55a.	48. 5	16. 4
22	61	11-00p.	35. 3	1-35p.	85	21. 2	57. 20	3-25p.	23. 8	5-45a.	49	19. 4
23	**61.05**	0-30a.	35. 7	1-20p.	93	24. 3	**57.65**	2-55p.	23. 6	4-05a.	54	20. 3
24	60. 35	7-55a.	34. 7	4-05p.	90	23. 1	56. 25	3-55p.	23. 5	5-30a.	52	18. 4
25	58. 85	0-05a.	34. 3	1-25p.	89	23. 7	55. 80	4-30p.	24	5-50a.	63	19
26	59. 45	10-05p.	32. 6	2-40p.	93	**25.1**	56. 05	3-25p.	**24.6**	5-10a.	68	22
27	59. 10	11-05p.	33	1-05p.	91	24	55. 85	4-20p.	24. 4	5-35a.	62	21. 7
28	58. 65	0-10a.	33. 4	1-10p.	93	23. 6	56	4-05p.	24. 1	5-30a.	61	20. 2
29	58. 90	8-55a.	32. 8	11-35a.	93	23. 5	56. 90	2-15a.	24	7-30p.	59	20. 7
30	**58.15**	9-25a.	**31.3**	2-15p.	95	23. 2	55. 46	4-00p.	23. 4	4-55a.	62	19. 5
31	58. 85	11-00p.	34. 7	3-10p.	92	21. 9	55. 45	3-05p.	22. 9	4-55a.	50	19
Mean	759. 60	--------	34. 2	--------	90. 8	23. 1	756. 30	--------	23. 5	--------	57. 5	19. 6

DAILY GENERAL REMARKS.

1----≡ a.; ⊕, [< NE, NW in the afternoon; ⌓°, < various points in the evening.

2----⊤ NE quad. 1. 55 p.; ⌓ p.

3----[< NNE 2. 55 p.

4----[< NE quad., SW, ●°, ⌒ in the afternoon.

5----[< NE quad., ●, ⌒° in the afternoon; < NNW in the evening.

6----[<° ENE 2. 40 p.; [<° SW, <° NW quad. in the evening.

7----[<^{2} NE, ●° in the afternoon; <^{2} NNW, WNW in the evening.

8----● 11. 34 a.; [<° N, ⊤ SE in the afternoon; < NNW in the evening.

9----[< local came from NE quad., ● in the afternoon; < various points in the evening.

10----● early in the morning and at night; heavy thundershowers, from NE quad., [< S, in the afternoon.

11----[< NNE, NW, S, p° in the afternoon; < various points in the evening.

12----●, [< local and in various points in the afternoon; < E, NW in the evening.

13----[<° S, SW, NW, N in the afternoon; < S, SW in the evening; ● at night.

14----[< S in the afternoon; < N, SSW in the evening.

15----c.

16----⌓, ⌒ a.; light convergence of Ci. toward NW, ○° in the morning and afternoon; ● at night.

17----[<° NE quad. in the afternoon; ● in the afternoon and night; < N, SSW in the evening.

18----Light convergence of Ci. toward north in the morning; ⊤ SSE 6. 05 p.

19----< NW quad. in the evening.

20----⌓ a.

21----⌒, ⊤° SW, NW quad. in the evening.

22----⊤° S in the afternoon; [< N, ● in the evening.

23----[< NE quad., SSW in the afternoon; < SW, NW quad. in the evening.

24----[< NE quad. in the afternoon.

25----○^{2} a.; [< NE quad. in the afternoon and evening.

26----[< S quad. in the forenoon and afternoon; ● p.; < N in the evening.

27----○^{2} a.; [< various points in the afternoon.

28----d° in the morning; [< S quad. in the afternoon; < N and SE quad. in the evening.

29----○ a.; [< SW in the forenoon; [< NE and SE quad. in the afternoon; ● in the evening.

30----) a. p.; d 3 p.; convergence of Ci. toward NW, ⊏, < SE and SW quad. in the evening.

31----⊕ p.

OBSERVATIONS FOR JUNE, 1909.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	58.25	57.75	57.60	57.50	57.60	57.99	58.18	58.19	58.39	58.33	58.39	57.92
2	58.45	58.10	58.05	58.05	58.05	58.75	58.82	58.99	59.13	**59.26**	58.82	58.36
3	57.60	57.40	57.40	57.15	57.10	57.75	58.34	58.48	58.46	57.97	57.70	57.29
4	58	57.50	57.20	57.55	57.95	58.18	58.68	**58.77**	58.57	58.36	57.90	57.70
5	58.05	58.05	57.95	58	57.95	58.22	58.71	58.63	58.77	58.19	57.71	57.49
6	57.65	57.50	57.30	57.20	57.30	57.43	57.66	57.85	57.99	58.05	57.66	57.26
7	58.55	58.20	58.05	58.10	58.15	58.46	58.62	58.79	58.92	58.77	58.64	58.22
8	59	58.70	58.35	58.20	58.55	58.87	59.19	59.42	59.22	59.10	59	58.60
9	58.70	58.45	58.15	58.35	58.50	58.72	59.22	**59.26**	59.20	59.02	58.67	58.69
10	58.65	58.35	57.80	57.95	58.15	58.56	58.75	58.84	58.77	58.36	58.35	57.69
11	58.05	57.80	57.95	57.90	58.05	58.46	58.64	58.74	58.82	58.51	58.07	57.51
12	58.35	58.10	58.05	58.10	58.10	58.05	58.12	58.79	59.27	59.24	58.77	58.36
13	59	58.80	59.10	59.05	58.85	59.33	60.22	60.18	60.67	59.81	59.54	59.47
14	59.65	59	59	59	59.35	59.79	59.85	59.93	60.13	**60.18**	59.71	58.91
15	59.15	58.90	58.95	59.20	59.65	60.23	60.04	60.29	60.38	60.08	60.12	59.36
16	59.45	58.85	58.70	58.80	59.15	59.63	60.12	60.14	**60.80**	60.29	60.01	59.53
17	59.90	59.35	59.25	59.20	59.35	59.65	60.16	**60.35**	60.33	60.13	59.83	59.36
18	59.35	59.15	58.55	58.95	59.45	59	59.14	**59.87**	59.78	59.82	59.78	59.47
19	**59.10**	59.05	58.65	58.25	58.45	58.50	58.29	58.21	58.47	58.45	58.50	58.12
20	57.85	57.05	56.70	56.80	56.85	57.08	57.62	57.81	58.01	58.16	57.97	57.63
21	56.70	56.40	56.40	56.40	56.35	56.38	56.64	**56.89**	56.63	56.76	56.79	56.59
22	56	**55.80**	55.90	56	56.50	57.50	58.06	58.64	58.30	57.93	57.08	56.24
23	58	57.45	57.40	57.50	57.35	**56.92**	56.99	57.47	57.66	57.58	57.65	57.79
24	57.85	57.35	57.50	57.90	57.90	58.71	59.12	59.26	59.28	59.23	59.10	58.72
25	58.65	58.20	58.30	57.65	57.90	58.45	59.05	**59.43**	59.17	58.75	58.47	58.38
26	58.05	57.65	57.45	57.45	57.45	58.04	58.41	58.64	**58.85**	58.82	58.13	57.36
27	58.10	57.55	57.05	57	57.20	57.47	57.63	57.93	58.08	58.01	57.77	57
28	58.60	58.15	57.80	57.60	57.25	57.53	57.73	57.84	57.95	58.10	57.79	57.57
29	59.45	58.85	58.80	58.75	58.65	59.09	59.33	**59.74**	59.65	59.46	59.06	58.36
30	59.05	59.10	58.95	58.65	58.95	59.03	59.47	59.75	**59.94**	59.92	59.34	58.78
Mean	58.44	58.08	57.94	57.94	58.07	58.39	58.69	58.90	58.98	58.82	58.54	58.10

TEMPERATURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.9	24.7	24	23.7	**23.4**	**23.4**	26.8	28.8	29.1	29.8	31.5	32
2	25	24.8	24.1	23.8	**23.5**	**23.5**	26.6	29.5	29.6	30	30.9	32.1
3	26.2	25.3	24.5	24.3	**24.2**	**24.2**	27.7	30.4	32.1	33.6	34.3	34.5
4	26.4	26.1	25.9	25.4	**25.2**	**25.2**	26.5	29.4	30.9	32	32.7	33.1
5	25	24.9	25	24.9	24.2	**24.1**	26.8	29.5	30.4	32.2	33.8	34.6
6	26.1	25.7	25.2	**24.8**	24.9	25.3	28.1	30.9	30.6	32.3	33.3	34
7	25.9	25.4	25.1	**24.5**	**24.5**	24.8	28.2	30.5	32.1	31.6	32.3	33.5
8	25.9	25.5	25	24.6	**24.1**	**24.1**	26.7	28.5	31.1	31.4	32	33.9
9	25.9	25.5	25.3	25.2	**24.7**	25.1	28.2	31.1	32.1	32.5	33.8	**34.5**
10	26.6	26.5	26.4	26.4	26.3	26.8	28.8	31.2	32.2	32	32.5	32.9
11	26.2	26.2	26	25.9	25.8	**25.6**	28	30	30.1	31	31.7	32.5
12	25.7	25.4	24.9	24.6	**24.4**	24.5	26.6	29	29.7	30.5	31.6	**31.9**
13	25.7	25.4	25.1	25	25.3	25.2	26.5	29	31.7	32.3	33.1	33.2
14	24.8	24.8	24.7	24.5	**24.4**	**24.4**	25.4	26.5	27.5	29	29.6	29.9
15	27.1	26.2	25.8	25.5	25.4	25.8	27.5	29	30.2	30.2	31.3	**32.1**
16	25	24.9	24.4	24.3	24.3	**24.2**	25.7	28.2	28.2	29.2	**30.2**	30.1
17	24.5	24.3	24.2	**24**	24.3	24.4	26	27	28.4	29.3	30.2	30.7
18	27.5	25.9	25.2	24.9	**23.9**	24	24.8	25.7	27.6	28.4	26.4	26.1
19	24.7	24.8	24.7	24	**23.8**	**23.8**	24.2	25.3	26.7	27.7	28	29.2
20	26.2	26.5	26.1	25.2	24.6	24.6	24.5	24.4	25.2	26.6	27.7	28.1
21	24.2	24.1	23.7	**23.4**	23.6	24.9	25.3	26	26.6	27	27.9	28.8
22	25.3	25.2	25.2	25.2	25.1	**23.1**	24.1	23.8	24.1	24.7	24.7	25.4
23	23.6	23.5	23.6	23.3	23.7	23.7	24	25.7	26.6	27.5	28.6	**28.7**
24	23.5	23.6	23.3	**23.2**	23.3	23.8	24.4	25	26.8	28.5	28	28.6
25	24.8	24.6	24.1	**23.9**	**23.9**	**23.9**	25.6	27.5	28.6	29.7	**29.8**	28.1
26	24.9	24.8	24.6	24.1	24	**23.9**	26.2	28	29.3	29.8	30.5	31.2
27	25.7	25.6	25.6	25.5	25.4	25.2	26.3	28.4	28.5	28.8	28.6	31.4
28	24.8	**24.3**	**24.3**	24.5	**24.3**	**24.3**	26.2	27.5	28.4	28.8	29.5	30.5
29	24.6	24.3	24.2	**23.8**	**23.8**	**23.8**	25.5	26.6	29	30.1	31.2	32.4
30	24.5	24.2	23.8	**23.6**	**23.6**	23.8	26.5	28.8	29.4	28	29.3	30.5
Mean	25.4	25.1	24.8	24.5	**24.4**	**24.4**	26.3	28	29.1	29.8	30.5	31.2

ATMOSPHERIC PRESSURE, 700 mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
57.35	56.96	56.20	**55.94**	56.18	56.76	57.62	57.85	58.50	**59.10**	**59.10**	58.85	57.77
57.42	56.71	56.16	**55.96**	55.97	56.52	57.04	57.80	58.15	58.35	58.10	57.90	57.87
56.83	56.38	56.08	**55.98**	56.30	56.69	57.16	57.60	57.95	58.45	**58.70**	58.40	57.46
57.25	56.88	56.53	**56.23**	56.49	56.89	57.51	58.05	58.30	58.35	58.50	58.30	57.74
57.05	56.58	56.02	**56**	56.19	56.78	57.25	57.95	58.65	59	**59.30**	58.50	57.79
57.03	56.53	**56.47**	56.65	56.87	57.10	57.84	58.15	58.75	**59.05**	58.90	58.95	57.63
57.55	56.98	56.60	**56.48**	56.58	57.04	57.69	58.15	58.65	59.10	**59.20**	59.15	58.11
58.09	57.50	57.48	**57.38**	57.73	58.05	58.44	58.95	59.30	**59.85**	59.75	59.20	58.66
57.49	56.85	**56.50**	56.58	56.73	57.43	58.07	58.35	58.65	58.85	59	58.55	58.22
56.99	56.55	**56.20**	56.41	56.21	56.79	58.10	58.25	58.70	**58.90**	58.70	58.75	57.95
57.07	56.55	56.03	**55.68**	55.84	56.42	56.89	57.70	58.30	58.65	**59**	58.75	57.72
57.98	57.52	57.16	**57.11**	57.36	57.94	58.22	58.65	59	59.20	**59.65**	59.15	58.34
58.77	58.13	57.69	**57.30**	58.30	59.22	59.92	60.20	60.90	**60.95**	60.75	60.45	59.44
58.24	57.71	57.28	**56.97**	57.01	57.89	58.52	59.40	59.60	59.95	59.90	59.50	59.02
58.86	58.11	58.04	**57.96**	58.25	58.50	59.69	59.90	60.25	**60.50**	60.40	60.30	**59.46**
59.38	59.07	58.28	**57.97**	58.06	58.68	58.97	59.35	59.40	60	60.15	59.85	59.36
58.77	58.27	58.16	58.10	**58.08**	58.31	58.57	59.20	59.55	59.75	59.95	59.60	59.30
58.84	58.37	57.82	57.50	**57.45**	57.96	58.17	58.30	58.70	58.80	59.15	59.15	58.86
57.72	57.15	**56.29**	56.73	57.13	57.24	57.34	57.80	58.10	58.10	58.55	58	58.01
57.34	56.86	55.97	**55.64**	55.89	56.37	57.12	57.25	**58.20**	58.10	**58.20**	57.45	57.25
56.28	55.69	55.69	**55.42**	55.43	55.77	55.68	56	56.25	56.50	56.45	56.10	**56.26**
56.28	56.27	55.95	55.88	56.39	56.88	57.41	57.85	58.20	**58.75**	58.65	58.40	57.12
57.84	57.55	57.49	57.83	57.89	58.70	59.10	59.80	**60**	59.95	59.30	58.65	58.08
58.07	57.45	57.05	**56.92**	57.01	57.73	58.34	58.85	59.25	**59.80**	59.65	59.10	58.38
57.89	57.22	56.74	**56.61**	56.94	57.07	57.78	58.35	58.55	58.60	58.50	58.45	58.13
56.91	56.40	**56.32**	56.40	56.42	56.82	57.41	57.90	58.45	58.50	58.60	58.40	57.70
56.82	56.41	56.68	56.37	**56.34**	57.21	57.83	58.35	58.55	59	**59.10**	58.60	57.59
57.38	56.94	56.61	**56.45**	56.70	57.56	58.22	58.50	59.25	59.50	**59.90**	59.65	57.94
57.84	57.54	57.41	**57.40**	57.88	58.29	58.79	59.15	59.40	59.60	59.65	59.40	58.81
57.96	**57.33**	57.37	57.43	57.41	57.47	58.23	58.45	58.80	58.95	58.85	58.40	58.65
57.64	57.15	56.81	**56.71**	56.90	57.40	57.96	58.40	58.81	59.07	**59.12**	58.80	58.15

TEMPERATURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
31.5	30.1	**32.3**	31.7	30.9	29.8	28.2	27.7	27.1	26.4	25.7	25.5	27.9
32.7	**33.3**	31.7	32.4	31.6	31.1	29.2	28.2	27	27.2	26.8	26.6	28.4
34.9	34.4	33.9	33.5	32	30.7	29.4	28.5	27.6	26.9	26.8	26.2	29.4
34.9	34.7	34.4	33.8	31.9	30.1	28.5	27.1	26.3	26.1	26	**25.2**	29.1
35.4	**35.9**	35.4	33.5	32.6	31.2	29.9	28.9	28.1	27.6	27.1	26.8	29.5
35.2	34.7	33.2	30.6	29.9	29.7	28.8	28.3	27.8	27	26.9	26.3	29.2
33.6	35.1	**36**	35	33.6	32	30.4	29.5	28.6	28.2	27.6	26.7	**29.8**
34.9	**35.1**	32.9	31.7	31.1	30.5	29.5	28.8	28	27.7	26.7	26.2	29
32.8	33.8	34.2	33	31.2	30.5	29.9	29.6	29.2	28.1	27.2	27	29.6
33.7	**33.9**	32.2	30.7	30.5	29.5	28.8	27.1	27	26.8	26.3	**26.1**	29.2
33.5	34.6	35.2	**35.5**	33.4	32.1	30.1	29.1	28.6	27.3	26.6	26.1	29.6
30.7	30.5	30.5	30.9	30.5	29.7	28.8	28	27.6	26.8	26	26	28.1
34.1	33.7	33.6	32.6	29.2	25	26	25.8	25	**24.9**	**24.9**	**24.9**	28.2
31	**32.2**	31.5	31.4	31.5	30.6	29.1	28.8	28.4	27.8	27.2	26.9	28
31	31.5	31.8	30.2	25.6	26.5	25	24.8	24.6	24.6	**24.5**	25.1	27.6
30.1	**30.2**	29.9	28.8	28.5	28	27.8	27.8	26.9	25.8	24.9	24.6	27.2
31.7	31.5	30.2	28.7	28.8	28.8	28	27.9	27.9	27.5	27.7	27.7	27.7
27.6	28.4	29.7	**29.8**	28.5	28	27.8	27.5	27.4	25.9	26.6	26.3	26.8
29.7	**29.9**	28.5	28	25.7	27	26.5	26.6	26.6	26.7	26.6	26.2	26.5
28.1	28.6	**28.7**	28.5	28	27.7	27.6	24.9	**24.3**	25.2	25.1	**24.3**	26.3
29.6	**30**	29.5	29.6	28.7	28.4	27.8	27.2	26.2	26	26	25.4	26.6
26.9	27.6	**28.6**	28.5	26.8	24.3	24	23.5	23.5	23.8	23.7	23.8	**25**
28.2	28.5	28.2	28	27.9	25.8	**22.7**	24	24.9	24.9	24.1	23.9	25.6
28.6	29	28.6	29.2	**29.7**	28.7	27.7	26.9	26.1	26.2	25.7	25.4	26.4
27	27.2	27.5	28.2	28.3	27.6	27.3	25.8	25.7	25.6	25.5	25.3	26.5
31.3	31.1	31	29.5	27.7	27.4	27.5	27.3	26.5	26.3	25.7	25.7	27.4
31.6	**32.1**	**24.8**	25.8	26.2	26	25.9	25.8	25.7	25.6	25.2	24.9	26.9
31.5	**32**	31.3	29.6	29.1	28.7	28.5	28.5	26.5	26.2	25.1	24.8	27.5
32.5	28.5	29.5	29.4	29.1	27.5	26.7	26.4	25.7	25.4	25.2	24.9	27.1
32.2	31	27.4	27	27.4	27.4	26.6	26	25.7	25.6	25	24.6	26.7
31.6	**31.6**	31.1	30.5	29.5	28.7	27.8	27.2	26.7	26.3	25.9	25.6	27.8

RELATIVE HUMIDITY.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	80	82	**86**	82	84	84	74.5	71	68	66	**61**	**61**
2	87	86	**91**	90	90	90	81	68	69	67	64	58
3	78	80	**85**	**85**	84	**85**	73	61	55	48	**46**	**46**
4	79	81	81	81	82	**84**	82	67	62	59	55	54
5	79.5	80	80	80	82	**83**	78	70	68	63	46	43
6	86	87	88	**90**	**90**	89	79	65	68	61	59	53
7	83	86	83	**87**	85	84	76	66	59	65	64	60
8	81	82	81	83	**86**	84	76	70.5	61	57	55	54
9	86	87	88	88	**89**	88	80	66	61	60.5	**54**	**54**
10	85	86	86	85	**87**	84	79	70	67	70.5	67	65
11	86	86	**88**	87	86	**88**	80	73	73	69	66	62
12	80	78	80	79	80	79	77	74	70	65	**59**	61
13	88	88	88	**89**	87	88	87	76	62	57	57.5	56
14	89	88	87	88	89	91	88	85	82	75	72	71
15	83	86	85	87	88	86	81	73	72	71	66	**63**
16	**94**	93	93	**94**	93	93	90	80	77	74	71	70
17	91	91	91	**92**	**92**	**92**	89	83	77	70	70	70
18	81	89	94	94	**96**	**96**	95	94	83	77	89	83
19	90	92	91	93	**94**	**94**	91	91	86	82	83	76
20	85	83	86	88	92	94	95	**96**	91	80	**74**	**74**
21	91	91	90	91	93	**94**	85	84	77	75	75	71
22	90	91	91	90	86	94	94	91	93	92	92	90
23	96	96	95	**97**	94	88	91	82	80	75	78	76
24	90	92	93	94	**95**	94	92	92	88	75	70	66
25	92	89	91	92	92	92	87	78	75	**72**	73	84
26	95	94	93	95	**96**	**96**	89	83	75	70	70	**68**
27	91	92	93	**94**	93	**94**	91	84	83	82	83	70
28	93	95	95	94	**96**	**96**	90	86	81	79	79	74
29	87	89	90	93	93	**96**	88	86	79	76	70	**63**
30	90	89	90	90	89	91	82	73	71	79	71	66.5
Mean	86.9	87.6	88.4	89.1	89.4	**89.7**	84.7	78	73.8	70.4	68	65.4

VAPOR PRESSURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	18.8	18.9	19	**17.9**	**17.9**	**17.9**	19.5	20.8	20.2	20.6	20.9	21.4
2	20.4	19.9	20.2	19.7	19.5	19.3	21	20.8	21.1	21.3	21.1	20.8
3	19.7	19.1	19.4	19.1	18.8	19	20.3	19.8	19.7	**18.6**	**18.6**	**18.6**
4	20.3	20.3	20.2	19.6	19.5	20.1	**21**	20.4	20.5	20.9	20.4	20.3
5	18.7	18.8	18.9	18.8	18.3	18.5	20.5	21.3	21.8	**22.4**	18.1	17.6
6	21.7	21.3	21.1	**20.9**	21	21.4	22.4	21.5	22.1	21.9	22.3	21
7	20.6	20.7	19.8	19.8	19.4	19.6	21.6	21.4	21	22.4	**23.2**	23.1
8	20	19.9	19.1	19.2	19.3	**18.7**	19.8	20.4	20.3	19.6	19.6	21.1
9	21.4	21	21	21.1	**20.6**	20.9	22.8	22.3	21.6	22	21	21.8
10	21.9	22	22	21.7	22.1	22	23.3	23.6	23.9	**24.9**	24.4	24.2
11	21.8	21.8	21.9	21.6	21.2	21.4	22.5	22.9	**23.3**	22.9	22.9	22.7
12	19.6	18.8	18.8	18.2	18.2	**18.1**	19.8	22	21.6	21.1	20.3	21.3
13	21.5	21.1	20.9	21	20.8	21.1	22.4	**22.7**	21.5	20.4	21.6	21.4
14	20.7	20.5	20.2	**20.1**	20.2	20.6	21.3	21.8	22.4	22.3	22.1	22.2
15	22	21.8	21.1	21	21.3	21.2	22	21.6	**23**	22.8	22.3	22.2
16	22.1	21.8	21.2	21.2	21	**20.9**	22.1	22.8	21.7	22.2	22.5	22.2
17	20.7	20.6	20.5	**20.4**	20.9	21	22.1	21.9	22	21.3	22.4	**22.9**
18	22	22.2	22.4	22	21.1	21.2	22.1	**23.1**	22.8	22.3	22.7	20.9
19	20.8	21.3	21	20.7	20.6	20.6	**20.5**	21.8	22.5	22.7	**23.3**	23
20	21.6	21.4	21.7	21.1	21.2	21.6	21.7	21.7	21.6	20.6	**20.5**	21
21	20.5	20.2	**19.5**	**19.5**	20.1	20.7	20.4	21	19.8	19.7	21	20.8
22	21.5	21.6	21.6	21.4	20.4	**19.7**	21	19.8	20.8	21.4	21.4	21.7
23	20.7	20.6	20.5	20.5	20.5	19.1	20.3	20.1	20.6	20.4	**22.7**	22.2
24	19.3	19.9	19.8	19.8	20.1	20.6	21	21.6	**23**	21.8	19.7	**19.2**
25	21.3	20.4	20.4	**20.3**	**20.3**	**20.3**	21.2	21.2	21.7	22.3	22.6	23.7
26	22.2	21.9	21.4	**21.1**	21.2	**21.1**	22.4	23.3	22.7	21.8	22.6	23
27	22.3	22.4	22.8	22.8	22.5	22.4	23.2	24.1	24	24.1	24	23.9
28	21.7	21.4	21.4	21.5	21.6	21.6	22.8	23.4	23.3	23.3	**24.1**	23.9
29	**19.9**	20.1	20.2	20.4	20.4	20.9	21.4	22.3	23.6	**24.1**	23.6	22.9
30	20.5	19.9	19.7	19.4	**19.2**	19.8	21	21.6	21.6	22.1	21.5	21.5
Mean	20.9	20.7	20.6	20.4	**20.3**	20.4	21.4	21.8	**21.9**	21.8	21.8	21.8

RELATIVE HUMIDITY.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
63	69	63	65	65	69	74	76	79	79	84	84	73.7
59.5	**56.5**	60	60	65	67	65	67	74	73	75	76	72.5
46	49	50	52	55	61	64	69	74	75	78	80	**65.8**
46	46	**42**	44	46	58	64	72	76	73	75	79	66.2
40	43	44	51	53	60	63	67	71	75	80	**83**	65.9
50	52	56	67	69	73	75	76	79	83	82	85	73.4
58.5	50	**42**	43	44.5	51	59	63	68.5	70	73	78	66.6
49	52	56	63	64	67	67	71	76	77	82	85	70
62.5	58	57	61	65	64	68	72	73	77	82	83	71.8
60	**56**	63	72	72	79	75	82	80	84	86	86	76.1
60	56	51	**45**	53	57	62	67	69	75	75	77	70.5
65	72	68	67	65	69	74	76	79	83	**85**	**85**	73.8
53	52	**51**	53	66	84	80	84.5	87.5	**89**	88	**89**	75
68	**61**	66	68	62	66	74	73	75	78	81	84	77.5
66	66	64	71	86	88	87	87	88	92	91.5	**93**	80
68	**68**	75	75	79	82	82	81	86	89	91	92	82.9
65	**65**	69.5	78	75.5	74	79	79	79	78	79	80	79.5
79	73	71	**69**	72	74	74	77	78	85	83	84	82.9
72.5	74	80	78	88	83	85	84	82	84	83	87	85.1
77	78	78	77	79	78	76	93	93	90	89	91	84.9
72	70	72	**69**	71	72.5	76	81	85	85	85	90	81.1
85	81	80	**77.5**	86	91	92	**96**	**96**	95	**96**	95	**90.2**
75	**73**	75	77	82	82	90	91	87	86	91	91	85.3
68	**65**	69	66	69	78	83	84	89	88	89	88	82.4
87	89	87	83	80	85	87	**93**	**93**	92	92	**93**	86.6
69	69	71	76.5	78	81	84	85	87	89	88	89	82.9
72	**67.5**	87	90	90	91	93.5	92	92	91	92	92	87.5
62	67	69.5	77	76	73	77.5	76	77	82	83	85	81.8
63	73	75	75	76	84	86	86	87	88	89	91	82.6
60	63	90	92	89	89	92	93	93	94	**98**	95	84.6
64	**63.8**	66.1	68.1	70.7	74.4	76.9	79.8	81.8	83.3	84.8	86.3	78

VAPOR PRESSURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
21.7	21.8	**22.5**	**22.5**	21.7	21.4	20.9	20.9	21.1	20.1	20.5	20.5	20.4
21.8	21.5	20.8	21.6	**22.4**	**22.4**	19.5	**19**	19.6	19.4	19.7	19.6	20.5
19.1	19.8	19.7	19.9	19.6	20	19.4	20	20.4	19.6	**20.5**	20.2	19.5
19.2	18.9	16.9	17.3	**16.2**	18.4	18.6	19.1	19.4	18.4	18.7	18.8	**19.3**
17.1	18.8	18.9	19.5	19.4	20.1	19.7	19.9	20.1	20.5	21.2	21.8	19.6
21	21.3	21.1	21.7	21.5	**22.7**	22	21.7	21.8	21.9	21.6	21.6	21.6
22.6	21	18.5	17.8	**17.2**	18	19	19.3	19.9	19.8	20.1	20.4	20.3
20.5	21.6	20.9	**21.9**	21.6	21.8	20.5	21	21.3	21.2	21.3	21.4	20.5
23.1	22.7	22.9	22.8	21.9	20.7	21.3	22.3	21.9	21.6	21.9	21.9	21.8
23.4	22.2	22.6	23.5	23.2	24.3	22	21.8	**21.1**	22	21.9	21.7	22.7
22.9	22.8	21.6	19.5	20.1	20.1	19.8	20	20.1	20.2	**19.4**	**19.4**	21.4
21.4	**23.2**	21.9	22.4	21.1	21.5	21.8	21.3	21.5	21.6	21.3	21.3	20.8
21.2	20.2	19.9	**19.3**	19.8	19.8	20	20.8	20.6	20.9	20.6	20.9	20.8
22.7	22	22.9	**23.3**	21.2	21.5	22	21.6	21.5	21.6	21.8	22.1	21.6
22.1	22.6	22.4	22.8	21	22.6	20.4	**20.3**	**20.3**	21.1	20.9	22.1	21.7
21.6	21.7	**23.4**	22	22.8	22.9	22.6	22.4	22.8	22	21.2	21.1	22
22.5	22.4	22.1	22.7	22.2	21.8	22.1	21.9	21.9	21.2	21.6	22	21.7
21.5	21	21.9	21.4	20.8	20.9	**20.6**	21	21	21.2	21.4	21.3	21.6
22.4	23.2	23.2	21.9	21.5	22.1	21.8	21.8	21.1	21.9	21.4	22	21.8
21.6	22.6	**22.7**	22.2	22.1	21.5	20.9	21.8	21	21.4	21.1	**20.5**	21.5
22.1	22.1	**22.2**	21.1	20.9	20.8	21	21.6	21.6	21.3	21.1	21.7	20.9
22.4	22.3	**23.1**	22.4	22.4	20.5	20.4	20.6	20.6	20.8	20.8	20.8	21.2
21.3	21.1	21.3	21.7	**22.7**	20.3	**18.5**	20.3	20.3	20.1	20.2	20.1	20.7
19.7	19.5	20.1	19.8	21.2	22.7	22.9	22.1	22.2	22.2	21.9	21.1	20.9
23.1	**23.8**	**23.8**	23.6	22.9	23.3	23.5	22.8	22.9	22.4	22.2	22.2	22.2
23.4	23.3	**23.6**	23.4	21.5	21.9	23	22.9	22.4	22.5	21.7	21.9	22.3
24.7	23.9	**20.2**	22.3	22.8	22.7	23.2	22.7	22.5	22.1	21.8	21.4	**22.9**
21.3	23.8	23.6	23.6	22.8	21.3	22.4	22	19.9	20.8	**19.6**	19.8	22.1
22.8	21.1	23	22.9	22.8	22.8	22.3	22	21.3	21.3	21.2	21.2	21.9
21.6	21.1	24.3	**24.4**	24.1	24.1	23.8	23.1	22.9	22.9	22.9	21.8	21.9
21.7	21.8	21.7	21.7	21.4	21.5	21.2	21.3	21.2	21.1	21	21.1	21.3

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	A.-Cu.	E	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.			
2	Ci.		Ci.-S.									
3	Ci.-Cu.		Ci.-S.		Ci.-S.		Ci.-S.					
4	Ci.-S.	SWbyW	Ci.-S.	SWbyW	Ci.-S.	SW	Ci.-S.	SW	Ci.-S.		Ci.-S.	
5	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
6	Ci.-S.	NWbyW	Ci.-S.	NWbyW					Ci.-S.		Ci.-S.	
7	Ci.-S.	NE	Ci.-S.						Ci.		Ci.	
8	Ci.-S.	W	Ci.-S.	S	Ci.-S.	S	Ci.-S.	S	Ci.-S.	S	Ci.-S.	
9	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-Cu.		A.-Cu.		A.-Cu.	
10	Ci.	NE	Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.	
11	A.-S.		A.-S		Ci.-S.		Ci.		Ci.		Ci.	
12	Ci.-S.	EbyS	Ci.-S.	EbyS	A.-Cu.	E	Ci.-S.	EbyS	Ci.		Ci.-S.	
13	A.-Cu.	ESE	Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.	
14	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
15	Ci.-Cu.	SE	Ci.	SE	Ci.		Ci.		Ci.-S.		Ci.-S.	
16	A.-Cu.	E	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
17	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	E	Ci.-S.	
18			Ci.-S.									
19	Ci.-S.		Ci.-S.									
20	Ci.-S.		Ci.-S.		Ci.-S.		A.-Cu.	SWbyW	Ci.-S.		Ci.-S.	
21	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
22												
23	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
24	Ci.-S.		Ci.-S.		Ci.-S.	NE	Ci.-S.		Ci.-S.		Ci.-S.	
25	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.			
26	Ci.-S.	SW	Ci.-S.	SW	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
27	A.-Cu.	NE	A.-Cu.	NEbyE	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-Cu.	
28	Ci.		A.-S.		A.-S.		Ci.-S.		Ci.-S.	SE	Ci.-S.	
29	Ci.-S.		Ci.-S.		Ci.	SE	Ci.		Ci.-S.	SE	Ci.-S.	
30	Ci.-S.	SE	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.		Cu.		Cu.		Cu.		Cu.	ESE	Cu.	
2	Cu.		Cu.		Cu.		Cu.	SE	Cu.	SE	Cu.	
3	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
4	Cu.-N.		Cu.-N.		Cu.	E	Cu.		Cu.		Cu.	
5	Cu.	E	Cu.		Cu.	E	Fr.-Cu.	E	Cu.		Cu.	
6	Cu.		S.-Cu.	EbyS	S.-Cu.	EbyS	S.-Cu.	EbyS	Cu.		Cu.	
7	Cu.		Cu.		Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.	
8	Cu.		Cu.		Cu.		Cu.		Cu.	SW	Cu.	SW
9	Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.	SE	Cu.		Cu.	
10	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
11	Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	E
12	Cu.		Cu.		Cu.		Cu.		Cu.	E	Cu.	E
13	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	
14	Fr.-N.		Fr.-N.		Cu.		Cu.		Cu.		Cu.	E
15	Cu.	S	Cu.		Cu.	SSE	Cu.	SSE	Cu.		Cu.	
16	Cu.-N.	ESE	Cu.	ESE	Cu.		Cu.	E	Cu.-N.		Cu.	
17	Cu.	WNW	Cu.		Cu.-N.		Cu.		Cu.		Cu.	
18	Cu.-N.	SWbyW	Cu.-N.		Cu.-N.	WSW	Cu.-N.		Cu.-N.		Cu.-N.	
19	N.-cf.		Cu.-N.		N.	WSW	S.-Cu.	WSW	S.-Cu.	WSW	S.-Cu.	
20	Cu.-N.	WbyS	Cu.-N.	WbyS	N.-cf.	SWbyW	Cu.	SWbyW	Fr.-N.		Fr.-N.	
21	Cu.-N.		Cu.-N.		S.-Cu.		Cu.-N.		Cu.		S.-Cu.	
22	Cu.-N.		Fr.-N.	WbyS	Fr.-N.	WbyS	Fr.-N.		Fr.-N.		Fr.-N.	
23	Cu.-N.		Cu.-N.	ESE	Cu.-N.	SE	Cu.-N.		Cu.-N.		Cu.-N.	
24	Cu.-N.		Cu.-N.	ESE	S.-Cu.		S.-Cu.		S.-Cu.		S.-Cu.	
25	S.-Cu.		S.-Cu.	E	Cu.	E	Cu.		Cu.-N.		Cu.-N.	
26	Cu.-N.		Cu.		Cu.		Cu.		Cu.		Cu.-N.	
27	Cu.		Cu.	EbyS	Cu.		Cu.-N.		Cu.-N.		Cu.	
28	Cu.	WbyS	Cu.	WbyS	Cu.-N.	NE	Cu.		Cu.		Cu.-N.	
29	Cu.		Cu.		Cu.		Cu.	SEbyE	Cu.		Cu.	
30	Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
		Ci.-Cu.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
								Ci.-S.		Ci.-S.	
				Ci.-S.				Ci.-S.		Ci.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.		Ci.		Ci.-S.	
Ci.-S.						Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-Cu.		Ci.-Cu.		Ci.-Cu.		Ci.-Cu.		Ci.-S.	E	Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	SE	Ci.-S.	
Ci.		Ci.		Ci.		Ci.					
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		A.-Cu.	SEbyS	A.-Cu.	
Ci.-S.	SbyW	Ci.-S.	SbyW	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.	ESE	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		A.-Cu.	WSW	Ci.-Cu.	WSW	Ci.-Cu.		Ci.		Ci.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.	WSW	Ci.-S.		Ci.-S.	WSW	Ci.-S.		Ci.-S.		Ci.-S.	
		Ci.-S.		Ci.-S.		A.-Cu.					
Ci.-S.		Ci.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.	
Ci.-S.		Ci.-S.		Ci.		A.-Cu.		A.-Cu.		Ci.-Cu.	
				Ci.		Ci.-S.		A.-Cu.		A.-Cu.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		A.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.				Ci.-S.	
Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	E

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.-N.		Cu.		Cu.		Cu.		Cu.-N.	E	Cu.	E
Cu.	E	Cu.	E	N.-cf.	E	Cu.-N.		Cu.	E	Fr.-Cu.	
Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	
Cu.		Cu.		Cu.	E	Cu.	E	Cu.		Cu.	
Cu.		Cu.		Cu.	ENE	Cu.	ENE	Cu.-N.		Cu.	
Cu.	ESE	Cu.		Cu.-N.	EbyS	Cu.-N.	EbyS	Cu.		Cu.	
Cu.	E	Cu.	E	Cu.		Cu.	E	Cu.		Cu.	
Cu.		Cu.	SW	Cu.-N.	ESE	Cu.		Cu.	ESE	Cu.	
Cu.		Cu.		Cu.		Cu.-N.		Cu.		Cu.-N.	
Cu.		Fr.-Cu.		Cu.-N.	S	Cu.-N.		Cu.-N.		Cu.-N.	
Cu.	E	Cu.		Cu.		Cu.	E	N.-cf.		Cu.-N.	
Cu.-N.	E	Cu.		Cu.		Cu.		Cu.		Cu.-N.	
Cu.		Cu.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.-N.	EbyS	Cu.-N.	EbyS	Cu.	EbyS	Cu.		Cu.	
Cu.-N.		Cu.	E	Cu.		Cu.-N.	SE	Cu.-N.	SEbyE	Cu.	
Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.		Cu.-N.	E	Cu.-N.	
Cu.		Cu.		Cu.		Cu.-N.		Cu.-N.		Cu.-N.	WbyS
Fr.-N.	W	Fr.-N.	W	Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
S.-Cu.	WSW	Cu.-N.	WSW	Cu.-N.		Cu.-N.	WbyS	Cu.-N.		Cu.-N.	
Cu.		Cu.	SWbyW	Cu.		Fr.-N.		Cu.-N.		Cu.-N.	
S.-Cu.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Fr.-N.		Fr.-N.		Cu.-N.		S.-Cu.	WSW	Fr.-N.	WSW	Cu.-N.	
Cu.-N.		Cu.-N.	NW	Fr.-N.		S.-Cu.	W	Cu.		N.	S
Cu.-N.	ENE	S.-Cu.	ENE	Cu.-N.		Cu.-N.		S.-Cu.		Cu.-N.	
Cu.-N.		Cu.-N.	SE	Cu.-N.	SE	S.-Cu.		Cu.-N.		Cu.-N.	
Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	SWbyS
Cu.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.		Fr.-N.		Fr.-N.	
Cu.-N.	SE	Cu.-N.	SE	Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.-N.		Cu.-N.	N	Cu.-N.		Cu.-N.		Cu.-N.	E	Cu.-N.	E
Cu.	E	Cu.-N.	NEbyE	Cu.-N.	SW	Cu.-N.	ESE	Cu.-N.		Cu.-N.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	ESF	0.5	E	0.5	Calm	--------	NE	1	NE	1	Calm	--------
2	Calm	--------	N	1	N	1	Calm	--------	NNE	.5	Calm	--------
3	ESE	1.5	N	1	NNE	1	NNE	1.5	Calm	--------	Calm	--------
4	ESE	1	ENE	1.5	ENE	1	E	1	E	1	Calm	--------
5	Calm	--------	N	1	Calm	--------	N	1.5	NNE	1.5	Calm	--------
6	N	.5	NE	.5	Calm	--------	Calm	--------	Calm	--------	NNE	0.5
7	NNE	1	Calm	--------	NNE	.5	NNE	1	E	1	Calm	--------
8	Calm	--------	NNE	.5	E	.5	Calm	--------	Calm	--------	Calm	--------
9	N	1	NNE	.5	Calm	--------	NNE	.5	Calm	--------	Calm	--------
10	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NE	1.5
11	NNE	.5	NNE	1	Calm	--------	NNE	.5	NNE	.5	Calm	--------
12	N	1	NE	.5	E	.5	Calm	--------	E	.5	ENE	.5
13	ENE	.5	ENE	.5	ENE	1.5	ENE	1	ESE	.5	ESE	1.5
14	NE	1	N	1.5	N	2	N	2.5	Calm	--------	NNE	.5
15	Calm	--------	Calm	--------	E	2	ENE	1	N	1	Calm	--------
16	NE	1.5	Calm	--------	E	.5	NNW	2	N	2	NNE	1
17	NNE	1.5	NNE	1	NNE	1	NNE	1	NNE	1	Calm	--------
18	WSW	6	ENE	2.5	E	1.5	NNW	1.5	W	7	Calm	--------
19	W	3	SW	5	S	2.5	SSE	1.5	SSE	1	Calm	--------
20	SSW	3	SWbyS	4	SW	1.5	WNW	2.5	WNW	1	ESE	2
21	SSW	1.5	S	.5	ESE	1.5	ESE	1.5	ESE	1.5	SE	2
22	ESE	.5	ESE	.5	SE	1	SEbyS	1	WNW	10	WNW	4.5
23	ESE	1	ESE	1.5	ESE	1	ESE	.5	ESE	1.5	ESE	1.5
24	ESE	1.5	ESE	.5	NNW	.5	N	2	NNW	2	Calm	--------
25	Calm	--------	NNW	.5	Calm	--------	E	1	NNE	1	Calm	--------
26	NE	1	Calm	--------	NE	1	Calm	--------	NE	1.5	Calm	--------
27	SSE	.5	Calm	--------	Calm	--------	Calm	--------	NE	1	NE	.5
28	N	1	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
29	N	3	NNW	3	NNW	2	NNW	.5	NW	1	NNW	.5
30	Calm	--------	Calm	--------	Calm	--------	NE	1	NE	.5	Calm	--------
Mean	------------	1.1	------------	1	------------	.8	------------	.9	------------	1.3	------------	.6

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	WSW	2	Calm	--------	Calm	--------	Calm	--------	SE	3	SE	0.5
2	WSW	3.5	WNW	4	Calm	--------	NNW	1.5	Calm	--------	Calm	--------
3	ESE	5	ESE	2	ESE	4.5	ESE	3	ESE	3	ESE	.5
4	ESE	1.5	ESE	4	ESE	2	ESE	1.5	ESE	.5	ESE	1.5
5	ESE	6	SE	4	SE	5.5	SSE	5.5	ESE	5	Calm	--------
6	SEbyE	5.5	ESE	3	SE	4.5	NE	2	Calm	--------	Calm	--------
7	WNW	1	S	2	ESE	3.5	SE	4.5	SSE	4	SE	3
8	Calm	--------	Calm	--------	SE	3	Calm	--------	SE	3	SE	1
9	W	5.5	WNW	2.5	WSW	5	WSW	5.5	SWbyW	3	SWbyW	4
10	W	2	W	3	WSW	5.5	SW	5.5	SWbyS	4	SW	3
11	WSW	4	W	3.5	W	1	SE	2	SSE	2.5	E	1
12	E	1	Calm	--------	Calm	--------	Calm	--------	Calm	--------	ESE	1
13	SE	2.5	SE	3	SEbyS	3	SEbyS	3	SW	6.5	SW	2.5
14	W	1.5	NW	1	NW	1.5	NW	.5	SE	1	SE	3
15	SSW	.5	Calm	--------	Calm	--------	SW	4.5	SWbyW	6.5	Calm	--------
16	W	3	SW	2	SW	2	S	2.5	SSW	1	SW	.5
17	W	5	SW	5	SW	5	SW	3.5	WSW	6.5	WSW	7
18	S	3	S	2	WSW	4	SW	4	SW	6.5	WSW	8
19	WSW	5	WSW	7	NW	7	WSW	4.5	WSW	6.5	WSW	9
20	SSW	2	Calm	--------	WSW	1	SW	5	SW	3	SSW	2.5
21	W	2.5	WSW	3	WSW	10	SW	5.5	SW	4	SW	3
22	Calm	--------	SSW	.5	SW	.5	Calm	--------	S	9	S	3
23	NW	2	Calm	--------	Calm	--------	Calm	--------	Calm	--------	SE	1.5
24	WNW	3	NW	2	WNW	3	WNW	.5	Calm	--------	Calm	--------
25	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
26	SSE	2	Calm	--------	WSW	3	SW	3	Calm	--------	Calm	--------
27	WSW	3.5	WSW	5.5	S	1	Calm	--------	ENE	.5	ENE	.5
28	SW	.5	SW	3	WSW	4	SSW	3	SW	2	SW	1
29	SE	6.5	N	4	Calm	--------	Calm	--------	Calm	--------	Calm	--------
30	WNW	1	WNW	3	Calm	--------	Calm	--------	Calm	--------	SSE	1
Mean	------------	2.7	------------	2.3	------------	2.6	------------	2.4	------------	2.7	------------	1.9

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	--------	Calm	--------	Calm	--------	S	1.5	WNW	3	WNW	2
Calm	--------	Calm	--------	NW	1	NW	2	WNW	3	Calm	--------
Calm	--------	Calm	--------	ENE	2	ESE	2	E	5.5	ESE	5
Calm	--------	Calm	--------	E	2.5	ENE	5	E	5	ESE	5.5
Calm	--------	Calm	--------	Calm	--------	S	1.5	ESE	2.5	ESE	5
Calm	--------	E	1.5	ESE	.5	ESE	1	SEbyE	7	ESE	8.5
Calm	--------	Calm	--------	E	1.5	W	1	WNW	1	WNW	.5
Calm	--------	Calm	--------	Calm	--------	Calm	--------	SW	1	Calm	--------
ESE	1	ESE	.5	SE	.5	Calm	--------	Calm	--------	W	4
NE	.5	ENE	.5	W	.5	WSW	3	WSW	5	WSW	5
Calm	--------	Calm	--------	W	.5	W	1.5	W	1.5	WNW	2
Calm	--------	Calm	--------	Calm	--------	WNW	1.5	WbyN	4	WNW	2.5
ESE	1	E	1.5	SEbyE	4.5	ESE	2	ESE	1	SE	1.5
Calm	--------	Calm	--------	Calm	--------	NW	1.5	NW	3.5	NW	1.5
N	.5	Calm	--------	Calm	--------	W	4	WbyS	5	WSW	4
Calm	--------	Calm	--------	WbyN	2	WNW	2	NNW	1	NW	2
NNE	1	Calm	--------	Calm	--------	W	1.5	W	2	WSW	4
Calm	--------	NE	.5	WSW	4.5	WSW	8.5	S	8.5	S	3
Calm	--------	Calm	--------	Calm	--------	SSE	1.5	SSW	2.5	SSW	2
ESE	1	SSE	2	SE	4	S	3.5	SSW	2.5	SSW	1.5
SSW	4	SSW	3	SSW	2	SSW	1.5	SSW	2.5	WSW	3.5
WNW	1	WbyS	5.5	Calm	--------	SE	1	SE	1.5	ESE	1
Calm	--------	Calm	--------	Calm	--------	NE	1	NW	1.5	Calm	--------
Calm	--------	Calm	--------	Calm	--------	NW	1	WSW	1.5	W	2.5
Calm	--------	Calm	--------	W	1.5	WNW	1.5	NW	1.5	SW	1.5
Calm	--------	Calm	--------	Calm	--------	SE	1	SE	1.5	SE	3
ENE	.5	Calm	--------	S	1	S	1.5	NNE	.5	SW	1.5
Calm	--------	Calm	--------	NNW	1	WNW	2	W	1.5	W	1.5
NNW	.5	Calm	--------	ENE	.5	SE	1.5	S	1.5	SSE	3
Calm	--------	Calm	--------	NW	3	NW	2	WNW	2.5	WNW	2.5
------------	.4	------------	.5	------------	1.1	------------	2	------------	2.7	------------	2.6

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		12 m. n.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm	--------	E	2	ENE	1	E	1	N	1.5	NNE	0.5	0.9
Calm	--------	E	3	ESE	1.5	E	2	E	2	E	2	1.2
ESE	0.5	ESE	1	E	.5	ESE	1.5	Calm	--------	ESE	1.5	1.8
Calm	--------	ESE	1	E	1	E	1.5	E	1	Calm	--------	1.6
ENE	2	NE	2	E	1.5	Calm	--------	ESE	1.5	SE	.5	1.9
Calm	--------	NE	1	Calm	--------	Calm	--------	Calm	--------	Calm	--------	1.5
SE	2	SE	3	SE	2	SE	2.5	SE	2	N	1.5	1.6
SE	2.5	SE	1.5	SE	.5	ENE	.5	Calm	--------	Calm	--------	.6
SW	4.5	WSW	4	N	.5	Calm	--------	Calm	--------	Calm	--------	1.8
Calm	--------	NNE	1	NNE	1.5	ENE	1.5	Calm	--------	ENE	1.5	1.9
SE	1	SE	3	SE	1.5	E	1.5	N	1	NNW	1	1.3
ESE	.5	ESE	2	E	1	ESE	.5	ENE	.5	E	1	.8
SW	2	S	1	NE	1.5	Calm	--------	Calm	--------	NE	.5	1.8
SE	2	ESE	1	ESE	1	ESE	1.5	S	.5	S	1	1.2
Calm	--------	ESE	1	ESE	.5	Calm	--------	NE	.5	NNW	1	1.4
SW	1	SW	2	SE	.5	N	2	NE	1.5	NE	1.5	1.4
W	5.5	WSW	3.5	WbyS	3.5	WSW	5.5	WbyS	6.5	WbyS	4.5	3.1
WSW	6.5	SSW	2.5	SW	2	N	2	WSW	3.5	SW	3.5	3.8
WSW	6	WSW	6	WSW	9	WbyS	5	SWbyW	8	SbyW	4	4
WSW	15	W	5.5	WSW	3.5	SSW	4	SSW	4	SSW	2	3.2
S	4	SEbyS	1	SSE	.5	SSE	1	S	.5	ESE	.5	2.5
SE	1	ESE	2	ESE	2	ESE	2.5	ESE	2	ESE	1	2.1
Calm	--------	SW	6	WSW	5	W	1.5	E	2	E	2.5	1.2
Calm	--------	Calm	--------	SSW	.5	Calm	--------	Calm	--------	N	.5	.9
Calm	--------	Calm	--------	N	1	N	2	NE	1.5	N	1	.6
S	2.5	S	.5	Calm	--------	SbyE	.5	SbyE	1	SSE	1	.9
Calm	--------	Calm	--------	Calm	--------	N	1.5	N	2	N	3	1
WSW	3	WSW	2	N	2.5	NNE	2	N	3	NbyE	3	1.5
Calm	--------	Calm	--------	ESE	1	Calm	--------	ESE	1	SE	.5	1.2
Calm	--------	SbyE	1.5	SE	1.5	E	1.5	NE	1	NE	1.5	1
------------	2	------------	2	------------	1.6	------------	1.5	------------	1.6	------------	1.4	1.7

WIND—FORCE IN KILOMETERS PER HOUR.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	3.5	3.5	2.5	5	5	4	5	5	1	5.5	11.5	**13.5**
2	2.5	3	4	4	3.5	1	0	.5	7	8	**18**	11
3	7	3.5	4	5	2.5	1.5	1	4	11	19	22	21.5
4	3	3.5	4.5	5	4.5	1.5	4	5	7.5	15.5	**21.5**	17.5
5	.5	.5	2	3.5	3.5	4	2.5	2.5	4	6	11.5	19
6	2.5	2.5	1	.5	2	1.5	.5	1.5	6.5	10.5	20	20
7	2	3.5	1	2	4	5	3.5	1.5	5.5	8.5	13	13
8	1.5	2	2.5	2	1.5	4.5	3	3.5	2.5	4	11.5	12
9	3	3	2	2	1	1.5	2.5	10	9.5	7.5	10	13.5
10	1	.5	.5	2	0	2	3	3	2	10	13	17
11	5	3	1.5	2.5	2.5	2.5	4	2	6	9	13.5	14.5
12	4.5	2.5	2.5	2.5	4	4.5	4.5	2	4	8	**17.5**	16
13	4.5	6	5	6	7.5	4.5	5	6	10.5	17.5	11.5	12
14	2	3	6	8	9	3	5	3.5	4.5	4	11	9.5
15	3	1	6	5	6	6	6	7.5	5	15.5	16	13.5
16	2	5.5	0	2.5	6.5	7.5	6	5	8	14	9.5	7.5
17	6	5	4	5	4	3	3.5	3.5	2	6.5	11	11
18	18	16	5	6	21	8.5	3.5	3	22	29	**38**	16
19	19.5	25.5	26	6	4	3	5	4	4	5	8	12
20	14	13.5	8	12.5	5	4.5	7	6	10	9.5	11	10.5
21	7	2	4	5	5	5	7.5	14.5	13	13	12.5	9.5
22	2	2	4	3	5	**34.5**	11.5	14	12	3	12	15
23	4	5	6	2	4.5	7.5	6.5	3.5	4	5.5	11	7
24	8	4	5	2.5	7	6	3.5	3.5	5.5	7	8.5	10
25	3.5	2.5	2.5	2	3.5	5	2	1	6	8	**14.5**	8
26	3.5	1.5	4	2	2	1	2	.5	5.5	8	9.5	11
27	4.5	3	3	1	3.5	4	3.5	3.5	4	4.5	1.5	7
28	5.5	1	0	0	.5	0	.5	.5	5.5	5.5	8.5	7
29	10.5	8.5	9	5.5	4.5	6	6	4	2.5	4.5	4	9
30	2	3	2	4	4	4.5	4	4.5	8.5	11.5	12.5	15.5
Mean	5.2	4.6	4.2	**3.8**	4.6	4.9	4	4.3	6.6	9.4	13.1	12.6

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. m.
1	1	2	2	2	2	2	5	4	3	4	4	4	2.9	7 30
2	2	1	1	3	5	4	3	3	5	4	3	2	3	8 15
3	0	1	1	1	0	1	4	3	5	3	6	8	**2.8**	9 40
4	10	7	7	8	8	8	8	8	7	8	9	9	8.1	7 00
5	7	3	4	6	7	7	6	6	6	5	4	5	5.5	10 05
6	6	7	9	6	4	5	6	5	7	9	10	9	6.9	6 10
7	1	0	2	5	6	5	2	2	2	3	3	3	**2.8**	**10 20**
8	3	4	4	8	7	8	9	10	10	10	10	10	7.8	5 40
9	2	3	5	7	6	5	4	3	4	5	5	7	4.7	10 00
10	6	4	3	3	6	5	5	4	7	9	8	6	5.5	7 45
11	1	1	3	4	5	6	5	6	6	6	8	10	5.1	9 25
12	6	7	7	7	8	9	10	10	10	10	10	10	8.7	2 35
13	8	6	5	7	8	9	7	8	9	9	10	10	8	4 45
14	10	10	10	9	9	9	8	9	9	8	7	6	8.7	1 35
15	7	8	6	6	6	8	10	10	10	9	9	7	8	5 30
16	10	8	8	9	10	10	10	10	9	9	9	9	9.2	2 05
17	10	10	10	8	9	9	9	9	9	10	10	9	9.3	6 20
18	10	10	9	10	10	10	9	9	8	6	4	8	8.6	4 25
19	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0 30
20	10	10	10	10	8	10	10	10	10	10	10	10	9.8	0 10
21	10	10	10	10	10	10	8	9	9	9	10	9	9.5	0 55
22	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
23	10	9	10	9	10	10	10	10	10	10	10	10	9.8	**0 00**
24	10	10	9	9	8	9	9	8	8	8	7	8	8.6	2 40
25	10	9	6	7	10	9	10	9	9	9	9	9	8.8	2 30
26	7	7	9	9	9	9	10	9	10	10	10	10	9.1	0 30
27	7	8	7	7	7	7	7	10	10	9	10	10	8.2	4 20
28	5	8	9	7	7	7	9	9	8	8	9	9	7.9	5 00
29	8	6	6	9	9	9	9	9	10	9	10	9	8.6	4 20
30	4	3	4	5	6	4	8	8	9	10	9	9	6.6	5 20
Total														145 20
Mean	6.7	**6.4**	6.5	7	7.3	7.5	7.7	7.7	8	8	8.1	**8.2**	7.4	4 51

WIND—FORCE IN KILOMETERS PER HOUR.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
10	6.5	5.5	7.5	5.5	9	3	7	4.5	5	6.5	2.5	5.7
14.5	14	14	9.5	10	2.5	7.5	11	6.5	8	7.5	6.5	7.2
19.5	20.5	**24.5**	22	20	14	13	7	3	4.5	4.5	3	10.7
21.5	19.5	16	17	16	8	4.5	3	3	4.5	4	1	8.8
21	19.5	19.5	19	19	12	9	8	5	3.5	4.5	5	8.5
22.5	19.5	14	10.5	8.5	3.5	.5	2.5	3.5	.5	.5	1.5	6.5
13	12	11	**18**	16	13	8	12.5	9.5	8	10	6	8.3
8	9	7.5	**12.5**	10	8	11	6	4	3	2	1	5.5
18.5	17	21	23	**26**	24.5	20	17	9	4.5	2	1	10.4
15	18	24	**26**	18	18	10	5	6	5	5	4	8.7
15	12.5	10.5	14	**16**	15	14	10	8	6.5	4.5	3	8.1
9.5	2.5	3.5	2.5	10	10	9	9	7	5	4	6.5	6.3
14	13	15	14	13	**27**	10	4	5	3	0	1	9
10.5	9	7	6.5	6.5	**14**	10.5	6	6	6.5	5	4	6.7
10	11	11	15	**28**	11	5	5	4	7	1	4	8.4
15	10	13	12	10	7.5	7.5	9	6	7	10	5	7.8
16	19	27	24	28	24	**31**	17	17.5	25.5	22	19	13.9
12	9	15	21.5	24	29.5	25	12	9	11	18	23	16.5
12.5	20.5	23	25.5	**39.5**	35.5	29.5	15	36	25.5	27.5	16	**17.8**
10.5	6.5	6.5	12	17	15	13	26	**33**	12	14	11	12
17	24	**31**	**31**	24	17	8	6	3.5	2.5	4	2	11.2
7	5	6.5	7	8.5	16	9	9	9	9	12	6	9.2
11	11.5	8	5.5	5.5	9.5	15.5	12.5	**28**	11.5	7.5	10	8.4
11	**12.5**	11.5	10	8	2.5	1	0	1.5	3	1	4	5.7
6.5	4	3	3	3	0	2	3	3	6	6	4	**4.2**
10	7	9	**19**	11.5	6	7.5	6	3	3	5	5.5	6
11	12	**16.5**	3.5	3	3	2	2	.5	3.5	6	10	4.8
8.5	10	**14**	10.5	12	9.5	10.5	8	7	5	10	11	6.3
14	11	4	6	5	5.5	2.5	2	3	1	2	3	5.5
14	**16**	11	3.5	1.5	4	3.5	4.5	5.5	5	4.5	5	6.4
13.3	12.7	13.4	13.7	**14.1**	12.5	10.1	8.2	8.3	6.8	7	6.2	8.5

FREQUENCY OF THE WIND.

Day.	N.	NNW.	NW.	WNW.	W.	WSW.	SW.	SSW.	S.	SSE.	SE.	ESE.	E.	ENE.	NE.	NNE.	Calm.	Total wind velocity.	Rain-fall.
																		Kms.	*mm.*
1	1			2		1			1		2	1	3	1	2	1	9	137.5	
2	2	1	2	2		1						1	4			1	10	174	
3	1											13	2	1		2	5	257.5	
4												9	7	3			5	211	
5	2								1	1	3	5	1	1	1	1	8	204.5	
6	1										3	4	1		3	1	11	156.5	
7	1			3	1				1	1	7	1	2			3	4	199.5	
8							1				6		1	1		1	14	132.5	
9	2			1	2	5	1				1	2				2	8	249	
10					3	4	3							3	2	2	7	208	
11	1	1		1	5	1				1	4		2			4	4	195	
12	1			3								4	5	2	1		8	151	
13							3		1	2	4	5	1	4	2		2	215	1.5
14	3		6		1				2		3	3			1	1	4	160	
15	2	1			2	2	1	1				2	1	1	1		10	202.5	10.9
16	2	2	1	2	1		5	1	1		1		1		3	1	3	186	
17					7	5	3									6	3	334.5	
18	1	1			1	7	4	1	4				1	1	1		2	395	**49.6**
19			1		2	9	1	3	1	3							4	**428**	24.1
20				2	1	3	4	8	1	1	1	2					1	288	25.9
21					1	3	3	6	3	3	1	4						268	.3
22				3	1		1	1	2	1	4	8					3	222	24
23			2		1	1	1				1	6	2		1		9	202.5	5.8
24	2	2	2	3	1	1		1				2					10	136.5	
25	3	1	1	1	1		1						1		1	1	13	**102**	5.6
26						1	1		4	2	3				3		10	143	
27	3					2	1		3	1				3	2	1	8	116	17.5
28	3	1			2	3	4	1								2	8	150.5	
29	2	5	1						1	1	3	2		1			8	133	
30			2	4					1	1	1		1		4		10	154	.5
Total	33	15	18	27	33	49	38	23	27	18	48	74	36	22	28	30	201	6,112.5	165.7
Mean	1.1	.5	.6	.9	1.1	1.6	1.3	.8	.9	.6	1.6	2.5	1.2	.7	.9	1	**6.7**	203.8	5.5

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
1	759.20	11-20p.	33.6	3-20p.	86	22.5	755.94	4-00p.	22.5	5-45a.	61	17.9
2	59.26	10-00a.	34.3	2-10p.	91	22.4	55.80	4-30p.	22.6	5-35a.	56.5	19
3	58.75	10-55p.	35.8	1-15p.	85	**20.5**	55.80	3-30p.	22.9	5-50a.	46	18.6
4	58.95	7-25a.	35.5	1-05p.	84	21	56.20	4-20p.	24.2	5-30a.	42	**16.2**
5	59.40	10-40p.	36.4	2-10p.	**83**	22.4	55.95	3-30p.	23.1	5-45a.	**40**	17.1
6	59.10	9-40p.	35.9	1-45p.	90	22.7	56.10	2-15p.	23.9	4-15a.	50	20.9
7	59.30	11-20p.	**36.9**	3-20p.	87	23.2	56.40	3-45p.	23.5	4-45a.	42	17.2
8	59.90	10-30p.	36.4	1-45p.	86	21.9	57.30	4-10p.	23.2	5-45a.	49	18.7
9	59.30	7-30a.	34.9	11-55a.	89	23.1	56.45	3-35p.	23.8	5-50a.	54	20.6
10	58.90	10-00p.	34.7	2-35p.	87	**24.9**	55.75	3-30p.	**25.1**	11-55p.	56	**21.1**
11	59	11-00p.	35.8	3-55p.	88	23.3	55.65	4-15p.	24.3	5-35a.	45	19.4
12	59.65	11-00p.	33.1	0-05p.	85	23.2	57.05	3-45p.	23	5-10a.	59	18.1
13	**61**	10-10p.	35.2	2-35p.	89	22.7	57.15	3-45p.	24	3-50a.	51	19.3
14	60.40	0-05a.	33.4	1-45p.	91	23.3	56.80	4-25p.	23.6	5-50a.	61	20.1
15	60.60	10-30p.	33.6	0-25p.	93	23	57.80	4-10p.	24.1	11-05p.	63	20.3
16	60.80	9-00a.	30.6	2-10p.	94	23.4	57.90	4-05p.	23.4	5-45a.	68	20.9
17	60.35	8-00a.	32.4	1-35p.	92	22.9	**57.95**	2-45p.	23	3-30a.	65	20.4
18	59.87	8-00a.	31.7	2-45p.	96	23.1	57.20	4-30p.	23.1	5-10a.	69	20.6
19	59.30	0-15a.	30.7	1-20p.	94	23.3	56.29	3-00p.	23	5-20a.	72.5	20.5
20	58.30	9-35p.	29.6	3-30p.	96	22.7	55.64	4-00p.	23.4	8-45p.	74	20.5
21	**57.40**	0-05a.	30.2	2-50p.	94	22.2	**55.35**	4-25p.	22.6	3-45a.	69	19.5
22	58.80	10-45p.	**28.8**	3-20p.	96	23.1	55.70	2-15a.	**22.2**	5-55a.	**77.5**	19.7
23	60.05	9-30p.	29.2	0-05p.	97	22.7	56.92	6-00a.	**22.2**	6-55p.	73	18.5
24	59.85	10-40p.	30.3	4-20p.	95	23	56.85	3-35p.	22.3	4-05a.	65	19.2
25	59.43	8-00a.	30.4	10-20a.	93	23.8	56.40	3-45p.	23.1	4-30a.	72	20.3
26	58.90	9-05a.	32.2	11-20a.	96	23.6	56.25	3-20p.	23	5-35a.	68	**21.1**
27	59.10	11-00p.	32.6	1-10p.	94	24.7	56.05	4-20p.	23.5	2-30p.	67.5	20.2
28	60	10-45p.	32.6	1-50p.	96	24.1	56.45	4-00p.	23.8	5-45a.	62	19.6
29	59.85	8-20a.	33.2	0-40p.	96	24.1	57.35	3-05p.	23.2	5-30a.	63	19.9
30	60	9-30a.	33.2	1-05p.	**98**	24.4	57	2-15p.	23	4-15a.	60	19.2
Mean	759.49	--------	33.1	--------	91.4	23	756.51	--------	23.3	--------	60	19.5

DAILY GENERAL REMARKS.

1----⚡° NE quadrant in the afternoon; coloration of clouds at sunset.
2----Rain clouds toward N in the afternoon.
3----Somewhat gusty Ely winds in the warmer hours.
4----○ a.
5----Somewhat gusty SEly winds in the afternoon.
6----Somewhat gusty ESE winds in the forenoon; ⊤° NNE 2.10 p.
7----v E, in the afternoon.
8----Slight coloration of upper clouds at sunset.
9----Somewhat gusty Wly winds in the afternoon.
10----⚡ toward S then successively to SE, NE, N and NW in the afternoon and evening.
11----⊤° NE 4.10 p.; p° 6.05 p.
12----○ noon; d 1.10 p.; ⊤ NE 1.15 p.
13----○, ●, ⚡ SSW, NNW in the afternoon.
14----○ a. p.; < in the evening.
15----⚡° SE and SW quadrants in the morning; ⚡ E, SW, ●^{2} in the afternoon; < various points in the evening.
16----○ p.
17----○ a., ⚡° SSW then to SE quadrant, ⌒ in the afternoon; d° 6.03 p.
18----●^{2} in the early morning; ●° in the morning and at night.
19----●^{2} in the early morning; d in the morning; d, p in the afternoon; gusty WSW winds in the afternoon and at night.
20----⌒ a.; ● in the morning and at night; d°, ○° in the afternoon; gusty WSW winds with a gale force from 7 to 7.23 p. m.
21----●° in the early morning; ○ a. p.; gusty WSW winds in the afternoon.
22----Gusty WNW winds early in the morning; ● in the morning; ●° in the afternoon and at night; ⊤ SE, NE quadrant in the evening.
23----d° in the morning; ●, ⚡ various points in the evening.
24----< various points in the evening.
25----● in the forenoon, afternoon and at night; ⚡ W in the forenoon, ⚡ NE and SE quadrants in the afternoon; < NW quadrant in the evening.
26----Irregular veil of Ci.-S. in the forenoon; coloration of upper clouds at sunset.
27----⚡ S, NE, ●^{2} in the afternoon.
28----○ noon; ⚡° NE quadrant in the afternoon; ⚡ SE quadrant, < NE in the evening; ⚡ W at night.
29----≡ a.; ○, ⚡ NE quadrant, ●° in the afternoon; intense coloration of clouds at sunset; ⌓ p.
30 ⚡ E and S quadrant, ● in the afternoon.

OBSERVATIONS FOR JULY, 1909.

ATMOSPHERIC PRESSURE, 700 mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	58.15	57.75	57.45	57.20	57.15	57.90	58.23	58.25	**58.29**	58.22	58.07	57.39
2	56.80	56.40	55.90	55.85	55.80	55.89	56.11	56.34	56.54	56.81	56.61	56.27
3	57.40	56.75	56.20	56.05	56.05	56.44	56.93	57.12	57.47	57.14	56.96	56.24
4	57.80	57.40	57.10	56.90	56.80	57.21	57.45	57.90	58.15	58.34	57.81	56.88
5	58.60	57.25	57.10	57.20	57.35	57.48	57.65	58.09	58.27	58.12	57.97	57.49
6	58.35	58.40	57.85	57.45	57.55	57.89	58.29	58.44	**58.49**	58.43	58.09	57.64
7	57.15	57	56.80	56.60	56.90	56.98	57.39	57.66	**57.99**	57.82	57.54	57.09
8	57.20	57	**56.50**	56.60	56.70	57.10	57.68	57.61	57.81	57.74	57.54	56.99
9	57.95	57.75	57.45	57.30	57.20	57.54	57.78	58.26	58.25	58.19	57.61	57.23
10	57.90	57.45	57.40	57	57.45	57.37	57.32	57.30	57.76	57.98	57.37	57.29
11	**57.70**	57.20	57	56.80	56.55	56.48	56.89	57.23	57.35	57.28	57.40	57.12
12	57.05	56.60	56.50	56.50	55.95	56.35	56.88	57.36	57.39	56.77	56.92	56.83
13	56.45	55.75	55.65	55.50	55.80	56.46	56.72	56.82	57.39	57.33	56.76	56.24
14	57.20	57	56.95	56.80	57.45	57.57	58.04	58.26	58.45	58.41	58.60	58.22
15	57.95	57.45	57.55	58.05	58.65	58.79	58.94	59.01	58.99	58.80	58.58	58.41
16	60	59.65	59.40	59.05	59.30	59.49	59.76	59.83	60.04	60.08	59.74	59.19
17	**58.45**	58	57.80	57.60	57.30	56.99	57.27	57.72	57.75	57.75	57.56	56.95
18	57.55	56.90	56.75	56.65	56.60	56.79	56.92	57.36	57.48	57.68	57.47	57.20
19	58.45	58.45	58.45	58.25	58.50	58.74	58.79	58.63	58.69	58.69	58.90	58.62
20	59.05	58.65	58.55	58.65	58.90	59.06	59.64	59.71	59.36	59.27	**59.80**	59.27
21	58.75	58.05	58.05	58.05	58.05	58.06	58.47	58.50	**58.94**	58.81	58.59	58.04
22	57.70	57.30	56.95	57.10	57.20	57.45	57.69	57.81	57.79	57.79	57.67	57.27
23	**58.05**	57.75	57.40	57.25	57	57.34	57.74	58.04	58.04	57.94	57.63	57.03
24	56.90	56.75	56.50	56.50	56.30	56.42	56.84	**57.04**	56.98	56.84	56.59	56.11
25	56	55.90	55.40	54.85	54.85	55.15	55.75	55.87	56.29	56.14	55.93	55.75
26	55.55	55.40	54.85	54.60	54.55	54.69	55.29	55.45	55.56	55.60	55.31	54.72
27	54.85	54.30	53.90	53.90	54.25	54.25	54.79	55.15	55.22	55.21	**55.56**	55.32
28	**53.40**	52.70	52.40	52	51.85	52.17	52.47	52.36	52.90	52.82	52.97	52.40
29	50.55	50.50	**50.10**	**50.10**	50.35	50.78	51.67	51.85	51.81	51.76	52.17	52.67
30	**54.90**	55.15	55.25	55.35	55.35	55.86	56.36	57.07	57.31	57.87	**57.91**	57.61
31	57.40	57	56.90	57.10	57.20	57.51	57.85	58.01	58.26	58.25	58.24	58.14
Mean	57.14	56.76	56.52	56.41	56.48	56.72	57.08	57.29	57.45	57.42	57.29	56.89

TEMPERATURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.3	23.8	23.7	23.6	**23.1**	**23.1**	24.2	26.2	25.8	25.8	26.5	28.3
2	24.6	24.3	24.1	23.9	**23.4**	23.5	25.5	28.2	30.3	29	29.5	29.4
3	24.4	24.1	23.9	23.6	**23.4**	23.5	25.5	27.7	28.5	29	29.3	30.6
4	24.5	24.1	23.9	23.7	23.4	**23.3**	24	24.4	25.1	25.5	26	27.9
5	24.1	24.3	24.2	**24**	**24**	**24**	24.9	26.7	28.4	28.7	28.9	29.4
6	24	23.9	23.9	23.8	23.8	23.8	24.9	26.1	26.9	27.1	**28.3**	28.1
7	**23.5**	23.6	23.6	23.6	23.6	23.7	24.7	26	27	26	**28.2**	28
8	25.4	24.8	24.6	24.4	24.4	24.6	24.8	25.7	27.2	28	**29.3**	29.1
9	24.5	24.3	24	24.1	23.9	24.5	25.7	26	26	26.1	26.6	27.4
10	23.1	23.2	23	22.9	**22.8**	23	24.5	26	27.8	28.4	30	29.9
11	25.8	25.8	25.9	26.4	25.3	**24.9**	25.6	27.1	29	29.4	29.2	29.8
12	25.7	25.1	25	24.9	24.8	24.7	26	26.8	27.2	28.1	**28.4**	26.3
13	23.9	23.8	**23.7**	24	24.5	24.4	24	24.5	25.3	26.2	27.7	**28.1**
14	23.6	23.4	**23.2**	23.3	23.3	23.6	24.3	25.6	26	27.4	28.5	28.4
15	23.5	23.5	23.5	23.4	23.4	23.4	24.3	26.1	28.4	29.5	30.1	30.6
16	22.9	22.6	22.7	22.7	**22.5**	**22.5**	23.5	26.5	27.2	28.2	28.5	29.2
17	**23.6**	**23.6**	**23.6**	23.9	23.8	23.8	24	24	24.3	25.5	26	27.8
18	24.4	23.9	23.6	23.4	**23.2**	23.3	24.4	26.3	28.2	29	30	28.1
19	25.5	25.4	25.4	25.5	25	24.8	26	26.4	27.8	29	29.5	30.2
20	23.6	23.6	**23.3**	23.4	**23.3**	23.7	24.5	26.4	27.6	28.1	28.7	**29.3**
21	23.7	23.5	23.6	23.6	23.6	23.7	24.6	26	26.4	27.2	28.5	**28.8**
22	23.2	23.3	23.2	23.2	**23**	23.1	25	26.8	28.2	27.7	28.5	29.5
23	24.3	24.2	24.1	24	**23.9**	**23.9**	25	27.7	28.3	29.5	30.4	31
24	25.1	24.9	24.7	24.7	**24.6**	**24.6**	26	27.7	28.5	29.5	29.5	30
25	24.6	24.5	**24.4**	24.5	**24.4**	**24.4**	25.1	27.7	28.2	27.4	25.9	26.3
26	26.2	25.2	**24.5**	24.9	24.7	24.7	25	25	26	27	27.5	26.5
27	25.7	25.7	25.7	25.5	25.7	25.7	25.5	25	25.2	25.4	24.5	**24.4**
28	**24.9**	25.1	25.2	25.2	25	25.5	25.6	25	25.6	25.4	25.8	27.5
29	26.9	25.6	26.9	26.9	**23.9**	24.9	26.3	26.3	26.4	27.2	27.2	24.4
30	25.9	25.7	25.1	25.5	25.1	24.9	24.9	24	**23.5**	24	24.5	24.6
31	25.3	25.1	25	24.7	**24.5**	24.6	25.6	27.3	28.2	29.4	28.8	28.7
Mean	24.5	24.3	24.2	24.2	**24**	24.1	25	26.2	27	27.5	28.1	28.3

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
56.67	55.99	55.44	**55.29**	55.37	55.81	56.36	56.80	57.30	57.55	57.55	57.35	57.15
55.77	55.01	54.72	**54.55**	55.43	55.48	56.56	56.70	57.35	57.50	**57.60**	57.55	56.23
55.56	**55.11**	55.15	55.66	56.12	56.08	57.38	57.30	58.10	58.30	**58.60**	58.05	56.76
57.07	56.67	56.04	56.04	**55.82**	56.67	57.19	57.55	58.35	58.85	**58.95**	58.85	57.41
56.91	56.27	55.95	**55.69**	56.05	56.47	57.23	57.45	57.80	58.15	58.60	**58.70**	57.41
57.09	56.62	56.09	**56.04**	56.27	56.63	56.78	57.45	57.90	58.20	57.95	57.60	57.56
56.84	56.80	56.45	**56.09**	56.14	56.40	56.48	56.90	57.40	57.55	57.60	57.50	57.04
57.03	56.80	56.64	56.73	57.09	57.30	57.71	58.20	58.60	**58.90**	58.60	58.20	57.43
57.03	56.57	56.60	**56.55**	56.92	57.37	58	58.45	58.65	**58.90**	58.75	58.70	57.71
56.97	56.79	56.72	56.51	**56.23**	56.50	57.15	57.55	58	58.15	**58.25**	58.10	57.35
56.48	55.98	55.83	**55.72**	56.18	56.53	56.72	57.15	57.50	57.65	57.50	57.15	56.89
56.39	55.88	55.49	55.79	**55.45**	55.64	55.99	56.65	57.40	**57.50**	57.45	57	56.57
55.94	55.73	**55.44**	55.68	56.53	56.99	57.39	58.05	58.55	**58.95**	58.50	57.90	56.77
57.39	57.03	56.76	**56.72**	57.27	57.75	58.56	59	59.05	**59.40**	**59.40**	58.80	57.92
58.07	57.72	**57.21**	57.29	57.62	58.42	59.22	60.35	60.35	**60.55**	60.50	60.35	58.70
58.68	57.93	**57.25**	57.54	58.05	59.04	**60.14**	60.05	60.10	59.70	59.95	59.10	**59.29**
56.48	56.09	56.04	**55.84**	55.87	56.44	56.97	57.15	57.45	58	58.20	58	57.24
56.53	56.07	**55.86**	56.03	56.17	56.82	57.20	57.75	58.70	58.80	**59.40**	58.80	57.23
57.87	58.01	58.07	57.93	58.24	58.57	59.19	59.15	59.65	59.90	**60.55**	59.90	58.76
58.60	58.57	58.07	**57.84**	57.94	58.17	58.49	59.25	59.20	59.25	59.55	59.05	58.91
57.58	57.30	56.93	**56.69**	57.55	57.69	57.96	58.15	58.50	58.55	58.55	58.05	58.08
56.72	56.23	56.09	**56.06**	56.21	56.57	56.84	57.40	58	**58.90**	**58.90**	58.65	57.35
56.48	**55.97**	56.23	56.48	56.49	56.51	56.82	57.45	57.45	57.55	57.60	57.20	57.23
55.77	55.61	55.43	55.53	**55.23**	55.57	55.77	56	56.35	56.75	56.70	56.50	56.29
55.36	55.34	55.09	55.07	**54.82**	55.50	55.95	56.30	56	56.10	**56.40**	56.05	55.66
54.31	54.03	53.93	**53.70**	53.88	54.39	54.94	55.55	55.80	**55.95**	55.85	55.20	54.96
54.60	54.26	53.92	**53.71**	**53.71**	54.03	53.73	53.95	54.30	54.60	54.55	54.20	54.43
52.07	51.69	51.64	**51.39**	51.40	51.67	51.57	51.80	51.95	52.60	52.10	51.65	**52.17**
51.96	52.66	52.61	52.25	51.32	52.01	52.84	53.75	54.25	**54.85**	54.45	54.80	**52.17**
56.89	56.42	56.41	56.30	56.35	56.91	57.21	57.50	57.85	57.70	57.90	57.75	56.72
57.28	57.22	56.54	**56.36**	56.39	56.37	56.91	57.40	57.90	58.20	**58.60**	58.30	57.47
56.40	56.08	55.83	**55.78**	55.94	56.33	56.81	57.23	57.60	57.85	**57.90**	57.58	56.87

TEMPERATURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
28.6	29.7	29.3	**30.7**	29.5	28.6	27.3	26.8	25.8	25.8	25.6	24.8	26.3
31.9	**32.8**	30.7	30.1	25.7	24.8	24.9	24.7	24.7	24.7	24.7	24.5	26.7
30.6	**32.6**	29.9	28	24.5	24.6	24.3	24.4	24.8	24.6	24.6	24.3	26.3
28.6	29	**29.4**	28.4	27.5	26.7	26.1	25.7	24.8	24.6	24.2	24	25.6
29.8	31	**31.8**	29.5	30.3	29.2	27.6	26.6	26.5	26.1	26	24.7	27.1
27.9	28	27.8	27.9	27.4	26.8	26.3	25.7	25.2	24.9	24	**23.6**	25.8
28.2	27.9	28	28	27.5	26.7	25.8	25.4	25.4	25.7	25.8	25.6	25.9
26.8	25.3	26.3	26	25.4	24.7	24.5	24.5	24.5	24.4	24.2	**24.1**	25.5
29	**29**	28.6	27	27	26.7	25.2	24.7	24.3	23.6	**23.1**	**23.1**	25.6
30.2	29.4	26.7	26.2	26.4	26.2	25.7	25.6	25.2	25.5	26.5	25.4	26
30.2	**30.4**	30.2	30	27.3	27.3	27.3	27.2	27.1	26.7	25.2	25.5	**27.4**
25.2	26.5	26.5	26.5	26.8	26.6	26.7	26.6	25.7	24.6	24.2	**24**	26
27.5	27.5	27	25.8	25	24.8	24.5	23.9	23.8	23.8	**23.7**	**23.7**	**25**
29.1	**29.2**	**29.2**	28.5	25.8	24.2	24.2	24	23.5	23.4	23.4	23.4	25.4
31.4	**31.5**	31.1	30.6	29.8	29	27.8	24.2	23.4	23.1	23	**22.8**	26.6
29.4	31	**31.7**	28	24.6	24.3	24	23.8	23.7	23.7	23.6	23.5	25.4
28.1	**28.9**	27.6	26.5	27.4	26.7	26.1	25.7	25.6	24.6	24.6	24.6	25.4
30.9	31	**31.1**	30.2	27.2	27	26.6	26.1	25.8	25.7	25.6	25.6	26.7
31.4	29	25.4	26.5	26.5	26.1	25.7	25.6	25.6	25.4	24.7	**23.7**	26.5
27.5	27.3	26.5	26.4	26.5	26.3	25.5	24.5	23.8	24	24	23.8	25.5
28.3	28.4	28.3	28.6	24.5	23.6	23.7	**23.2**	**23.2**	**23.2**	**23.2**	23.3	25.2
30.2	30.1	29.1	28.2	28	27.8	27.4	27.4	26.1	24.6	24.5	24.3	26.4
31.4	**32.4**	29.9	27.8	26.9	26.6	26.3	25.9	26.2	25.8	25.6	25.5	26.9
30.7	28.8	26.9	25.6	26.4	26	25.7	25.5	25.2	25	24.7	24.7	26.5
26.5	27.2	**28.8**	**28.8**	28.5	27.2	26.8	27.1	26.4	25.3	24.9	25.4	26.3
27.3	27.7	27.3	**28**	27	26.9	27.1	25.3	25.8	25.8	24.9	25.2	26.1
25	24.8	24.7	24.5	25	24.7	24.7	24.8	25.1	**26.5**	24.9	24.9	25.2
27.8	26.2	26.2	25	25.7	25.4	26.2	26	25.9	26.4	26.4	26.7	25.8
26	24	25	26.2	27	**27.4**	27.3	25.2	25.4	25.6	25.9	25.9	26
25.3	**27.4**	27.3	27.2	26.8	26	25.8	25.7	25.7	25.7	26	25.7	25.5
29.5	29.8	**30.8**	30.1	29.3	28.4	27.6	27.4	27.1	26.8	26.5	25.5	27.3
28.7	**28.8**	28.3	27.8	26.9	26.4	26	25.5	25.2	25	24.8	24.6	26.1

RELATIVE HUMIDITY.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	94	94	94	93	**97**	**97**	92	87	87	87	88	80
2	89	**91**	**91**	89	**91**	90	83	77	68	76	73	72
3	87	90	91	90.5	91	91	89	81	82	79	76	71
4	92	96	96	96	**97**	96	95	94	93	93	92	84.5
5	**97**	96	**97**	**97**	**97**	**97**	95	88	81	79	78	78
6	91	91	91	91	91	91	87	83	78	77	74	74
7	93	94	96	96	97	**98**	94	85	85	90	80	**75**
8	88	92	93	**95**	**95**	94	93	88	83	78	**73**	**73**
9	91.5	92	95	95	**96**	92	90	89	88	82	80	78
10	94	93	94	95	95	**97**	92	85	79	75	**66**	**66**
11	86	86	85	84	90	**92**	91	77	74	72	70	69
12	85	89	90	90	90	91	89	82	83	**77**	78	83
13	92	92	91	91	91.5	92	94	92	91	87	81	**79**
14	91	92	93	93	94	92	91	89	87	80	77	75
15	**98**	95	94	95	95	94	91	84	76	71	68	67
16	95	**97**	**97**	**97**	**97**	96.5	92	84	84	73	74	71.5
17	94	95	**97**	96	96	**97**	96	96	94	93	88	82
18	94	**97**	**97**	**97**	**97**	**97**	93	82	77	74	70	78
19	92	93	93	92	**94**	92	92	84	81	74	72	71
20	94	93	96	95	96	92	94	89	83	79	73	**72**
21	**99**	97	97	97	97	97	95	84	82	81	76	**74**
22	96	96	96	96	**97**	**97**	92	87	79.5	83	80	75
23	96	96	**97**	**97**	**97**	**97**	92	85	83	75	67	68
24	**95**	**95**	**95**	93	92	92	92	83	77.5	71	71	70
25	92	91.5	91	92	91	92	93	85	82	86	92	90
26	85	92.5	92	**97**	**97**	**97**	96	**97**	94	83	84	90
27	89	90	90	92	90	91	92	92	93	94	96	95
28	**97**	96	94	91	96	95	93	95	92	93	92	82
29	**83**	89	85	87	92	90	85.5	88	87	87	87	**95**
30	93	88	**97**	94	**97**	94	95	96	**97**	94	94	93
31	**95**	**95**	**95**	94	**95**	**95**	**95**	87	84	79	79	80
Mean	92.2	93	93.5	93.5	**94.5**	94	92	86.9	84	81.4	79	77.8

VAPOR PRESSURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.2	20.6	20.5	20.1	20.3	20.5	20.7	22	21.5	21.5	22.6	**22.7**
2	20.4	20.5	20.2	19.6	19.5	19.5	20.1	22	21.7	22.5	22.4	21.8
3	19.8	20	20	19.6	**19.5**	19.6	21.7	22.3	23.6	23.6	23.1	23.1
4	21.1	21.4	21.1	20.8	20.6	**20.3**	21	21.3	22.1	22.4	22.9	23.6
5	21.7	21.6	21.7	21.4	21.4	21.4	22.2	22.9	23.3	23.1	23.2	**23.7**
6	20.1	20	20	**19.8**	**19.8**	20	20.5	20.9	20.6	20.4	21.1	21
7	**20**	20.3	20.7	20.7	21.1	21.4	21.8	21.1	22.5	22.5	**22.8**	21.1
8	21.1	21.3	21.4	21.6	21.6	21.6	21.7	21.5	22.2	21.9	22.1	21.8
9	20.9	20.9	21	21.1	21.1	21.1	22.1	**22.3**	21.9	20.5	20.6	21
10	19.7	19.7	19.6	19.6	**19.5**	20.2	21.1	21.3	21.8	21.5	20.9	20.7
11	21.2	21.2	21.2	21.5	21.5	21.4	22.1	20.4	22	21.8	21	21.6
12	20.9	21.1	21.2	21	20.9	21	22.3	21.4	22.2	21.6	**22.4**	21.2
13	20.3	20.2	**19.7**	20.3	20.9	21	20.8	21.1	21.8	22	22.3	22.2
14	19.8	**19.7**	**19.7**	19.8	20	19.9	20.5	21.8	21.7	21.7	22.2	21.5
15	21.1	20.4	20.2	20.3	20.3	20.1	20.6	21.1	21.9	21.7	21.6	21.7
16	19.6	19.8	19.8	19.8	19.7	**19.5**	19.8	21.6	22.6	20.8	21.4	21.5
17	**20.3**	20.5	20.9	21.1	20.9	21.2	21.2	21.2	21.2	22.6	21.9	22.6
18	21.3	21.3	21.1	20.6	20.6	**20.5**	21.2	20.9	21.7	22	22.1	22
19	22.2	22.3	22.3	22.2	22.1	21.3	**22.9**	21.5	22.4	21.9	22.2	22.5
20	20.3	**20.1**	20.3	20.3	20.3	**20.1**	21.5	22.7	**22.8**	22.2	21.3	21.7
21	21.6	20.7	21.1	20.9	21.1	21.2	21.8	21	21.1	21.6	22	21.8
22	**20.2**	20.3	**20.2**	**20.2**	**20.2**	20.3	21.6	22.8	22.5	22.9	**23**	22.8
23	21.6	21.5	21.5	21.4	21.5	**21.3**	21.6	23.5	**23.7**	22.8	21.6	22.7
24	22.5	22.2	21.9	21.5	**21.2**	**21.2**	22.9	22.9	22.4	21.7	21.7	22.1
25	21.2	20.9	**20.8**	21.1	**20.8**	21	22.1	**23.5**	23.4	23.3	22.8	22.8
26	21.6	22	**21.1**	22.6	22.3	22.5	22.5	22.8	**23.5**	21.9	23	23.2
27	21.9	22.1	22.1	22.2	22.1	22.3	22.2	21.6	22.2	22.7	21.9	21.6
28	22.6	22.7	22.4	21.6	22.5	**23**	22.8	22.4	22.4	22.5	22.7	22.4
29	22	21.8	22.4	22.9	**20.3**	21	21.7	22.3	22.3	23.2	23.2	21.6
30	23	21.7	22.9	22.8	22.9	22	22.2	21.2	**20.7**	20.8	21.5	21.4
31	22.7	22.5	22.4	21.8	**21.7**	21.8	23.2	23.5	23.8	23.9	23.3	23.5
Mean	21.1	21	21	21	**20.9**	**20.9**	21.6	21.9	22.2	22.1	22.2	22.1

RELATIVE HUMIDITY.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
73	**63**	66	67	72	77	81	84	85	86	87	87	84.1
67	**65**	72	77	75	85	87	85	86	90	88	87	81.4
70	**64**	76	79	92	92	94	94	93	94	94	**95**	85.6
78	77	**72**	77	92	92	91	91	87	89	94	96	90
75	69	**66.5**	73	68	76	79	81	84	86	87	87	83.8
71	74	77	78	82	86	86	84	91	88	91	**93**	84.2
77	78	80	79	76	80	84.5	84	88	84	84.5	85	86
86	91	91	92	93	**95**	93	93	92	93	93	92	89.5
70	71	74	79	77	79	84	87	90	90.5	95	95	85.8
68	72	85	90	90	92	93	90	92.5	91	82	92	86.2
67	**66**	68	69	78	75.5	82	82	83	86	**92**	88	**79.7**
85	80	80	80	80	82	80	83	84	90	92	**93**	84.8
82	85	83	89	92	92	91.5	93	92	**96**	93	94	89.8
72	**71.5**	74	80	88	91	93	93	94	**97**	**97**	94	87.4
69	**66**	69	70	69	72	77	91	95	93	94	96	82.9
71	**64**	65	81	92	92	93	91	93	94	94	94	86.8
82	**77**	84	86	85	89	89	91	88	92	92	94	90.5
68	**65**	67	70	83	84	86	88	89	90	91	91	84.4
66	73	85	85	88	89	90	91	91	92	91	92	86
81	82	84	85	81	83	92	96	98	97	97	**99**	88.8
77	77	78	78	94	97	96	**99**	98	97	97	96	90
69	70	76	79	80	81	83	84	89	95	94	96	86.3
66	**61**	71	84	85	87	90	90	91	93	94	93	85.6
69	73	85	90	93	92	91	91	93	92	93	93	86.7
90	86	78	**76**	**76**	85	83	83	84	92	**94**	91	87.3
87	85	85	**80**	84	83	84	89	88	90	93	92.5	89.4
97	96	**97**	91.5	93	95	94	96	92	**87**	96	95	**93.1**
80	85	86	95	90	91	87	89	90	87	87	85	90.3
94	93	90	84	84	86	87	88	92	93	90	91	88.6
92	**81**	82	84	90	89	92	94	93	93	94	93	92
82	81	**78**	**78**	**78**	82	87	84	87	89	90	92	86.7
76.8	**75.5**	78.2	80.8	83.9	86.2	87.7	89	90.1	91.2	92	92.3	86.9

VAPOR PRESSURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
21.3	**19.5**	20.1	22.1	22.2	22.3	21.7	22	21.1	21.2	21.2	20.3	21.2
23.5	24.2	23.5	**24.6**	**18.5**	19.8	20.3	19.6	19.8	20.8	20.4	19.8	21
22.7	23.5	**23.8**	22.1	21.1	21.1	21.2	21.3	21.7	21.6	21.6	21.4	21.6
22.7	22.9	21.1	22.3	**25.1**	23.9	22.9	22.3	**20.3**	20.4	21.1	21.2	21.9
23.2	22.9	23.3	22.4	21.9	22.8	21.5	21	21.6	21.7	21.7	**20.2**	22.2
19.9	20.7	21.4	21.8	22.2	**22.6**	21.9	20.7	21.6	20.6	20.3	20.1	**20.8**
21.7	21.8	22.5	22.3	20.8	20.9	20.8	20.2	21.1	20.7	20.8	20.8	21.3
22.6	21.8	**23.2**	22.9	22.5	21.9	21.3	21.3	21.1	21.2	20.9	**20.6**	21.7
20.8	21.1	21.5	20.9	20.3	20.5	20.1	20.2	20.3	**19.6**	19.9	19.9	**20.8**
21.6	21.8	22.1	22.8	23.1	**23.2**	22.7	22	22	22	21	22.1	21.3
21.3	21.2	21.6	21.8	21.1	**20.3**	22.1	21.9	**22.3**	**22.3**	21.8	21.4	21.5
20.3	20.6	20.6	20.6	21	21.1	20.7	21.5	20.7	20.7	20.7	20.7	21.1
22.4	**23.2**	22.1	22	21.6	21.5	20.9	20.5	20.2	20.9	20.2	20.5	21.2
21.6	21.5	22.2	**23**	21.9	20.5	20.9	20.7	20.2	20.6	20.6	20.1	20.9
23.5	22.6	23.3	23	21.6	21.5	21.4	20.3	20.3	**19.5**	19.6	19.7	21.1
21.6	21.5	22.5	**22.7**	21.2	20.9	20.7	20	20.2	20.5	20.3	20.2	**20.8**
23	22.8	22.9	22.2	23	**23.1**	22.5	22.3	21.4	21.2	21.2	21.6	21.8
22.5	21.9	**22.7**	22.4	22.2	22.3	22.2	22.1	22	22.1	22.1	22.1	21.7
22.5	21.6	20.6	21.8	22.6	22.2	22.1	22.1	22.1	22.1	21	**20.1**	21.9
22.2	21.1	21.6	21.7	20.8	21.2	22.2	21.9	21.5	21.6	21.6	21.7	21.4
21.9	22.3	22.3	**22.7**	21.5	20.9	20.8	20.9	20.8	20.6	20.4	**20.3**	21.3
22	22.2	22.8	22.4	22.5	22.4	22.5	22.6	22.2	21.8	21.5	21.6	21.8
22.7	22	22.2	23.2	22.4	22.6	22.8	22.4	23	22.8	22.9	22.6	22.3
22.5	21.6	22.4	22	**23.7**	22.9	22.3	22	22.2	21.6	21.5	21.5	22.1
23	23	23	22.4	22	22.8	21.6	22	21.5	21.9	22	21.9	22.1
23.5	**23.5**	22.9	22.5	22.3	21.7	22.4	21.4	21.9	22.3	21.8	22	22.4
22.8	22.3	22.3	**20.9**	22	21.9	21.8	22.3	21.9	22.4	22.4	22.2	22.1
22.2	**21.4**	21.8	22.4	22.1	21.9	22	22.1	22.4	22.3	22.3	22.1	22.3
23.5	20.7	21.2	21.2	22.3	23.3	23.4	20.8	22.1	22.8	22.4	22.6	22.1
21.9	21.8	22.1	22.6	23.4	22.3	22.7	23.1	22.7	22.7	**23.5**	22.7	22.3
25.1	25.2	**25.9**	24.7	23.5	23.5	23.7	22.9	23.1	23.3	23	22.2	**23.3**
22.3	22.1	**22.3**	**22.3**	22	21.9	21.8	21.5	21.5	21.5	21.3	21.2	21.7

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a		8 a.		9 a.		10a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Ci.-S.	----	Ci.-S	----	Ci.-S.	----	Ci.-S.	----	----	----	A.-Cu.	----
2	Ci.-S.	NE	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----
3	Ci.	E	Ci.	----	Ci.	----	Ci.-S.	----	Ci.-S.	----	Ci.	----
4	Ci.-S.	----	Ci.-S.	----	----	----	----	----	----	----	----	----
5	Ci.-S.	----	Ci.-S.	SbyE	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----
6	A.-Cu.	EbyS	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----
7	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----
8	----	----	----	----	Ci.-S.	----	Ci.-S.	----	A.-Cu.	----	A.-Cu.	SW
9	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----
10	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	A.-Cu.	E	Ci.-S.	----	A.-Cu.	E
11	A.-Cu.	----	A.-Cu.	WNW	Ci.-S.	----	Ci.-S.	NE	Ci.-S.	----	Ci.-S.	----
12	A.-Cu.	NWbyN	----	----	----	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----
13	----	----	Ci.-S.	----	----	----	----	----	Ci.-S.	----	Cl.-S.	----
14	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----
15	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----
16	Ci.-S.	S	Ci.-S.	----	A.-Cu.	E	A.-Cu.	E	Ci.-S.	----	Ci.-S.	----
17	----	----	----	----	----	----	----	----	----	----	Ci.-S.	----
18	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	----	----
19	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	A.-Cu.	E	Ci.-S.	----	Ci.-S.	----
20	A.-Cu.	----	A.-Cu.	NbyW	Ci.-S.	----	Ci.-S.	----	A.-Cu.	E	Ci.-S.	----
21	Ci.-S.	NEbyN	Ci.-S.	NEbyN	A.-Cu.	NE	A.-Cu.	----	Ci.-S.	----	Ci.-S.	----
22	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	E	Ci.-S.	----
23	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----
24	Ci.-S.	----	Ci.-S.	----	Ci.-S.	SE	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----
25	......	----	Ci.-S.	----	Ci.	E	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----
26	----	----	----	----	----	----	----	----	----	----	----	----
27	----	----	----	----	----	----	----	----	----	----	----	----
28	----	----	----	----	----	----	----	----	----	----	Ci.-S.	----
29	----	----	----	----	----	----	----	----	----	----	----	----
30	----	----	----	----	----	----	----	----	----	----	----	----
31	Ci.-S.	----	Ci.-S.	ENE	Ci.-S.	EbyN	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.-N.	E	Cu.-N.	E	Cu.-N.	----	Fr.-N.	----	Fr.-N.	----	Cu.	----
2	Cu.	----	Cu.	----	Cu.	SE	Cu.	SE	Cu.	SE	Cu.-N.	SEbyE
3	Cu.	----	Cu.	SE	Cu.-N.	----	Cu.	----	Cu.	SE	Cu.	----
4	Cu.	SE	Fr.-N.	ESE	Fr.-N.	----	N.	----	N.	----	N.	----
5	Cu.	ESE	Cu.	EbyS	Cu.	EbyS	Cu.	EbyS	Cu.	EbyS	Cu.	----
6	Cu.	----	Cu.	EbyS	Cu.	EbyS	Cu.	----	Cu.	EbyS	Cu.	E
7	Cu.	E	Cu.	E	Cu.	----	Cu.-N.	SE	Cu.-N.	SE	Cu.	SE
8	N.	SbyE	S.-Cu.	----	S.-Cu.	SbyE	S.-Cu.	----	S.-Cu.	SSE	N.	----
9	Fr.-N.	----	Cu.-N.	----	N.	SE	N.	----	N.	SE	Cu.-N.	SE
10	S.-Cu.	S	S.-Cu.	----	S.-Cu.	----	S.-Cu.	----	S.-Cu.	----	Cu.	----
11	S.-Cu.	----	Cu.	----	Cu.	----	Cu.	----	Cu.	----	Cu.	----
12	Cu.	----	S.-Cu	NWbyW	S.-Cu.	----	Fr.-Cu.	W	S.-Cu.	----	Cu.-N.	SW
13	N.	SW	N.	----	N.	WbyN	Fr.-N.	----	Cu.	W	Cu.	----
14	S.-Cu.	----	S.-Cu.	SSW	S.-Cu.	SSW	S.-Cu.	----	Cu.	----	Cu.	SSE
15	Cu.	----	Cu.	NE	S.-Cu.	ESE	S.-Cu.	SEbyS	S.-Cu.	----	Cu.	NE
16	Cu.	----	S.-Cu.	----	Cu.	----	Cu.	----	Cu.	----	Cu.	----
17	N.	WNW	N.	NNW	Fr.-N.	NNW	Fr.-N.	NE	Fr.-N.	NE	Cu.-N.	----
18	Cu.-N.	----	Cu.	----	Cu.	SSE	Cu.	SSE	Cu.	SSE	Fr.-N.	SbyE
19	Cu.	----	S.-Cu.	SE	S.-Cu.	----	S.-Cu.	----	S.-Cu.	S	S.-Cu.	----
20	S.-Cu.	----	Cu.	----	Cu.	ESE	S.-Cu.	----	S.-Cu.	----	Cu.	----
21	S.-Cu.	W	Cu.	----	Cu.	----	Cu.	----	Cu.	----	Cu.	----
22	S.-Cu.	SSE	N.-cf.	SEbyS	Cu.	----	Cu.	ENE	Cu.	----	Cu.	----
23	Cu.	----	Cu.	ESE	Cu.	ESE	Cu.	----	Cu.	----	Cu.	----
24	S.-Cu.	----	Cu.	E	Cu.	ESE	Cu.	ESE	Cu.	----	Cu.	----
25	......	----	Cu.	SW	N.-cf.	----	Cu.-N.	SWbyW	Cu.-N.	----	N.-cf.	----
26	N.	----	N.	SWbyW	N.	WSW	Fr.-N.	----	Fr.-N.	----	Fr.-N.	----
27	Fr.-N.	WNW	Fr.-N.	----	Fr.-N.	SW	Fr.-N.	----	Fr.-N.	----	N.	----
28	Fr.-N.	SW	N.	SW	Fr.-N.	SW	Fr.-N.	SW	N.	SW	Cu.-N.	----
29	Fr.-N.	WSW	N.	----	Fr.-N.	WSW	Fr.-N.	WSW	N.	WSW	N.	----
30	N.	W	N.	----	N.	W	N.	----	N.	----	N.	----
31	Cu.	WSW	Cu.	----	Cu.	----	Cu.	W	Cu.	W	Cu.	W

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
A.-Cu.	E	A.-Cu.	ENE	A.-Cu.	-------	A.-Cu.	-------	Ci.-S.	-------	Ci.	-------
Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	-------	-------	-------	-------
Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	-------	-------	Ci.-S.	-------	Ci.-S.	-------
Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------
Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------
Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------
Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------
Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	-------	-------	-------	-------	-------	-------
Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	-------	-------	-------	-------
A.-Cu.	-------	-------	-------	Ci.-S.	-------	Ci.-S.	-------	A.-Cu.	-------	Ci.-S.	-------
Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	-------	-------	A.-Cu.	-------
Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	-------	-------	-------	-------	Ci.-S.	-------
-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	-------	-------
Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	-------	-------
Ci.-S.	E	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	-------	-------	-------	-------
Ci.-S.	-------	Ci.-S.	-------	-------	-------	Ci.-S.	-------	A.-Cu.	SbyE	Ci.-S.	-------
Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	EbyN	Ci.-S.	-------	Ci.-S.	EbyN	Ci.-S.	-------
Ci.-S.	-------	-------	-------	-------	-------	Ci.-S.	-------	Ci.-S.	-------	-------	-------
Ci.-S.	-------	-------	-------	Ci.-S.	-------	-------	-------	Ci.-S.	-------	-------	-------
Ci.-S.	-------	-------	-------	Ci.-S.	-------	Ci.-S.	-------	-------	-------	-------	-------
Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	NE	-------	-------	-------	-------	-------	-------
Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	-------	-------	-------	-------
Ci.-S.	-------	Ci.-S.	-------	-------	-------	-------	-------	-------	-------	Ci.-S.	-------
Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	-------	Ci.-S.	NE	Ci.-S.	NE	Ci.-S.	-------
-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
-------	-------	Ci.-S.	-------	Ci.-S.	-------	A.-Cu.	-------	Ci.-S.	-------	-------	-------
Ci.-S.	-------	Ci.-S.	E	Ci.-S.	E	A.-Cu.	-------	A.-Cu.	-------	A.-Cu.	-------

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.	-------	Cu.	-------	Cu.	-------	Cu.-N.	-------	Cu.-N.	-------	Cu.-N.	-------
Cu.-N.	SEbyE	Cu.-N.	ESE	Cu.-N.	-------	Cu.-N.	-------	Cu.-N.	-------	Cu.-N.	-------
Cu.-N.	-------	Cu.-N.	SE	Cu.-N.	-------	N.	SE	N.	SE	Cu.-N.	-------
Cu.	-------	Cu.	SE	Cu.	SE	N.-cf.	SE	Cu.	-------	Cu.	-------
Cu.	-------	Cu.-N.	-------	Cu.-N.	-------	Cu.-N.	E	Cu.-N.	E	Cu.-N.	E
Cu.	E	Cu.-N.	-------	Cu.	E	Cu.	E	Cu.	-------	Cu.	-------
Cu.-N.	-------	Cu.-N.	SE	Cu.-N.	SE	Cu.	-------	Cu.	-------	Cu.	-------
N.	-------	N.	SSE	Cu.-N.	-------	Cu.-N.	SE	Cu.-N.	SE	S.-Cu.	-------
Cu.-N.	SW	Cu.-N.	SW	Cu.-N.	SW	N.	SWbyW	N.	-------	N.	-------
Cu.	-------	Cu.-N.	E	Cu.-N.	-------	Cu.-N.	-------	Cu.-N.	EbyS	S.-Cu.	EbyS
Cu.	-------	Cu.	-------	Cu.	SW	Cu.-N.	SWbyW	Cu.-N.	-------	Cu.	-------
Cu.-N.	W	Cu.-N.	WNW	Fr.-N.	NW	Fr.-N.	NW	Fr.-N.	-------	Fr.-N.	-------
Fr.-N.	-------	Fr.-N.	WSW	Fr.-N.	SW	Fr.-N.	SW	Fr.-N.	SW	Fr.-N.	-------
Cu.	-------	Cu.	SSE	Cu.	S	Cu.	-------	Cu.-N.	-------	N.	-------
Cu.	NE	Cu.	-------	Cu.-N.	-------	Cu.-N.	-------	Cu.-N.	-------	N.	ESE
Cu.	-------	Cu.	-------	Cu.	-------	Cu.-N.	-------	Cu.-N.	NE	Cu.-N.	-------
Cu.-N.	SEbyE	N.	ESE	N.	ESE	Cu.-N.	ESE	Cu.-N.	-------	Cu.-N.	-------
Cu.	SbyE	Cu.-N.	-------	Cu.-N.	SbyE	Cu.-N.	-------	Cu.-N.	-------	Cu.-N.	-------
Cu.	-------	Cu.-N.	ESE	Cu.-N.	ESE	Cu.-N.	ESE	Fr.-N.	-------	S.-Cu.	ESE
N.	-------	Cu.-N.	WSW	Cu.-N.	WSW	Fr.-N.	-------	Cu.-N.	WSW	N.	WSW
Cu.	-------	Cu.-N.	WSW	Cu.	-------	Cu.	-------	N.	-------	Fr.-N.	-------
Cu.-N.	-------	Cu.-N.	E	Cu.-N.	-------	Cu.-N.	-------	Cu.-N.	-------	Fr.-N.	-------
Cu.	ESE	Cu.	EbyS	Cu.-N.	-------	Cu.-N.	ESE	Fr.-N.	-------	S.-Cu.	-------
Cu.-N.	-------	N.	EbyS	N.	-------	Cu.-N.	-------	Cu.-N.	-------	Fr.-N.	-------
N.-cf.	WbyS	Cu.	WSW	Cu.	-------	Cu.	WSW	Cu.	-------	N.-cf.	WSW
Fr.-N.	SW	Fr.-N.	-------	Fr.-N.	-------	Fr.-N.	NWbyW	Fr.-N.	-------	Fr.-N.	-------
Fr.-N.	SW	Fr.-N.	SW	Fr.-N.	SW	Fr.-N.	WSW	Fr.-N.	-------	N.	WSW
Fr.-N.	SW	Cu.-N.	SW	N.-cf.	-------	N.	SW	Fr.-N.	-------	Fr.-N.	WSW
N.	-------	N.	-------	N.	WbyS	Cu.-N.	W	Cu.-N.	W	Fr.-N.	W
S.-Cu.	-------	S.-Cu.	-------	S.-Cu.	W	N.-cf.	W	N.-cf.	-------	S.-Cu.	-------
Cu.-N.	-------	Cu.	-------	Cu.	-------	Cu.	W	S.-Cu.	W	Cu.	W

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	NE	1.5	NNE	1	NNE	1.5	Calm	--------	Calm	--------	Calm	--------
2	NE	1	NNE	1.5	Calm	--------	NNE	1	NNE	1	Calm	--------
3	N	2	N	2	NNE	1	NNE	1	Calm	--------	Calm	--------
4	N	2	N	1	Calm	--------	Calm	--------	Calm	--------	Calm	--------
5	WNW	1	N	3.5	NNW	4	NNW	2	Calm	--------	Calm	--------
6	ENE	1	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
7	EbyN	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
8	Calm	--------	Calm	--------	Calm	--------	ESE	.5	ESE	1	Calm	--------
9	SE	1	SE	1	SE	1	Calm	--------	SE	1.5	Calm	--------
10	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
11	SW	4	SW	4.5	WSW	3.5	WSW	2	WSW	.5	ENE	0.5
12	NW	4	NW	3	NNW	3	NW	2.5	Calm	--------	Calm	--------
13	N	1	N	.5	SW	5.5	SW	4	SW	6	WSW	1.5
14	Calm	--------	Calm	--------	ESE	1	ESE	.5	SE	1	Calm	--------
15	E	1	Calm	--------	SE	.5	NE	.5	NNE	1	NE	1
16	Calm	--------	Calm	--------	N	1.5	NE	1	NE	.5	Calm	--------
17	NNW	1	Calm	--------	Calm	--------	NNW	.5	Calm	--------	NNW	1
18	ESE	.5	ESE	.5	ESE	.5	Calm	--------	Calm	--------	NE	.5
19	Calm	--------	Calm	--------	S	1	S	1	Calm	--------	Calm	--------
20	N	2	NNE	2	NNE	1	NNE	1	E	1	Calm	--------
21	NNE	1.5	Calm	--------	N	2	N	3.5	N	1	NW	1
22	ENE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	E	.5
23	Calm	--------	ENE	.5	Calm	--------	E	.5	E	1	ENE	.5
24	E	.5	E	1	ENE	1	ENE	.5	ENE	.5	Calm	--------
25	NNW	1.5	NNE	1	NNE	1	SE	1	E	.5	Calm	--------
26	WSW	3.5	Calm	--------	WbyN	1	WSW	.5	Calm	--------	Calm	--------
27	SSW	4	SSW	4	SSW	6	SSW	4	WSW	10	SW	4
28	SbyW	5.5	SSW	5	SSW	10	SSW	8	SbyW	5	SSW	8
29	SSW	6	SW	8	SW	7	SSW	6	SSW	10	SW	7
30	WbyS	3	WSW	3	SW	1	SW	4	SW	3.5	SSW	2
31	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
Mean	------------	1.6	------------	1.4	------------	1.7	------------	1.5	------------	1.5	------------	.9

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	W	1.5	WNW	1.5	NNW	3	NNW	2	N	1	Calm	--------
2	NW	1.5	WNW	3	NW	1	WNW	3	NNW	5	NNW	1
3	NWbyW	3	NW	3.5	NNE	1.5	S	3	NW	1	ENE	.5
4	NNE	2	SSW	1.5	NW	2.5	NWbyW	1.5	WbyS	1	Calm	--------
5	WNW	1	WNW	3	NW	2	NW	1	WNW	2	SSW	.5
6	WNW	.5	WNW	1.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------
7	SE	2.5	SE	1.5	SSE	2	SE	1.5	Calm	--------	SE	.5
8	SW	4	SW	2	Calm	--------	Calm	--------	Calm	--------	SSE	.5
9	S	1	WSW	.5	W	2	SbyW	5	SW	2.5	WSW	3
10	WSW	2.5	WSW	2	ESE	1.5	E	1.5	E	1	Calm	--------
11	SW	.5	WSW	3	WSW	3	WSW	7	WSW	8	WSW	8
12	WSW	5	WSW	9	SWbyW	7	SWbyW	4.5	SWbyW	4.5	SWbyW	2
13	WSW	1	Calm	--------	WSW	8	SSW	2	SSW	4	SSW	6
14	Calm	--------	ESE	1.5	Calm	--------	NW	1.5	SE	2	SSE	1
15	SSE	2.5	SE	1	SE	1	Calm	--------	WNW	1	Calm	--------
16	W	1	W	3	WSW	2.5	ESE	4	ESE	.5	SE	1
17	SSW	1	W	2	NW	1.5	Calm	--------	Calm	--------	SE	.5
18	S	3	SE	4	SE	5	SbyE	1.5	SW	4	SSW	3
19	SSE	5	S	5.5	WSW	3.5	S	1	Calm	--------	Calm	--------
20	WSW	5.5	WSW	6	SW	5	SWbyS	3	SSW	2	SSW	2
21	WNW	.5	WSW	1	WSW	3	SW	3	Calm	--------	SE	.5
22	W	2	W	2.5	SW	3	SW	2.5	SW	2	SW	2.5
23	SE	2.5	SE	3	SE	1.5	ESE	.5	NE	.5	ENE	.5
24	WSW	.5	NE	2	Calm	--------	Calm	--------	Calm	--------	Calm	--------
25	NNE	2	NNW	2.5	NW	3	WbyN	1.5	WNW	2.5	WSW	9
26	SW	5	WSW	7.5	SWbyW	6	WSW	7	WSW	6.5	WSW	4.5
27	S	2	SW	7.5	SbyW	5	SWbyW	10.5	SSW	8.5	WSW	4
28	SSW	8.5	SSW	7	SSW	7.5	SSW	7	SSW	4	SSW	5.5
29	WSW	14	WSW	12	WSW	14	WbyS	8	WSW	15	WSW	13
30	NW	1.5	Calm	--------	WNW	1.5	Calm	--------	SW	1	SW	3.5
31	WSW	3	WSW	4.5	WSW	2	WSW	3.5	WSW	2	SW	.5
Mean	------------	2.8	------------	3.4	------------	3.2	------------	2.8	------------	2.6	------------	2.4

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
E	1	Calm	---------	NE	0.5	Calm	---------	Calm	---------	Calm	---------
NE	.5	Calm	---------	Calm	---------	WNW	1.5	W	3.5	NW	4
Calm	---------	Calm	---------	NW	1.5	WSW	2.5	W	1	WNW	2.5
Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------
Calm	---------	Calm	---------	SSW	1.5	WSW	1	WNW	3	NW	2.5
NE	1.5	Calm	---------	NW	1	W	1	Calm	---------	WNW	2
Calm	---------	Calm	---------	ESE	2.5	ESE	.5	SE	4.5	SE	8
ESE	1	Calm	---------	ESE	1	ESE	2.5	ESE	5	SE	1.5
SE	1	SSE	0.5	Calm	---------	Calm	---------	ESE	1	Calm	---------
Calm	---------	Calm	---------	Calm	---------	Calm	---------	WSW	.5	SW	3
NE	.5	NW	2	NNW	1.5	NW	1.5	WSW	2.5	SW	1.5
Calm	---------	Calm	---------	Calm	---------	S	1	SW	.5	WNW	4
SSW	4	SSW	2	SW	3.5	Calm	---------	Calm	---------	SW	.5
SE	1	SE	2	ESE	.5	SE	.5	S	.5	SW	2
ENE	.5	ENE	2	E	2.5	ESE	1	ESE	2.5	ESE	1.5
Calm	---------	Calm	---------	SSE	1	W	2	W	3	WbyN	3
Calm	---------	Calm	---------	ENE	1	Calm	---------	Calm	---------	Calm	---------
NE	.5	Calm	---------	SE	2	ESE	1.5	SE	3.5	SSE	2.5
Calm	---------	Calm	---------	ESE	1	Calm	---------	ESE	2.5	S	3
Calm	---------	ESE	1	ESE	1	S	1	SW	.5	SW	.5
Calm	---------	Calm	---------	WNW	1	WNW	1	WSW	1.5	WSW	1
Calm	---------	SE	.5	E	.5	S	.5	SSW	1	SSW	1
Calm	---------	EbyS	1	ESE	1	SE	1	SE	.5	Calm	---------
Calm	---------	Calm	---------	NE	.5	Calm	---------	W	2	W	2.5
Calm	---------	Calm	---------	E	.5	NW	1.5	NW	2	N	.5
Calm	---------	W	2.5	S	.5	SW	7	SW	8	SW	4
WSW	3	WSW	8	WSW	9	SW	6.5	WSW	7	SW	5
S	4	SW	8.5	SW	9	SW	9	SSW	5	SSW	8
SW	8.5	SSW	8.5	SSW	6.5	SW	9	WSW	8	W	10
SWbyW	4	WSW	7	NWbyW	5	Calm	---------	NW	1	WNW	1
Calm	---------	Calm	---------	Calm	---------	WNW	1	WNW	2	W	1
-----------	1	-----------	1.5	-----------	1.8	-----------	1.7	-----------	2.3	-----------	2.5

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		12 m. n.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
E	1	SE	1.5	SE	1	SEbyS	1.5	SEbyS	0.5	Calm	---------	0.8
Calm	---------	NE	1.5	NE	1.5	NE	1	NE	2.5	N	3	1.6
Calm	---------	Calm	---------	NE	.5	ENE	.5	Calm	---------	N	.5	1.1
SE	3	EbyS	5	ESE	2	ESE	1.5	ESE	1	ESE	2	1.1
Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	ENE	3	1.3
Calm	---------	Calm	---------	Calm	---------	SE	1	EbyN	1	EbyN	1	.5
Calm	---------	Calm	---------	Calm	---------	ESE	2	SEbyE	1	SEbyE	1.5	1.2
Calm	---------	Calm	---------	SSE	.5	SSE	1.5	SE	2	SE	1	1
WSW	6.5	SW	4.5	S	4	S	1	Calm	---------	Calm	---------	1.5
Calm	---------	E	.5	Calm	---------	WNW	4	W	3	NNW	3.5	1
WSW	3.5	WSW	4.5	SW	2.5	SSW	1.5	SSW	2.5	WNW	4	3
WNW	2.5	W	4	NW	3.5	NWbyN	1	NNW	1.5	N	.5	2.6
SbyW	4	SE	1.5	SE	1	Calm	---------	ESE	1.5	Calm	---------	2.4
SSE	1.5	E	1.5	E	1.5	E	.5	Calm	---------	ESE	1	.9
W	2	E	1.5	ENE	2	ENE	2.5	E	2	Calm	---------	1.2
NW	6.5	NE	1	NE	.5	NE	1	Calm	---------	Calm	---------	1.4
Calm	---------	Calm	---------	E	1	ESE	.5	ESE	1	ESE	1	.5
SSW	2	Calm	---------	SSE	1	SSE	2	SSE	1	Calm	---------	1.6
Calm	---------	E	.5	ENE	.5	Calm	---------	W	8	Calm	---------	1.4
SW	1.5	SW	5	WbyS	5.5	W	1.5	WNW	1.5	Calm	---------	2.1
S	1.5	Calm	---------	E	1	E	.5	Calm	---------	Calm	---------	1
SW	.5	SW	1.5	SE	2	ENE	1.5	ENE	1	Calm	---------	1.1
Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	ENE	.5	.6
Calm	---------	Calm	---------	SE	.5	SE	.5	Calm	---------	SE	1	.5
WbyS	8	WbyS	7	WNW	4	Calm	---------	WNW	.5	SWbyW	4	2.2
WSW	6.5	WSW	10.5	WSW	8.5	SSW	3.5	SSW	5.5	SSW	3.5	4.2
SbyE	3	SSW	5	S	5	SSW	6	S	7	S	4.5	5.8
SSW	5.5	SSW	4	SbyW	5	SSW	7	S	5	SbyW	9	6.7
WSW	12	WbyS	9	WSW	6	WSW	9	W	7	W	4.5	9.1
WSW	2	SWbyW	3.5	SSW	1	SWbyW	2.5	W	3	W	1.5	2.3
SSW	2.5	SW	2.5	SWbyW	1.5	SSW	1	SW	4.5	SW	6	1.6
-----------	2.4	-----------	2.4	-----------	2	-----------	1.8	-----------	2	-----------	1.8	2

WIND—FORCE IN KILOMETERS PER HOUR.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	6	3.5	4.5	5	1.5	0.5	4.5	2.5	5	7	2.5	2.5
2	3	6.5	4	4	4.5	3.5	6.5	4.5	2.5	5	11.5	13.5
3	9	11	6	3	2.5	1	2	1.5	5	8	11	13
4	9	7	4	5	2.5	4	2	2	4	2.5	4	2.5
5	5	11	14	10.5	5.5	.5	.5	1	5	5	7	12.5
6	7.5	5.5	2	.5	1	4	4.5	7	4	7	5.5	7
7	2	3	.5	.5	.5	.5	1.5	3	1.5	3	14.5	**15.5**
8	1	3	.5	1.5	3.5	1.5	1.5	2.5	4.5	7.5	13.5	16
9	5	4	4	3	2	2.5	3.5	8	2.5	2	3	1
10	1.5	1.5	1.5	1.5	.5	1	.0	1.5	1.5	2	1.5	3.5
11	25.5	12.5	14	11	1	2.5	3.5	5	8.5	8.5	7	7
12	25	9	5.5	4	3	2.5	4	2.5	4	4.5	5.5	21
13	2.5	3.5	6	20	10	24	20	16	10	7	6	4.5
14	3	1	2	2.5	2.5	4	4	5.5	**10**	4	4.5	5
15	4	2	1	2	5	5	7	8.5	8	8	11.5	7.5
16	1.5	1	4	5.5	2.5	2	2	.5	1.5	8	10.5	14
17	3	2	.5	.5	2	2	2	4.5	3	3.5	3	2.5
18	5.5	2	3	1	2	2.5	3	4	5.5	8	10	11
19	.5	0	1.5	2	1	2.5	3	3	6.5	7.5	7	11
20	1	3.5	4	2.5	3	3	2.5	2.5	5.5	6.5	6	5.5
21	2.5	.5	4	8	7.5	4.5	4	2	4.5	7.5	12.5	11.5
22	1.5	2.5	1	2.5	1.5	1.5	1	1.5	3	4	5	6
23	1	.5	1.5	2.5	3	3	2.5	3	5	5	8	8
24	1	1	4	2	1.5	1	0	2.5	5	3.5	9.5	9.5
25	6	4	.5	3	3	1.5	.5	3.5	1	7	11.5	5
26	12	5.5	6	4	5.5	2.5	1.5	12.5	15.5	6	20	26
27	17	13.5	21	17.5	36	33	21.5	18.5	34	**40**	37	33
28	17	23	25.5	34	19.5	25	27	26	19.5	30	28	24.5
29	30	35	43	30	35	39	46	31	32.5	37.5	**51**	46
30	12.5	11.5	8	9.5	13	14	13	19.5	14.5	21.5	11	16
31	1.5	0	1	0	1	.5	0	.5	2.5	4	10	11
Mean	7.2	6.1	6.4	6.4	**5.9**	6.3	6.3	6.6	7.6	9	11.2	12

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. m.
1	9	9	10	9	9	8	9	7	7	6	5	9	8.1	3 20
2	1	1	2	5	5	5	5	6	6	6	7	8	**4.8**	**7 20**
3	6	6	6	5	6	6	6	4	4	10	6	6	5.9	6 35
4	9	10	10	10	10	9	10	9	9	10	9	8	9.4	0 05
5	10	9	9	9	9	9	5	5	6	6	6	6	7.4	5 15
6	8	8	9	9	9	9	10	10	10	10	10	10	9.3	0 45
7	10	10	10	10	10	9	10	10	10	10	10	10	9.9	1 20
8	10	10	10	10	8	10	10	10	10	10	10	10	9.8	0 30
9	10	10	10	10	9	9	10	10	10	10	10	10	9.8	**0 00**
10	10	10	10	9	8	8	10	10	10	10	10	10	9.6	1 45
11	10	10	9	9	8	9	9	10	10	10	10	10	9.5	4 00
12	7	10	9	7	9	2	10	10	10	10	10	10	8.7	0 45
13	10	10	10	10	9	9	10	10	10	10	10	10	9.8	**0 00**
14	10	10	10	10	9	9	10	10	10	10	10	10	9.8	0 05
15	10	9	8	9	9	8	9	10	9	10	9	10	9.2	5 20
16	5	3	4	6	6	8	7	7	7	10	10	10	6.9	5 40
17	10	10	10	10	10	10	7	9	9	7	7	9	9	0 55
18	7	8	9	8	8	9	7	7	7	7	8	10	7.9	4 50
19	9	9	8	8	9	7	7	10	10	10	10	10	8.9	1 15
20	10	6	7	8	8	10	9	10	10	10	10	10	9	2 45
21	8	5	6	5	5	7	9	9	9	9	10	10	7.7	3 10
22	7	8	6	7	7	8	7	7	9	10	10	10	8	6 05
23	7	5	7	7	7	7	8	10	10	10	10	10	8.2	6 20
24	10	9	9	7	8	9	9	10	10	10	10	10	9.2	4 45
25	------	9	7	10	10	10	10	10	10	10	9	9	9.5	1 50
26	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
27	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
28	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
29	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
30	10	10	10	10	10	10	10	10	8	10	9	10	9.8	1 10
31	9	9	8	6	6	7	5	6	5	6	7	7	6.8	6 50
Total														82 40
Mean	8.7	8.5	8.5	8.5	**8.4**	**8.4**	8.6	8.9	8.9	9.3	**9.4**	**9.4**	8.8	2 40

WIND—FORCE IN KILOMETERS PER HOUR.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
8	14.5	**15**	12	10	6	4	5.5	4.5	5	4	1	5.6
14	11.5	15.5	9	**19**	10	5	6	4	3.5	5.5	8	7.5
16	**16**	12	13	11	4	4	4	5	4.5	2.5	2	7
3.5	5	**16**	13	4	1.5	4.5	9.5	9.5	7	4	4	5.4
14.5	13.5	**14.5**	13	8	4	4	1.5	2	1.5	2	8	6.8
9	7	4	4	5	2.5	2	2	1	4.5	8	7	4.6
15	10	7.5	6.5	2.5	2.5	.5	0	0	4	7	5	4.4
17.5	13	5	2.5	3.5	3	3	2	2.5	2.5	7.5	5	5.1
2.5	4	5.5	13	14	11	**19**	16.5	17	7.5	1	.5	6.3
6	6	17.5	4	4.5	1.5	0	1.5	.5	**20**	19.5	8	4.4
5	7.5	11.5	17.5	**34.5**	28	22	14.5	8.5	8.5	7	10.5	11.7
25	**34**	31	25	23	20	17	17	17	10.5	4.5	3	13.2
7.5	2.5	**34.5**	25.5	16	18	15	7.5	2.5	3	4.5	2.5	11.2
2.5	5.5	2.5	2	3.5	5.5	4	4.5	7	4	1.5	.5	3.8
8.5	8	6	3.5	8.5	8	**14**	7	5	8	7.5	3	6.5
13	9.5	12.5	17	17	7.5	**22.5**	17	2	3	5	1	7.5
3.5	8.5	8.5	**10.5**	1.5	1.5	2	1.5	4.5	3	4.5	3.5	**3.4**
8	12	18	12	**19.5**	11.5	8	1.5	1.5	4	1.5	2	6.5
13	14	**27**	9	3.5	1.5	1	.5	2.5	1.5	15.5	17	6.3
17	**36**	33	17	14	12	19	15	21	13	8	2	10.5
10	6	10.5	**13**	9	4.5	10.5	3.5	3	3.5	3.5	2	6.2
9.5	12.5	**18.5**	14.5	14	13	11.5	9.5	7.5	6.5	4	3	6.5
6	7.5	**14.5**	11	6	5	1	0	3	.5	.5	1	4.1
10.5	10	4.5	4	2	2.5	3.5	2	.5	2.5	1	1	3.5
7.5	8	14	9.5	12.5	21	**29**	20	20	5	1	4	8.2
23	27.5	30.5	31	28	34	31.5	**35.5**	24	19	12.5	17.5	18
13.5	16	19.5	22	24	20	14	14	19	33	17	27.5	23.4
27.5	**36.5**	33.5	30	30	31	23	24	17	26.5	25	29.5	26.4
40	49.5	48.5	38	40	39	42.5	39.5	28.5	26.5	26	25	**37.5**
8	5	7	3	7.5	**24**	19	8.5	10	5	11	6	11.6
10	18	18	12	16	8	10	7	9	5	7	**21**	7.2
12.1	14	**16.6**	13.5	13.3	11.7	11.8	9.6	8.4	8.1	7.4	7.5	9.4

FREQUENCY OF THE WIND.

Day.	N.	NNW.	NW.	WNW.	W.	WSW.	SW.	SSW.	S.	SSE.	SE.	ESE.	E.	ENE.	NE.	NNE.	Calm.	Total wind velocity.	Rain-fall.
																		Kms.	*mm.*
1	1	2		1	1					2	2		2		2	2	9	134.5	------
2	1	2	3	3	1										6	3	5	180	4.5
3	3		4	1	1	1			1					2	1	3	7	167	35.8
4	2		2		1			1			1	5				1	11	130	4.4
5	1	2	3	5		1		2						1			9	164	1.8
6			1	3	1						1		2	1	1		14	111.5	6.6
7										1	8	3	1				11	106.5	1.6
8							2			3	3	6					10	123.5	2.3
9					1	3	2	1	3	1	5	1					7	152	7.7
10		1		1	1	3	1					1	3				13	106.5	3.9
11		1	2	1		11	5	2						1	1			281	6.4
12	1	3	4	2	1	6	1		1								5	317.5	2.9
13	2					3	5	6			2	1					5	268.5	16.7
14			1				1		1	2	5	5	3				6	91	7
15				1	1					1	3	3	4	4	2	1	4	156.5	3
16	1		1	1	4	1				1	1	2			5		7	180	9.9
17		3	1		1			1			1	3	1	1			12	**81.5**	9.6
18							1	2	2	4	4	4			2		5	157	------
19					1	1			5	1		2	1	1			12	151.5	16.6
20	1			1	2	2	6	2	1			2	1			3	3	252.5	66.9
21	3		1	3		4	1		1		1		2			1	7	148	48.8
22					2		6	2	1		2		2	3			6	155	8.4
23											5	3	2	4	1		9	99	------
24					2	1					3		2	3	2		11	84.5	23.6
25	1	2	3	4	2	2					1		2			3	4	198	2.6
26				1	1	10	4	3	1								4	431	63.3
27						7	4	8	5									561.5	**88.7**
28							3	19	2									632.5	48.8
29					5	9	5	5										**899**	43.9
30			3	2	3	6	5	2									3	278	26.1
31	1			2		6	4	2									9	173	------
Total	18	16	29	32	32	77	56	58	24	16	48	41	28	21	23	17	208	6,972	561.8
Mean	.6	.5	.9	1	1	2.5	1.8	1.9	.8	**.5**	1.5	1.3	.9	.7	.7	.5	**6.7**	224.9	18.1

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
1	758. 45	0–15a.	31. 5	3–55p.	97	22. 7	755. 25	4–05p.	22. 4	5–35a.	63	19. 5
2	57. 70	10–50p.	**33.3**	1–55p.	**91**	24. 6	54. 45	3–55p.	22. 6	5–20a.	65	**18.5**
3	58. 60	11–00p.	33. 2	2–05p.	95	23. 8	55	3–10p.	22. 6	5–40a.	64	19. 5
4	59	11–15p.	29. 9	2–35p.	97	25. 1	55. 75	4–45p.	22. 7	5–50a.	72	20. 3
5	58. 90	0–20a.	32. 6	3–05p.	97	23. 7	55. 55	4–10p.	23. 1	5–35a.	66. 5	20. 2
6	58. 65	0–05a.	29. 2	3–15p.	93	22. 6	55. 90	3–45p.	23	5–35a.	71	19. 8
7	58. 05	9–10a.	29. 7	0–25p.	98	22. 8	56. 05	3–50p.	22. 9	1–05a.	75	20
8	58. 95	10–20p.	30	10–50a.	95	23. 2	56. 45	3–25a.	23. 5	11–35p.	73	20. 6
9	58. 95	10–05p.	30	0–55p.	96	**22.3**	56. 35	3–30p.	22. 4	11–15p.	70	19. 6
10	58. 70	0–05a.	30. 8	1–35p.	97	23. 2	56. 23	5–00p.	22	4–50a.	66	19. 5
11	58	0–05a.	31. 2	0–40p.	92	**22.3**	55. 55	3–40p.	24	6–05a.	66	20. 3
12	57. 55	8–35a.	29. 5	11–15a.	93	22. 4	55. 30	3–25p.	23. 3	11–55p.	77	20. 3
13	58. 95	10–00p.	28. 6	11–50a.	96	23. 2	55. 35	3–35a.	23	3–05a.	79	19. 7
14	59. 60	10–40p.	29. 7	1–10p.	97	23	56. 65	3–40p.	22. 5	3–05a.	71. 5	19. 7
15	**60.60**	10–20p.	32. 2	1–35p.	98	23. 5	57. 15	3–05p.	22. 5	11–55p.	66	19. 5
16	**60.60**	8–40p.	32. 1	2–55p.	97	22. 7	57. 15	3–25p.	**21.9**	5–30a.	64	19. 5
17	59	0–05a.	29. 5	2–20p.	97	23. 1	55. 60	4–30p.	23	0–05a.	77	20. 3
18	59. 40	11–00p.	32. 4	1–30p.	97	22. 7	55. 70	2–45p.	22. 7	4–55a.	65	20. 5
19	**60.60**	10–45p.	32. 3	0–45p.	94	22. 9	57. 60	1–25p.	23	11–55p.	66	20. 1
20	59. 80	11–00a.	30. 1	11–40a.	**99**	22. 8	**57.84**	4–00p.	22. 5	4–15a.	72	20. 1
21	59. 05	0–05a.	30	1–30p.	**99**	22. 7	56. 50	3–55p.	22. 9	11–35p.	74	20. 3
22	59. 15	10–15p.	31. 7	1–35p.	97	23	56	2–25p.	22. 3	5–45a.	69	20. 2
23	58. 55	0–05a.	32. 9	2–20p.	97	23. 7	55. 85	2–40p.	23. 2	5–45a.	**61**	21. 3
24	57. 40	0–10a.	31. 5	1–05p.	95	23. 7	55. 20	5–05p.	23. 6	5–55a.	69	21. 2
25	56. 50	0–15a.	29. 7	3–20p.	94	23. 5	54. 75	4–15a.	23. 8	3–20a.	76	20. 8
26	56. 15	10–40p.	28. 2	4–30p.	97	23. 5	53. 70	4–00p.	23. 4	7–50p.	80	21. 1
27	55. 95	11–40a.	**26.7**	9–55p.	97	22. 8	53. 45	4–20p.	23. 6	7–20p.	**87**	20. 9
28	**54.20**	0–05a.	28. 5	1–05p.	97	23	51. 20	4–30p.	**24.4**	0–30a.	80	21. 4
29	54. 95	9–45p.	27. 8	10–25a.	95	23. 5	**50.05**	3–55a.	22. 6	4–55a.	83	20. 3
30	58	9–40a.	28. 9	3–40p.	97	23. 5	54. 85	0–15a.	22. 9	9–05a.	81	20. 7
31	58. 60	11–00p.	31. 2	2–50p.	95	**25.9**	56. 25	3–45p.	23. 5	5–30a.	78	**21.7**
Mean	758. 34	--------	30. 5	--------	96	23. 3	755. 44	--------	23	--------	71. 8	20. 2

DAILY GENERAL REMARKS.

1----d° 10.30 a.; ⛈° SE, SW, NW in the evening.
2----T E in the forenoon; ●, ⛈ SW quad., then successively to the NW and N quad. in the afternoon.
3----⊕, heavy thundershowers, came from SE quad., in the afternoon; ↯ SW, W in the evening.
4----●° especially in the morning; ⊕ p.
5----○° a.; T N in the afternoon; ● at midnight.
6----● during the early morning and at night; ○° a.
7----●°, ○° a.; d° 3p.
8----d in the morning, afternoon and night.
9----d, ○° in the morning; T SW in the afternoon; ● at night.
10----○° a.; p p.
11----≡ a.; somewhat gusty WSW winds in the afternoon; ● at night.
12----○° a.; ● p.
13----Frequent ● or d with somewhat gusty SWly winds.
14----d° in the morning; ⛈ S in the afternoon; ● p.
15----Bands of Ci.–S. extended from N to S early in the morning; ○ a. p.; local ⛈, came from E quad.; ● in the evening.
16----Filaments of Ci. extended from N to S early in the morning; ⛈ E, SSW, NW, ● in the afternoon and evening.
17----● a.; ○, d, T S in the afternoon.
18----○ a.; ⛈ SW quad. in the afternoon.
19----○ a.; ⛈ W, d in the afternoon; ↯ W in the evening; ● at night.
20----●° in the early morning; d° 4 p.; ● at night.
21----Heavy thundershowers in the afternoon; ↯ W in the evening.
22----○° a.; T NNE, SE in the afternoon; d° 6 p.; ● at night.
23----○ a.; ⛈ NE, d° in the afternoon
24----○ a. p.; thundershowers in the afternoon; ⌓ in the evening.
25----●°, ⛈ NNE in the forenoon; ⛈ SSE, ○, convergence of Ci. toward NE in the afternoon; ●° in the evening and night.
26----Rainy weather especially in the morning with some gusty SWly winds.
27----Somewhat squally and rainy weather with some thunders.
28----As yesterday.
29----Do.
30----Rainy in the morning; d, ⌓ in the evening.
31----Coloration of upper clouds at sunset.

OBSERVATIONS FOR AUGUST, 1909.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	58.10	57.70	57.45	57.45	57.65	57.78	57.90	57.92	**58.29**	58.23	57.87	57.64
2	57.25	57	56.60	56.55	56.50	56.57	56.72	56.87	57.04	57.07	57.07	56.87
3	56.90	56.80	56.75	56.50	56.40	56.69	56.94	56.69	57.09	57.20	57.07	56.84
4	57.55	57.40	57.20	56.90	57	57.29	57.41	57.72	57.64	57.87	57.55	57.10
5	57.85	57.65	57.40	57.45	57.45	57.13	56.90	57.84	58.28	58.22	57.99	57.48
6	58	57.85	57.45	**57.10**	57.35	57.57	58.14	58.38	58.17	58.22	58.11	58.12
7	58.55	58.15	58.05	58.15	57.85	57.89	58.13	58.43	58.71	58.71	58.68	58.11
8	59	58.55	58.40	58.20	58.45	58.83	59.04	59.47	**59.51**	59.46	59.34	58.66
9	58.70	58.60	**58.30**	58.50	58.75	58.98	59.30	59.82	59.90	59.87	59.87	59.50
10	59.85	59.10	58.90	59.05	59.25	59.27	59.64	59.86	59.69	59.87	59.63	59.29
11	59.50	59	58.90	58.85	58.90	59.14	59.43	**59.67**	59.57	59.39	58.98	58.57
12	58.40	57.95	57.90	57.85	58	58.25	58.57	58.74	**58.84**	58.73	58.52	58.02
13	58.15	57.80	58	58	58.20	58.45	59.19	59.44	59.74	59.64	59.42	58.93
14	59.30	59.15	58.75	58.70	58.60	59.02	59.40	59.72	59.62	59.48	59.36	59.03
15	**59.60**	59.10	58.70	58.50	58.50	58.59	58.88	59.18	59.35	59.32	59.18	58.73
16	58	57.60	57.35	57.30	57	57.49	57.84	58.10	**58.16**	58.05	58.04	57.43
17	57.20	57	56.80	56.80	56.75	57.20	57.99	58.12	58.07	57.94	57.71	57.44
18	58.10	58.05	57.80	57.90	57.90	58.03	58.32	58.32	59.04	58.99	59.07	58.63
19	59.30	58.90	58.70	58.60	58.60	58.83	59.30	59.72	**60.07**	59.79	59.71	59.21
20	**59**	58.55	58.50	58.60	58.60	58.77	58.77	58.82	58.79	58.85	58.59	58.24
21	58.25	57.80	57.90	57.85	58.20	58.40	58.80	59.29	59.24	59.24	58.81	58.04
22	58.60	58.20	58.35	58.50	58.60	58.84	59.23	59.30	59.14	58.86	58.52	58.01
23	58.65	58.40	58.35	58.40	58.40	58.81	59.11	59.51	**59.54**	59.44	59.15	58.59
24	58.40	58.35	58.35	58.35	58.50	58.77	59.17	**59.48**	59.39	59.17	58.97	58.57
25	58.45	58.25	58.30	58	58.20	58.37	58.77	58.97	**59.09**	58.94	58.63	58.29
26	57.75	57.50	57.30	57.55	58.05	58.34	58.29	58.57	58.47	58.13	57.78	57.17
27	58	57.80	57.65	57.90	58.25	58.48	59	59.09	59.07	59.06	58.62	57.87
28	58.50	58.45	58.20	58.20	58.15	58.31	58.82	59.16	**59.35**	59.25	58.94	58.51
29	58.35	58.10	57.95	57.75	57.75	57.86	58.05	58.28	58.74	58.49	58.31	57.96
30	57.95	57.70	57.65	57.70	57.75	57.81	58.01	58.84	58.84	58.67	58.31	57.77
31	57.85	57.70	57.40	57.25	57.80	58.02	58.50	58.89	**58.90**	58.67	58.57	58.09
Mean	58.36	58.07	57.91	57.88	57.98	58.19	58.50	58.78	58.88	58.80	58.59	58.15

TEMPERATURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	**25**	25.1	**25**	**25**	25.2	**25**	26.2	27.1	27.8	28.6	29.1	**29.8**
2	26.3	26.1	26.7	26.2	25.7	25.9	27.5	28.8	29.5	28.7	29.7	30.2
3	25	24.6	24.4	**24.2**	**24.2**	24.3	25.3	26.4	27.4	28	29.4	29.9
4	25.3	25.4	24.5	24.1	**24**	24.1	25	27.5	28.3	28.2	28.8	29.3
5	25.6	25.4	25.5	25.4	25.3	25.3	**25**	26.5	27	27.8	29.5	**30.3**
6	**25**	25.3	25.4	25.3	25.2	25.1	25.5	**25**	28.2	29.1	30	30.3
7	26.8	27	26.5	25.6	**25.3**	25.7	26.6	28.6	29.2	29.8	30	30.2
8	26.5	26.3	26	**25.8**	26.3	26.5	27.5	28.3	29.1	29.7	30.1	30.5
9	26.2	24.7	24.4	24.4	24.3	**24**	26.5	28.1	28.8	29.6	29.8	29.7
10	27.4	**26.6**	26.8	27.5	27.3	27.4	27.8	28.3	29.4	29.5	29.7	30.3
11	27.1	27.3	27.2	27.3	26.1	**25.6**	26.5	27.9	29.3	29.6	30	30.6
12	27.3	26.6	25.6	25.3	25.1	**24.9**	25.6	27.1	28.6	29.2	29.8	30.4
13	25.8	25.4	25.3	25.3	25.2	**25**	26.3	28	27.7	29	29.8	30.3
14	24.7	24.7	24.6	24.6	24.4	**24.2**	26.3	28.6	30.1	30.7	30	31.1
15	24.6	24.3	23.9	**23.5**	**23.5**	23.6	25.4	27.2	28	29	29.2	29.9
16	26.6	26.9	25.9	25.8	25.2	**25**	**25**	27	26.6	28.5	29.4	29.5
17	25.5	25.4	25.3	**24.9**	25	25.1	27.1	28	28.9	29.3	29.6	30.3
18	25.1	24.7	24.5	24.4	24.3	**24.2**	25.6	27.5	27.7	29.1	28.6	30
19	25.6	25.7	25.5	24.8	24.7	24.5	25.2	26.5	28.2	28.6	28.8	29.4
20	**23.6**	23.7	**23.6**	**23.6**	**23.6**	23.7	25.5	27.7	27.3	29	29.2	29.9
21	25.3	25	24.4	24.2	24.1	**24**	24.8	27	28.8	29.5	30	31.1
22	24	23.8	**23.5**	**23.5**	23.6	**23.5**	25.4	27.4	29.4	29.6	29.8	31.1
23	24.4	24.2	24	23.8	**23.5**	23.8	24.9	26.6	27.9	28.5	29.6	30.7
24	24.5	24.1	23.5	23	23	**22.6**	26.1	28.7	30.2	29.7	31	31
25	24.4	24.5	23.7	22.9	22.2	**21.7**	24.6	28.2	29.5	30	29.9	31
26	26.1	25.5	24.9	24.7	24.4	**24**	25.7	26.7	28.3	29.7	29.8	30.3
27	25.5	25.1	24.7	24.4	**24.1**	24.2	25	26.7	29.1	29.2	30.5	31.1
28	25.1	24.7	24.1	23.6	**23.5**	23.6	24.3	25.3	27.5	29.2	29.7	30
29	25.3	25.2	25.2	24.6	**24.4**	**24.4**	26.4	29	30.1	30.3	31.4	31.8
30	24.5	24.1	24	23.8	23.8	**23.7**	25.2	28	28.8	28.8	30.4	30.9
31	25.2	24.6	24.3	24.1	23.9	**23.8**	25.7	28.2	29.4	**30.3**	30.2	28.3
Mean	25.5	25.2	24.9	24.7	**24.5**	**24.5**	25.8	27.5	28.6	29.2	29.8	30.3

ATMOSPHERIC PRESSURE, 700 mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
57.19	56.70	56.52	56.48	**56.44**	56.58	56.79	57.25	57.85	58.05	57.90	57.60	57.47
56.43	56.16	55.81	55.69	**55.50**	55.68	56.38	56.65	56.90	57.15	**57.55**	57.25	**56.64**
56.57	56.06	55.84	**55.41**	55.67	56.14	56.21	56.85	57.15	57.70	**57.90**	57.85	56.72
56.57	56.02	**55.89**	56.03	56.12	56.57	56.88	57.35	57.65	57.90	**58.05**	58	57.15
57.24	57.01	56.56	**56.42**	56.52	57.08	57.77	57.90	58.30	58.45	**58.50**	58.25	57.57
58.03	57.77	57.62	57.32	57.22	57.83	58.12	58.45	58.90	**59.45**	**59.45**	59.25	58.08
57.48	57.36	57.06	**56.90**	56.93	57.40	57.91	58.45	59.05	59.10	**59.40**	59.30	58.16
58.22	57.67	57.58	**57.23**	57.30	57.54	58.04	58.75	59.35	59.50	59.40	59.20	58.61
59.24	58.87	58.55	58.42	58.74	59.19	59.61	59.90	60.30	**60.55**	**60.55**	60.45	**59.35**
58.87	58.46	58.24	**58.08**	58.13	58.37	59.04	59.60	60.10	**60.35**	60.30	60.05	59.29
58.07	57.65	57.32	**57.04**	57.10	57.45	57.83	58.45	58.80	59.35	59.30	58.80	58.63
57.53	56.86	56.45	**56.41**	56.45	56.64	57.13	57.70	57.90	58.15	58.20	58.20	57.81
58.27	57.81	57.59	**57.36**	57.47	57.79	58.66	59.15	59.85	**59.95**	59.85	59.65	58.68
58.30	57.99	**57.32**	57.76	58.30	58.37	59.11	59.65	59.95	60.10	**60.15**	60	59.05
58.10	57.55	57.12	56.92	**56.62**	56.68	57.37	58.10	58.25	58.35	58.30	58.30	58.30
56.91	56.48	56.25	**55.94**	55.95	56.08	56.34	56.70	57.20	57.65	57.55	57.45	57.20
56.97	56.41	56.01	**55.95**	56.01	56.88	57.45	57.80	58.75	**58.85**	58.50	58.40	57.38
57.89	**57.32**	57.77	57.58	57.77	58.18	58.36	59	59.40	**59.90**	**59.90**	59.80	58.46
58.58	58.12	57.58	**57.51**	57.68	57.82	58.41	58.85	59.45	59.70	59.75	59.35	58.90
57.34	56.98	56.70	**56.68**	56.85	57.26	57.53	57.85	58.65	58.90	58.80	58.65	58.18
57.54	**57.12**	57.16	57.53	57.82	58.27	58.52	59.05	59.35	**59.75**	59.50	58.95	58.43
57.56	57.11	**56.70**	57.52	57.47	58.07	58.57	59.40	59.70	**59.80**	59.70	59.15	58.54
57.84	57.23	56.90	**56.79**	56.85	57.31	57.77	58.40	58.85	59.15	59	58.55	58.37
58.21	57.65	57.29	**56.95**	57.04	57.37	57.96	58.15	58.85	58.95	58.80	58.70	58.39
57.73	56.85	56.44	**56.32**	56.55	57.12	57.47	57.75	57.90	58.30	58.20	57.85	57.95
56.57	56.10	56.01	**55.96**	56.47	56.97	57.45	58	58.40	**58.80**	58.40	58.10	57.59
57.28	56.52	56.27	**56.09**	56.63	57.25	57.64	58.25	58.90	59.20	**59.45**	58.65	58.04
57.59	56.85	56.57	56.42	56.49	**56.31**	57.57	57.95	58.35	58.65	58.60	58.55	58.07
57.20	56.74	56.86	**56.66**	56.72	56.92	57.38	58	58.65	**58.85**	58.65	58.40	57.86
57.29	56.83	56.29	**55.94**	56.21	56.96	57.39	57.60	58.05	58.35	**59**	58.40	57.72
57.26	56.84	56.81	56.67	**56.65**	56.87	57.29	57.80	58.30	58.70	58.65	58.25	57.82
57.61	57.13	56.87	**56.77**	56.89	57.26	57.74	58.22	58.68	**58.95**	58.94	58.69	58.08

TEMPERATURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
29.3	28.9	28.7	29.3	29	27.8	26.6	26.7	26.5	26.4	26.3	26.3	27.1
30.5	30	29.9	29.2	28.6	28.1	26.4	27.1	26.1	26.2	25.9	**25**	27.7
30.1	29	28.2	28	28.6	27.5	27.2	27.1	26.5	26.4	25.7	26.4	26.8
29.5	**29.6**	**29.6**	28.4	28	27	27.1	26.8	26.2	25.9	25.6	25.4	26.8
27.8	28.8	29	27.8	28.1	26.9	27.1	27.1	26.8	27	25.8	25.1	26.9
30.4	29.8	27.9	28.6	28.8	27.6	27.4	27.3	27.1	27.1	27.1	26.7	27.3
30.7	**31**	30.6	30	29	27.7	27.3	27.2	27.1	27	26.9	26.9	28
31.1	30.7	30.4	30.4	29.7	28.3	27.8	27.7	27.6	27.4	27.2	26.6	28.2
30.2	**30.6**	30.1	30.1	29.5	28.5	28.3	28	28	27.6	27.6	27.5	27.8
31.3	30.8	30.8	29.2	29.2	28.3	28.1	28	27.9	27.7	27.4	27.3	**28.5**
31.2	31	30.9	30.4	29.8	28.4	28.1	27.9	27.8	27.8	27.5	27.1	28.4
31	30.9	30.8	30.5	29.8	28.1	27.7	27.6	27.5	27.4	26.8	26.4	27.9
31.2	31.1	**31.2**	**31.2**	30.2	28.5	27.8	27.6	26.9	25.7	25.2	**25**	27.7
32.1	32.6	**32.9**	30.7	29.4	28.8	26.5	25.8	25.5	25.4	25.1	24.8	27.6
30.3	**30.6**	30	29.7	29.4	28.2	27.9	27.9	27.8	27.9	28	26.5	27.3
30.2	30.8	30.4	**31.1**	30.1	28.8	28.2	28.1	27.8	26.1	26.4	26.7	27.8
30.6	**30.7**	30.5	29.4	29.3	28.3	27.5	27.4	26.8	26.6	26.2	25.6	27.6
31	29	27.4	27	27.2	26.9	26.4	26.3	26.4	25.7	25.3	24.9	**26.6**
29.8	**30.5**	**30.5**	30.4	29.6	27.7	26.4	26.1	25.7	25.4	25.1	**23.8**	27
31.4	31.3	30	29.7	29.1	28.2	27.9	27.4	26.6	26.3	26.2	26	27.1
31.4	31.1	29.9	27.2	26.1	25.6	25.2	25	24.8	24.4	24.5	24.2	**26.6**
31.8	31.9	**32.9**	28.2	26.3	25.6	25.4	25.2	25.6	25.2	24.9	24.7	26.8
31.8	**33.1**	32.6	32.6	32.6	30.2	28.4	27.2	26.2	26	25.8	25.1	27.6
31	**32.4**	32.3	**32.4**	31.7	29.2	28.2	27.6	26.8	25.9	25.5	24.8	27.7
32.2	32.6	33.2	**33.3**	31.7	30.2	29.4	28.4	27.9	27.2	27.4	26.6	28
30.6	**31.8**	**31.8**	31.6	31.4	29.5	28.5	28.1	27.5	26.8	26.5	26	27.9
31.9	33	32.5	**33.2**	31.7	30.3	27.1	27	26.1	24.8	25	25.5	27.8
31	**31.5**	29.8	27	27	26.9	26.7	26.2	25.9	25.8	25.7	25.5	**26.6**
32.7	31	29.3	26.5	26.9	26.7	26.5	26.3	26.2	25.8	25.2	24.7	27.3
30.5	30.6	**33.1**	28	28.2	27.5	26.9	26.5	26.3	26.1	25.8	25.3	27.1
27.1	28.8	29.5	29.5	29.2	27.9	27.4	26.3	25.8	25.2	25	24.9	26.9
30.7	**30.8**	30.5	29.6	29.2	28	27.3	27.1	26.7	26.3	26.1	25.7	27.4

RELATIVE HUMIDITY.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	93	95	94	95	95	**97**	92	90	85	83	82	81
2	94	93	90	92	93	**95**	87	81	76.5	78	79	76
3	93	**94**	92	91	92	93	91	86	81	77	**75**	77
4	93	93	92	95	**96**	**96**	95	94	83	79	75.5	75
5	90	88	87	88	90	89	90	84	83	83	76.5	**74**
6	**98**	96	97	97	**98**	**98**	**98**	92	81	77	71	**70**
7	86	84	87	92	**93**	90	90	82	78.5	75	69	70
8	86	87	87	**88**	82	82.5	80	77	76	74	71	70
9	86	**93**	91	91	91	**93**	84	78	76	72	71	75
10	81	**84**	83	78	**84**	81	82	78	76	75	72.5	73
11	83	81	83	82	88	**90**	88	83	74	71	71	72
12	82	86	91	93	93	**94**	92	85	77	74	74	72
13	92	95	94	93	94	**96**	90	84	82	76	76	74
14	95	94	94	94	**96**	**96**	90	78	71	70	69	67
15	92	91	95	**96**	95	94	88	83.5	79	74	74	**71**
16	87	84	91	85	94	**95**	**95**	90	88	77.5	68	69
17	91	91	91	91	**92**	**92**	85	82	76	72	73	74
18	92	**94**	92	92	93	93	91	84	84	80	78	74
19	90	88	89	91	91	89	91	86	79.5	75	73	72
20	96	**97**	**97**	**97**	**97**	**97**	92	82	83	79	76	73
21	92	92	91	92	93	**94**	91	82	75.5	75	69	**66**
22	**91**	90	90	**91**	90.5	90	88	81	74.5	72	71	65
23	88	89	89	87	89	**91**	87	80	76	75	72	66
24	89	91	92	94	94	**95**	84	71	65.5	66	64	63
25	89	87	91	93	93	**95**	82.5	67	68	66	59	58
26	85	88	**90**	88	**90**	89	86	80	76	67	70	66
27	88	84	86	87	90	**91**	88	83	71	71.5	68	67
28	88	88	91	90	90	90	89	85	79	71.5	71	70
29	**93**	91	88	92	91	90	86	74	71	72	65	**64**
30	92	94	**95**	94	93	93	88	79	76	75	70	69
31	83	87	88	88	90	91	88	79	73	**64**	70	79
Mean.	89.6	90	90.6	90.9	92	**92.2**	88.7	82	77.3	74.1	71.7	70.7

VAPOR PRESSURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	**22**	22.5	22.1	22.4	22.6	22.8	23.2	23.9	23.6	24	24.5	**25.2**
2	23.7	23.3	23.5	23.2	22.9	23.6	23.6	23.8	23.4	22.9	**24.4**	24.2
3	22	21.6	21	**20.5**	20.7	21	21.8	21.9	21.8	21.7	22.9	**24**
4	22.3	22.5	**21.1**	**21.1**	21.2	21.4	22.4	**25.5**	23.7	22.4	22.2	22.7
5	22	21.3	**21**	21.1	21.5	21.4	21.2	21.6	22.1	23.1	23.4	23.6
6	22.9	23	23.3	23.1	23.2	23.1	**23.6**	**21.7**	23	23.1	22.5	22.5
7	22.4	22.3	22.4	22.4	22.3	22.1	23.4	**23.8**	23.6	23.2	21.8	22.4
8	22	22.1	21.7	21.6	20.8	21.2	21.8	21.9	22.7	22.9	22.4	22.8
9	21.8	21.5	20.8	20.8	**20.6**	20.7	21.6	22	22.4	22.3	22.2	**23.1**
10	22.1	21.8	21.8	**21.2**	22.7	22.1	22.6	22.3	23	22.8	22.4	23.3
11	22.3	21.9	22.2	22.1	22.1	22	22.6	23.2	22.3	21.9	22.5	23.4
12	22.1	22.2	22.1	22.2	22.1	**22**	22.4	22.7	22.3	22.2	23.1	**23.3**
13	22.7	22.9	22.6	22.3	22.4	22.5	22.8	23.5	22.7	22.5	23.6	23.6
14	21.9	21.8	21.6	21.6	21.7	21.5	22.8	22.7	22.6	22.9	21.7	22.7
15	21.1	20.6	20.9	20.6	20.4	**20.3**	21.3	22.4	22.1	22	22.3	22.3
16	22.6	22.1	22.6	21.1	22.4	22.4	22.4	**24**	22.7	22.4	**20.8**	21.2
17	22	21.9	21.8	**21.2**	21.6	21.9	22.7	22.9	22.5	21.9	22.5	23.6
18	21.7	21.8	21.1	21	21	**20.9**	22.1	22.8	23.3	**23.9**	22.7	23.4
19	22	21.7	21.7	21.1	21	**20.3**	21.6	22.2	22.5	21.9	21.4	22.1
20	**20.7**	21	20.9	20.9	20.9	21	22.2	22.7	22.3	23.6	23	23
21	21.9	21.6	20.8	20.7	20.8	20.8	21.1	21.7	22.2	22.8	21.8	22.3
22	20.1	19.7	**19.5**	19.6	19.6	**19.5**	21.3	21.8	**22.6**	22.3	22	21.8
23	20	19.9	19.7	**19.1**	**19.1**	19.8	20.5	20.6	21.1	21.6	22.1	21.7
24	20.3	20.4	19.8	19.6	19.6	**19.3**	21.1	20.9	20.9	20.4	21.2	21.1
25	20.2	20	19.7	19.3	18.5	18.2	18.9	19	20.8	20.9	18.5	19.4
26	21.4	21.4	21	20.4	20.4	19.7	21.1	20.9	21.7	20.8	21.8	21.2
27	21.4	20	**19.8**	**19.8**	20	20.3	20.8	21.7	21.4	21.5	22.2	22.4
28	20.7	20.4	20.2	19.4	**19.3**	19.4	20.1	20.4	21.6	21.5	22	22.1
29	22.2	21.6	21.1	21.1	20.8	**20.4**	21.9	22	22.6	23.2	22.2	22.4
30	21.1	21	21	20.6	20.4	**20.2**	20.8	22.1	22.4	22	22.7	23
31	19.9	20.1	19.9	**19.6**	19.8	20	21.7	22.4	22.2	20.7	22.4	22.5
Mean.	21.7	21.5	21.2	**21**	**21**	**21**	21.9	22.3	22.4	22.3	22.3	**22.7**

RELATIVE HUMIDITY.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
78	83	80	79	81	82	88	90	92	93	94	92	**88.1**
74	**74**	77	79	79	82	86	84	85	82	86	93	84
75	76	80	80	78	81	83	83	88	89	90	87	84.7
75	76	**74**	77	79	85	83	85	87	88.5	90	90	85.7
81	76	80	82	78	80	84	84	86	84	93	**98**	84.5
72	75	83	79	75.5	80	82	82	83	85	84	87	85
67	69	72	73	76	79	81	81	83	83	83	83	80.3
69	**69**	**69**	70	73	80	79	79	75	80	81	86	77.9
69	**65**	72	72	75	80	77	79	79	81	81	81	79.7
71	**71**	72	76	75	77	78	77	78	79	81	81	77.6
69	**67**	71	74	71	77	78	79	79	78	81	82	78
69	70	**68**	69	71	79	82	81	81	83	86	88	80.8
71	**69**	70	**69**	**69**	76	80	81	84	91	93	93	83
57	58	60	68	77	80	86	88	85	86	88	90	80.7
71	**71**	74	77	74	79.5	80	80	81	80	79	89	82
70	68	67	**62**	69	73	74	74	76	87	90	87	80
72	74	72	**71**	72	77	81	81	83	83	84	88	81.2
71	79	83	84	81	83	86	87	84	88	89	91	85.5
71	**70**	**70**	**70**	72	79	90	91	90	92	88	**96**	83.1
70	**70**	75	78	80	83	83	85	89	90	90	90	85.4
66	68	76	83	87	88	90	90	90	92	91.5	91	84.4
64	62.5	**60**	72	78	81	84	85	85	86	87	87	80.2
62	**59**	61	62	63.5	71	74	80	82	83	83	87	77.4
60	57.5	**57**	58	62	69	72	76	80	84	87	87	75.8
50.5	**49**	**49**	50	59	70	73	79	78	82	80	85	**73**
62	**55**	59	63	66	74	76	77	80	84	83	85	76.6
63	**60**	**60**	61	68.5	68	87	86	87	86	85	84	77.9
65	**63**	70	88	90	**94**	91	**94**	93	92	92	93	84.5
65	69	76	86	89	90	91	90	89.5	90	**93**	**93**	83.3
70	72	**65**	79	79.5	81	84	86	85.5	85	84.5	85	82.3
83	80	77	76	80	84.5	84	88	91	**92**	**92**	**92**	83.3
68.8	**68.5**	70.3	73.1	75.1	79.5	82.2	83.3	84.2	85.8	86.7	88.4	81.5

VAPOR PRESSURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
23.5	24.5	23.5	23.8	24	22.6	22.7	23.5	23.6	23.7	23.7	23.3	**23.4**
23.9	23.4	24.3	23.9	23	23.3	21.9	22.4	21.4	**20.6**	21.4	22	23.1
23.7	22.5	22.8	22.5	22.7	22	22.2	22.3	22.6	22.7	22.1	22.3	22.1
23	23.3	22.8	22.3	22.1	22.5	22.3	22.2	22	22	22	21.7	22.4
22.4	22.4	**23.7**	22.6	22	21.2	22.4	22.4	22.4	22.3	22.8	23.1	22.2
23.1	23.5	23.2	23	22.2	21.9	22.2	22.1	22.3	22.7	22.4	22.7	22.8
22.1	22.9	23.4	23.1	22.5	**21.6**	21.9	21.8	22	21.9	21.7	21.7	22.4
23.3	22.5	22.3	22.7	22.7	22.7	21.8	21.9	**20.5**	21.7	21.8	22.3	22.1
22	21.3	22.9	22.9	22.8	23	22.1	22.3	22.1	22.3	22.1	22.2	22
24	23.4	23.7	23	22.6	22.1	22	21.7	21.8	21.6	22.1	21.7	22.4
23.5	22.5	23.4	**23.7**	22.2	22	22	22.2	22	**21.6**	22.2	21.8	22.4
22.9	23.2	22.4	22.4	22.2	22.4	22.7	22.3	22.2	22.5	22.6	22.4	22.5
23.9	23.3	23.6	23.2	**22**	**22**	22.2	22.1	22.1	22.3	22.2	**22**	22.7
20.1	21.3	22.1	22.2	**23.5**	23.4	22	21.6	20.7	20.7	20.7	20.9	21.9
22.7	23.1	23.4	**23.7**	22.5	22.5	22.3	22.3	22.4	22.3	22.1	22.8	22
22.4	22.4	21.6	21	22	21.4	21.2	**20.8**	21	21.8	22.9	22.7	22
23.6	**24.2**	23.2	21.6	21.7	22.1	22	21.8	21.8	21.4	**21.2**	21.6	22.2
23.7	23.6	22.5	22.3	21.8	22	22	22.1	21.5	21.7	21.4	21.2	22.1
22.2	22.6	22.8	22.7	22.1	21.9	**22.9**	**22.9**	22.1	22.1	20.9	20.9	21.9
23.8	23.8	23.8	**24.1**	23.9	23.6	23.2	23	23	22.9	22.8	22.5	22.6
22.5	22.8	**23.8**	22.2	21.8	21.6	21.4	21.2	20.9	21	20.9	**20.3**	21.6
22.4	21.9	22.4	20.5	19.8	19.8	20.2	20.3	20.8	20.5	20.3	20.2	20.8
21.6	22	22.2	22.6	**23.2**	22.8	21.2	21.4	20.8	20.7	20.5	20.5	21
20	20.8	20.4	21	**21.5**	20.7	20.5	20.8	20.8	20.8	21	20.2	20.5
18.1	**17.8**	18.5	19	20.6	22.4	22.2	**22.7**	21.8	21.9	21.7	21.9	**20.1**
20.3	**19.3**	20.6	21.9	**22.7**	22.6	22	21.6	21.8	22	21.4	21.3	21.2
22.2	22.3	21.8	23.1	**23.7**	21.9	23.1	22.7	21.8	19.9	20	20.3	21.4
21.6	21.6	21.8	23.3	24	**24.6**	23.7	23.6	23	22.7	22.5	22.4	21.7
24	22.9	22.9	22.2	23.4	23.5	23.4	22.9	22.6	22.3	22.2	21.5	22.3
22.6	23.4	**24.5**	22.1	22.5	22.2	22.1	22.2	21.7	21.4	20.8	20.4	21.8
22.3	23.7	23.7	23.2	**24**	23.6	22.9	22.3	22.4	21.8	21.7	21.6	21.8
22.5	22.5	**22.7**	22.5	22.5	22.3	22.2	22.1	21.9	21.8	21.7	21.7	22

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	A.-Cu.	E	Ci.-S.	-----	Ci.-S.	-----	A.-Cu.	-----	A.-Cu.	-----	Ci.	-----
2	Ci.	SE	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----
3	-----	-----	Ci.	-----	A.-Cu.	-----	-----	-----	-----	-----	A.-Cu.	-----
4	Ci.-S.	-----	Ci.-S.	NE	-----	-----	A.-Cu.	-----	A.-Cu.	-----	A.-Cu.	-----
5	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	A.-Cu.	-----	Ci.	-----	Ci.	-----
6	-----	-----	-----	-----	Ci.-S.	-----	Ci.-S.	-----	A.-Cu.	WSW	Ci.-S.	-----
7	Ci.	-----	-----	-----	-----	-----	Ci.	-----	Ci.	-----	Ci.-S.	-----
8	Ci.-S.	E	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	E	Ci.-S.	E	Ci.-S.	-----
9	Ci.	-----	Ci.	-----	Ci.	NE	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----
10	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----
11	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	ESE	Ci.-S.	-----	Ci.-S.	-----
12	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	ESE	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	E
13	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----
14	Ci.-S.	-----	Ci.-S.	-----	-----	-----	-----	-----	-----	-----	-----	-----
15	A.-Cu.	-----	A.-Cu.	E	A.-Cu.	-----	A.-Cu.	-----	A.-Cu.	-----	Ci.-S.	-----
16	-----	-----	Ci.-S.	E	Ci.-S.	-----	A.-Cu.	NE	A.-Cu.	-----	A.-Cu.	-----
17	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----
18	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----
19	Ci.-S.	SbyE	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----
20	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	-----	-----	Ci.	-----
21	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	E	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----
22	A.-Cu.	NE	Ci.	-----	A.-Cu.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----
23	Ci.	SW	Ci.	SW	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----
24	-----	-----	Ci.	-----	-----	-----	-----	-----	-----	-----	-----	-----
25	Ci.-S.	-----	Ci.	-----	Ci.	EbyS	Ci.-S.	ESE	Ci.	SW	Ci.	-----
26	Ci.	-----	Ci.	-----	Ci.-S.	E	Ci.-S.	EbyS	Ci.-S.	-----	Ci.-S.	-----
27	Ci.-Cu.	N	Ci.-Cu.	N	Ci.-Cu.	-----	Ci.	-----	Ci.	-----	Ci.	-----
28	A.-Cu.	SW	A.-Cu.	-----	A.-Cu.	SW	A.-Cu.	-----	A.-Cu.	-----	A.-Cu.	-----
29	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	SE	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	SSE
30	Ci.-S.	-----	Ci.	-----	A.-Cu.	E	A.-Cu.	E	Ci.	-----	Ci.-S.	-----
31	Ci.	-----	Ci.	-----	Ci.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.	-----	Cu.	WbyS	Cu.	-----	Cu.	-----	Cu.	W	Cu.	-----
2	Cu.	WSW	Cu.	-----	Cu.	WSW	Cu.	-----	Cu.	-----	Cu.	W
3	Fr.-N.	W	Cu.	-----	Cu.	W	Cu.	W	Cu.	-----	Cu.	-----
4	Fr.-Cu.	WSW	Fr.-Cu.	SWbyW	N.-cf.	-----	Cu.	SW	Cu.	SW	Cu.	-----
5	Cu.	NE	Cu.	-----	Fr.-N.	SW	Cu.	NE	Cu.	-----	Cu.	-----
6	Fr.-N.	WSW	Fr.-N.	WSW	Fr.-Cu.	WSW	Cu.	WbyN	Cu.-N.	-----	Cu.	-----
7	Cu.	-----	Cu.	W	Cu.	W	Cu.	W	Cu.	-----	Cu.	-----
8	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	WbyS	Cu.	-----	Cu.	-----
9	Fr.-Cu.	-----	S.-Cu.	W	Cu.	W	Cu.	-----	Cu.	-----	Cu.	-----
10	S.-Cu.	WSW	N.-cf.	W	Cu.	-----	Cu.	-----	N.-cf.	-----	Cu.	-----
11	Cu.	-----	Cu.	-----	Cu.	WSW	Cu.	-----	Cu.	-----	Cu.	-----
12	Fr.-N.	SW	Cu.	W	Cu.	-----	Cu.	-----	Cu.	SW	Cu.	-----
13	Cu.	-----	Cu.	-----	Cu.	W, SSW	Cu.	-----	Cu.	-----	Cu.	-----
14	Cu.	-----	Cu.	E	Cu.	E	Cu.	-----	Cu.	-----	Cu.	-----
15	Cu.	WbyS	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.-N.	-----
16	N.	-----	Cu.-N.	-----	Fr.-N.	-----	Cu.	-----	Cu.	-----	Cu.	-----
17	Cu.	SW	Cu.	-----	Cu.	NW	Cu.	-----	Cu.	-----	Cu.	-----
18	Fr.-Cu.	SWbyW	Fr.-Cu.	-----	N.-cf.	NE	Cu.	NE	Cu.	NE	Cu.	-----
19	Cu.	SW	Cu.	-----	Cu.	SW	Cu.	-----	Cu.	-----	Cu.	-----
20	Cu.	-----	Fr.-Cu.	-----	Cu.	SE	Cu.	E	Cu.	E	Cu.	-----
21	S.-Cu.	E	S.-Cu.	-----	Cu.	NE	Cu.	-----	Cu.	-----	Cu.	-----
22	Cu.-N.	-----	Cu.-N.	-----	S.-Cu.	EbyN	Cu.	E	Cu.	E	Cu.	-----
23	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	E	Cu.	-----
24	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	E	Cu.	SE	Cu.	-----
25	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	E	Cu.	-----	Cu.	-----
26	Cu.	-----	Cu.	SW	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----
27	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	E	Cu.	E	Cu.	-----
28	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----
29	Cu.-N.	-----	Cu.-N.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----
30	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----
31	S.-Cu.	-----	Cu.	-----	Cu.	-----	Cu.	NE	Cu.-N.	NE	Cu.-N.	-----

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Ci.-S.		Ci.-S.		Ci.-S.		A.-Cu.	E	Ci.-S.		A.-Cu.	
Ci.		Ci.	SbyE	Ci.-S.		Ci.	ESE	A.-Cu.			
A.-Cu.		Ci.-S.	E	Ci.-S.		Ci.-S.		Ci.-S.	E, SE	Ci.-S.	
								A.-Cu.			
Ci.-S.		Ci.-S.		Ci.-S.	E			Ci.-S.			
Ci.-S.		Ci.-S.		Ci.-S.	SE	Ci.-Cu.	ESE	Ci.		Ci.-Cu.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
Ci.-S.	E	Ci.-S.	E	Ci.-S.	E	Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	NE	Ci.	NE
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	S	Ci.-S.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
Ci.-S.	E	Ci.-S.		Ci.-S.		Ci.-S.	E	Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
A.-Cu.	E	A.-Cu.	E	Ci.		A.-Cu.		A.-Cu.		A.-Cu.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		A.-Cu.		A.-Cu.	
Ci.-S.		Ci.-S.		A.-Cu.	NE	A.-Cu.	NE	A.-Cu.	E	Ci.-S.	
Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-Cu.	E	Ci.-S.		Ci.-S.		Ci.-S.	E	Cí.-S.	
				Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.-S.	E	Ci.-S.						Ci.-S.	
Ci.						Ci.-S.		Ci.-S.		Ci.-S.	
										A.-Cu.	
		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.	
Ci.		Ci.	NE	Ci.-S.		Ci.-S.		Ci.	E	Ci.	
Ci.-S.	EbyS	Ci.-S.	EbyS	Ci.-S.	EbyS	Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.				Ci.					
Ci.-S.		Ci.-S.	SW	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.	SSE					Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.						Ci.		Ci.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.	W	Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.	
Cu.	W	Cu.		Cu.		Cu.	W	Cu.		Cu.-N.	
Cu.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Fr.-N.	
Cu.		Cu.	W	Cu.	W	Cu.		Cu.	W	Cu.	W
Cu.		Cu.		Cu.-N.		Fr.-N.	WSW	Fr.-N.	WSW	Fr.-N.	WSW
Cu.	WbyN	Cu.	W	Cu.	WbyS	Cu.	WbyS	Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		S.-Cu.	
Cu.		Cu.	W	Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.	W	Cu.		Cu.		Cu.	W	Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.-N.	
Cu.		Cu.		Cu.		Cu.-N.	E	Cu.-N.	NE	Cu.-N.	NE
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.	NW	Cu.	NW	Cu.		Cu.	WSW	Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.-N.		Cu.-N.	
Cu.	NE	Cu.		Cu.-N.		Cu.-N.	ENE	Cu.		Cu.	
Cu.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.	SW	Cu.-N.		Cu.-N.	SW	Cu.-N.	SW, WSW	Cu.-N.		Cu.	
Cu.		Cu.-N.		Cu.-N.		Cu.-N.	NE	Cu.-N.	NE	Cu.-N.	
Cu.	EbyN	Cu.-N.	E	Cu.-N.		Cu.-N.	E	Cu.-N.	E	Cu.-N.	
Cu.	SE	Cu.	EbyS	Cu.	ESE	Cu.	ESE	Cu.		Cu.	
Cu.	NE	Cu.	E	Cu.	E	Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.	SW	Cu.		Cu.	
Cu.		Cu.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.	E	Cu.		Cu.		Cu.	SE	Cu.-N.	SE	Cu.-N.	
Cu.		Cu.-N.		N.	NE	Cu.-N.		Cu.-N.	NE	Cu.-N.	
Cu.		Cu.-N.	SE	Cu.-N.	SE	Cu.-N.		S.-Cu.		S.-Cu.	
Cu.	NE	Cu.		Cu.-N.	NE	Cu.-N.		Cu.		Cu.	
Cu.-N.		Cu.		S.-Cu.		S.-Cu.		S.-Cu.		S.-Cu.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	SW	4	SSW	1.5	S	1.5	S	2.5	SSW	1	Calm	--------
2	SW	2	SSW	3.5	WSW	3.5	SSW	3	SSW	2.5	Calm	--------
3	Calm	--------	Calm	--------	SSW	1	Calm	--------	S	.5	Calm	--------
4	Calm	--------	W	2	Calm	--------	Calm	--------	N	.5	Calm	--------
5	WSW	3	WbyS	3	WSW	4	SW	3.5	SWbyW	3.5	S	1.5
6	Calm	--------	W	3	WSW	3	SW	.5	SW	.5	Calm	--------
7	WSW	4.5	SWbyW	5	S	1.5	S	.5	SSW	1.5	Calm	--------
8	SW	2.5	SSW	1.5	SW	1.5	SW	1	SW	3.5	WSW	5
9	WNW	1.5	Calm	--------	NE	.5	NE	.5	NE	1	Calm	--------
10	SWbyW	4	WNW	1.5	WSW	3.5	WbyS	4.5	WSW	3	WSW	3
11	WSW	2.5	WSW	5	WSW	2.5	WSW	6.5	Calm	--------	Calm	--------
12	WSW	2	SSW	1	Calm	--------	Calm	--------	Calm	--------	Calm	--------
13	SSW	1	SSW	.5	Calm	--------	Calm	--------	Calm	--------	E	.5
14	Calm	--------	SE	.5	SE	.5	Calm	--------	Calm	--------	Calm	--------
15	Calm	--------	Calm	--------	Calm	--------	Calm	--------	N	.5	Calm	--------
16	NWbyW	2.5	NW	1.5	WNW	1	W	3	NW	2	E	.5
17	NW	1	Calm	--------	WNW	1.5	Calm	--------	Calm	--------	E	1
18	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
19	SW	1	SSW	1	SSW	.5	Calm	--------	Calm	--------	SE	.5
20	NNE	.5	NNE	1	NNE	1	Calm	--------	Calm	--------	Calm	--------
21	N	1	N	2	ENE	1.5	ENE	2	N	2	NE	.5
22	ESE	.5	Calm	--------	Calm	--------	NE	2	N	2	NE	.5
23	N	1	N	1	N	1.5	N	2	N	2	N	2
24	E	.5	E	.5	E	1	E	1	E	.5	Calm	--------
25	ESE	.5	ESE	2.5	ENE	1.5	N	2	E	2	E	.5
26	ENE	1	N	1.5	NNE	2	NNE	2	N	2	Calm	--------
27	N	2	N	3.5	N	2.5	N	1.5	Calm	--------	NNE	.5
28	N	1	N	2	N	3	N	3.5	N	3.5	NNE	.5
29	NE	1	NE	1	N	3	N	1.5	N	.5	NNE	.5
30	N	1	N	1.5	N	2	N	2	NNE	2	Calm	--------
31	ENE	1	ENE	1	ENE	1	ENE	1	ENE	.5	N	1
Mean	------------	1.4	------------	1.5	------------	1.5	------------	1.5	------------	1.2	------------	.6

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	WSW	3	SW	4.5	WSW	5.5	WSW	7	WSW	2.5	W	1.5
2	WSW	5	WSW	5.5	WSW	4	WSW	5.5	WSW	7	WSW	5
3	WSW	8	SWbyW	6.5	SWbyW	4	SWbyW	7.5	WSW	3	WSW	3
4	SW	8	WSW	5	SWbyW	5.5	WSW	8	WSW	6	SWbyW	3
5	SWbyW	10	SW	9	WSW	8	SW	7	SW	10	WSW	10
6	WbyS	7	WSW	6	WNW	1	WNW	1.5	WSW	5	WSW	6.5
7	SWbyW	6	WSW	5	WSW	6	SWbyW	4.5	SWbyW	5	SW	4
8	WSW	4.5	SWbyW	6.5	WSW	7.5	WSW	9	WSW	4.5	WSW	4.5
9	SW	5.5	WSW	1.5	SW	5	SW	3	WSW	5.5	WSW	4.5
10	WSW	5	WSW	6	WSW	7	WSW	6	WSW	7.5	WSW	8
11	WSW	6	WSW	6.5	SW	7	SW	6.5	SWbyW	8	SW	6.5
12	WSW	4	WSW	6	SWbyW	3.5	WSW	6.5	WSW	3.5	WSW	4
13	WNW	1.5	W	.5	WSW	2.5	WSW	3	WSW	4	SW	3.5
14	WNW	1.5	W	3.5	W	3	SW	3.5	SW	3.5	SW	2.5
15	WSW	3.5	WSW	5	SW	4	SW	4.5	WSW	3.5	SW	3
16	W	2.5	SW	2.5	WSW	2	WbyS	4.5	WSW	3.5	WNW	2
17	WSW	4	WSW	4.5	WSW	7	SW	7	SW	6.5	SW	7
18	WSW	5	WSW	7.5	SW	8	SW	3.5	SW	3	SSW	.5
19	W	2	WSW	4	SW	2.5	SSW	2.5	SSW	2	Calm	--------
20	W	2	W	2	SSW	2.5	SSW	3.5	SW	1	WSW	2
21	W	4	W	1.5	W	.5	ENE	2.5	NE	1.5	NNE	1.5
22	WSW	4.5	W	4.5	WSW	1.5	NE	5	ENE	1.5	NE	2.5
23	WNW	3	WNW	3	WNW	4	W	1	WSW	1	SbyE	1.5
24	W	3	W	.5	Calm	--------	WSW	1	W	1	Calm	--------
25	WSW	3	WSW	3.5	WbyN	3	WNW	1.5	WSW	1	Calm	--------
26	WNW	2.5	W	2	W	1	Calm	--------	SE	1.5	ENE	.5
27	WSW	3	W	1	WbyN	2.5	W	1	SW	2.5	SW	1.5
28	W	3	W	3	ESE	4	ESE	.5	ENE	.5	NNE	.5
29	SE	2	ESE	2.5	NNE	5.5	ESE	.5	ENE	.5	Calm	--------
30	W	1	Calm	--------	ESE	.5	ENE	2	Calm	--------	ENE	1
31	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
Mean	------------	4	------------	3.8	------------	3.8	------------	3.8	------------	3.4	------------	2.9

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	----------	Calm	----------	Calm	----------	WSW	3	WSW	5	WSW	2
WSW	5	WSW	3.5	WSW	4	WSW	8	WSW	4	WSW	4
WSW	1	SSW	.5	Calm	----------	WSW	.5	WNW	1	WSW	2.5
Calm	----------	Calm	----------	S	2	WSW	6.5	WSW	7	SWbyW	9
SE	.5	S	1	S	1	SW	3	WSW	1.5	WSW	7
Calm	----------	WNW	4	W	1	W	3	WSW	4.5	W	5
Calm	----------	SW	1	WSW	2	WSW	4	WSW	5	SWbyW	5.5
WSW	2	WSW	5.5	WSW	2.5	SW	2	SWbyW	4	WSW	6
Calm	----------	NW	3.5	NW	2	WNW	3	W	2.5	SW	4.5
WSW	4	WbyS	5.5	WSW	6	WNW	4.5	W	.5	WSW	5
Calm	----------	Calm	----------	Calm	----------	WNW	1.5	W	1	WSW	5
Calm	----------	Calm	----------	Calm	----------	W	2	NW	1	W	2.5
ENE	1	E	1	WNW	1	WNW	3	WSW	1.5	WSW	2.5
Calm	----------	NNE	1.5	NNE	2.5	NNE	1	Calm	----------	WNW	3.5
Calm	----------	NNW	1.5	NW	1	SW	1.5	SW	1	W	1.5
Calm	----------	Calm	----------	W	6.5	W	4	W	4.5	W	2.5
E	1	Calm	----------	NW	1.5	WNW	3	WSW	2.5	WSW	4.5
Calm	----------	Calm	----------	Calm	----------	W	2.5	WSW	3.5	WSW	1.5
Calm	----------	SE	.5	Calm	----------	WNW	3	WNW	2	WbyN	2
Calm	----------	Calm	----------	Calm	----------	W	2.5	WNW	.5	W	2.5
NE	1	Calm	----------	NNW	4.5	N	3.5	NW	3	WNW	3.5
NE	.5	NNE	1	NW	2	WNW	3	W	2.5	W	3
NNE	1.5	Calm	----------	W	2	WNW	1	WNW	3	WNW	1.5
Calm	----------	ENE	.5	WNW	2	W	3	W	2	WNW	3.5
Calm	----------	NE	.5	NW	1	NW	1	W	1.5	WbyS	4
NNE	1	NE	1	Calm	----------	N	.5	WNW	1.5	WbyN	2
NE	1	NE	1	Calm	----------	W	3	W	1	SSW	2
NbyE	1.5	NNE	1.5	Calm	----------	NW	.5	WbyS	2.5	W	3
Calm	----------	NE	1	Calm	----------	WNW	2	E	1	SE	2
NNE	.5	Calm	----------	WSW	3	W	2	W	2	W	1.5
NNE	1	Calm	----------	NNE	2	Calm	----------	NW	1.5	SE	2
------------	.7	------------	1.1	------------	1.6	------------	2.6	------------	2.4	------------	3.4

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		12 m. n.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
SW	2.5	SW	2	SSW	3.5	SSW	2	SSW	2.5	SW	2.5	2.5
WSW	3.5	WSW	4	W	3	WbyS	3.5	Calm	----------	Calm	----------	3.7
SWbyW	5	SWbyW	2.5	SW	1.5	SbyW	1	SWbyW	2	Calm	----------	2.1
WSW	3	SSW	2.5	SSW	.5	Calm	----------	Calm	----------	Calm	----------	2.9
WSW	8	SWbyW	5.5	SWbyW	8	WSW	3.5	NNE	1	ENE	.5	4.7
SW	5.5	SWbyW	5	SW	2.5	SWbyW	4	SW	4	WSW	4.5	3.2
WSW	5.5	SWbyW	7.5	SWbyW	7	WSW	6.5	WSW	6.5	WSW	5.5	4.1
WSW	5	W	5	WSW	4	WNW	4.5	W	2	WNW	2	4
WSW	4	WSW	6	WSW	4	WSW	4.5	WSW	5	WSW	4	3
WSW	8.5	WSW	6	WSW	4.5	WSW	5	WSW	3	WNW	3	4.8
SWbyW	7	SWbyW	6	WSW	6	W	1.5	SWbyW	3	NW	3	3.8
WSW	4	SW	5	SWbyW	3.5	WSW	2.5	SSW	1.5	SSW	1	2.2
SW	3.5	SW	3.5	Calm	----------	Calm	----------	Calm	----------	Calm	----------	1.4
NE	1.5	Calm	----------	NE	3	NE	1.5	Calm	----------	Calm	----------	1.4
WSW	4	SW	4.5	SW	3.5	WSW	4	W	3.5	NWbyW	2	2.2
WbyN	2	W	2.5	W	1.5	Calm	----------	SW	1	NW	1	2.2
SW	6.5	SW	7	SW	6.5	SW	4.5	SW	2.5	Calm	----------	3.3
Calm	----------	Calm	----------	SSW	.5	SSW	.5	Calm	----------	Calm	----------	1.5
Calm	----------	Calm	----------	Calm	----------	Calm	----------	NNW	4	NNE	1	1.2
WSW	1.5	Calm	----------	Calm	----------	Calm	----------	Calm	----------	E	1.5	1
Calm	----------	NNE	1	NNE	1	Calm	----------	ESE	.5	Calm	----------	1.6
ENE	1.5	N	1.5	N	2	N	3	N	2.5	N	2	2
SE	3	SE	3	SE	3	SE	2	SE	3.5	SE	1	2
SSE	1.5	S	3	ENE	1	S	1	N	1.5	NNE	1	1.2
SSE	2	SbyE	2	SSE	2	SEbyS	2	E	2	E	1	1.7
SbyW	.5	Calm	----------	NE	1	NE	1	N	2	NE	1	1.1
Calm	----------	NEbyE	1.5	NbyE	5.5	NNE	5	WNW	2	N	1	1.9
N	.5	NNE	1	Calm	----------	NNE	.5	NE	1	NE	.5	1.6
Calm	----------	NE	2	NNE	1.5	NNW	2.5	N	1	Calm	----------	1.3
Calm	----------	Calm	----------	Calm	----------	ENE	1	ENE	1	ENE	1	1
SE	.5	ESE	1.5	E	1.5	E	.5	EbyS	1.5	ESE	1.5	.8
------------	2.9	------------	2.9	------------	2.6	------------	2.2	------------	1.9	------------	1.3	2.3

WIND—FORCE IN KILOMETERS PER HOUR.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	18	8	8.5	5	5.5	3.5	1.5	4	6	10	18	19
2	5	9	16	10	9	5	12	18	17	23	23	21
3	.5	0	1.5	3.5	1	3.5	4.5	6.5	2.5	3	7	13
4	5	2.5	4	0	1	1	0	1	3.5	11.5	28.5	29.5
5	8.5	9	10	14	13	12	3	3	6	5.5	16.5	20.5
6	1	9	8	5.5	3	2	4	10	10.5	6.5	22	30
7	17	19	11	2	4	4.5	.5	5	10.5	15.5	23.5	25
8	15.5	12.5	5.5	4.5	8.5	16.5	15.5	14.5	18.5	16	18.5	19
9	8	1	2	3	5	4	4.5	6.5	13	15	14	21
10	16	9.5	6.5	20	10.5	17	13.5	18	18	22	11	22.5
11	7	22	11	18.5	10	.5	0	4.5	5.5	9.5	12	11
12	14.5	4	1	1	1	1	1	1	.5	5	7	10
13	4	2	2	2	1	1.5	1.5	1	2	3	9.5	9
14	0	1	1	1.5	.5	1	.5	1.5	11	13.5	10	14.5
15	.5	0	0	.5	1.5	2.5	1	2	3	5	2	7
16	8.5	12	2.5	12.5	8	8	4	1	4	21	13	9
17	4	2	3.5	4	3	4	4.5	3.5	7.5	8	16	11
18	2.5	1	1	1	1	1.5	3	2	2.5	5	11	13
19	2.5	5	2.5	1.5	1.5	2	1	1.5	1	6.5	10	8
20	1.5	3	5	1.5	0	.5	.5	0	3.5	7.5	12.5	10.5
21	5	4.5	5	5.5	5	5	6	7	9	12	13	16
22	2	3	2	4.5	9	7	5	6	5	9.5	13.5	13.5
23	4.5	3.5	3	6	6	4.5	8	4.5	4	9	10	14
24	2.5	5.5	4	3	4	3.5	3	2.5	3	7	16.5	17
25	2	5.5	5.5	5	6.5	4	3	2.5	8	9	13.5	12.5
26	5.5	6	6	4.5	4.5	5.5	8	9	7	6	7	9
27	5	10	11	7	3	3	6	5	3	6	8.5	10
28	3	5	9	11.5	11	11.5	7	9	6	5	11	8.5
29	3	3	6.5	6.5	4	3.5	3.5	4	2.5	4.5	5.5	8
30	3.5	6	7	8	7.5	4	3	4	4.5	8.5	9	13
31	6.5	3	3.5	3.5	4	5	5	5	7	6.5	7.5	11.5
Mean	5.9	6	5.3	5.7	4.9	4.8	4.3	5.3	6.6	9.5	12.9	14.7

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. m.
1	7	6	7	5	4	5	6	8	9	8	8	8	6.8	8 25
2	4	5	5	7	7	7	8	8	9	9	9	10	7.3	6 35
3	10	7	7	7	5	7	7	7	8	6	6	9	7.2	5 00
4	4	5	6	9	6	5	4	4	3	8	7	8	5.8	7 25
5	9	9	10	8	6	7	5	6	7	9	7	10	7.8	3 35
6	10	10	9	8	7	7	5	8	6	8	8	7	7.8	7 15
7	5	5	4	4	4	5	5	5	5	5	5	5	4.8	10 20
8	9	9	8	9	9	9	9	9	9	9	9	10	9	8 25
9	3	6	6	7	9	7	10	9	10	9	8	8	7.7	6 50
10	10	10	9	9	9	7	8	8	9	8	8	8	8.6	4 35
11	9	9	7	6	6	6	3	3	2	2	2	3	4.8	9 25
12	9	7	8	7	7	7	6	6	5	4	5	7	6.5	9 00
13	8	8	7	6	8	7	6	6	5	5	4	3	6.1	9 00
14	3	2	3	4	4	5	2	3	5	9	10	9	4.9	8 25
15	8	9	9	9	9	10	9	6	4	4	4	3	7	5 25
16	9	5	9	5	5	7	7	8	9	9	8	8	7.4	6 25
17	8	8	4	4	5	5	2	3	5	6	6	8	5.3	9 25
18	4	4	5	6	5	6	7	9	10	10	9	9	7	5 25
19	10	9	9	10	8	8	6	6	5	6	9	10	8	5 55
20	2	2	3	2	3	4	4	7	8	9	8	9	5.1	8 00
21	6	8	9	7	9	6	5	6	9	10	9	10	7.8	6 10
22	3	2	3	6	5	5	3	4	6	8	8	7	5	8 35
23	2	1	1	1	3	2	2	3	4	5	5	6	2.9	11 00
24	2	3	3	4	6	6	4	3	3	4	3	3	3.7	11 15
25	2	2	3	4	3	3	4	3	5	6	5	8	4	10 50
26	8	8	8	9	9	9	7	7	7	7	7	9	7.9	1 25
27	4	3	2	4	4	4	3	4	4	5	7	8	4.3	9 20
28	8	8	8	8	8	8	6	7	9	9	7	9	7.9	4 15
29	2	1	3	4	5	6	6	7	8	9	8	7	5.5	7 05
30	2	2	4	6	6	6	6	8	8	8	6	5	5.6	6 55
31	5	7	8	8	8	9	10	10	10	10	9	9	8.6	3 35
Total														225 15
Mean	6	5.8	6	6.2	6.2	6.3	5.6	6.2	6.6	7.2	6.9	7.5	6.4	7 16

WIND—FORCE IN KILOMETERS PER HOUR.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
25	24	**26.5**	23.5	17	19.5	11.5	14	8	8	4	9	12.4
24	24	**27**	25	20.5	19.5	23	16	22	12.5	7.5	.5	16.2
24	26	24	**27**	22	18	20	13.5	4	4	3.5	12.5	10.2
33	26	29	30	30	24	20	13.5	5.5	1	1	.5	12.5
32.5	34	32.5	23	26	**34.5**	28	27.5	19	20.5	8	2	17
27	27	21	11	22	27	22	21	14	12	15	16	14.4
23	23.5	**28**	26	24.5	25.5	26.5	24.5	21.5	21	21	18	17.5
19	20	**28**	24	23	21	23	16	14.5	20	10.5	7	16.3
21	20	20	24	**25**	24	18.5	22	20.5	17	19	16	14.3
24.5	**28**	26	27	26	**28**	26	22	22	19.5	12.5	15	**19.2**
20	23	**29**	25	27	27	23	24	25.5	15	11.5	11.5	15.5
15.5	23.5	**24.5**	22	23.5	19	21.5	20	18	9.5	7	6	10.7
12	11	12	11.5	11.5	**16**	15	13	8	0	.5	.5	6.2
15.5	15	14	**16**	**16**	**16**	5	4	9.5	10.5	4	0	7.6
15	20	**25**	24	21	20.5	22.5	20	15	14.5	14.5	11.5	10.4
11	11.5	11.5	17	20	**23.5**	17.5	16	10	3	1	5	10.4
18	25	24	**32**	25.5	29.5	28	26	28	26	14	3.5	14.6
16	22	**30.5**	24.5	10	4	.5	0	1.5	1.5	1.5	.5	6.5
10.5	13	**13.5**	13	10	3	.5	0	1.5	1	5.5	4.5	5
13.5	10	9	12	11	11	7	1.5	.5	0	.5	.5	5.1
17.5	15	11.5	10	9	**19**	8	7.5	4.5	3	2.5	3.5	8.5
14	13	13	11	13.5	8	4.5	5	4.5	7.5	10	9	8
13	14.5	13.5	11	7.5	4.5	9.5	11.5	9.5	9.5	9.5	10.5	8.4
15.5	12	10.5	7.5	4	2	4	10	6.5	2	3.5	6	6.5
14.5	12	11.5	10	8.5	1.5	3.5	5	7	8	7.5	4.5	7.1
12	10	9	6	4.5	7.5	2	2	3	3	4	4	6
12	12	10	10	9	12	5	4.5	12.5	**24**	9	9	8.6
14	13	**14.5**	7	5.5	3	6	3.5	1	.5	2.5	0	7
10	9.5	8.5	**10**	7	4	3.5	5.5	7.5	8.5	6	1.5	5.7
7	3.5	4.5	**14**	4	6.5	3.5	2.5	3	3	4.5	5.5	5.8
6	1	1	2	3	0	3	5	3.5	2.5	4	3.5	**4.3**
17.3	17.5	**18.1**	17.3	15.7	15.4	13.3	12.1	10.7	9.3	7.3	6.4	10.3

FREQUENCY OF THE WIND.

Day.	N.	NNW.	NW.	WNW	W.	WSW.	SW.	SSW.	S.	SSE.	SE.	ESE.	E.	ENE.	NE.	NNE.	Calm.	Total wind velocity.	Rainfall.
																		Kms.	*mm.*
1					1	7	5	5	2								4	297	1.8
2					2	15	1	3									3	389.5	.8
3				1		12	1	3	1								6	245	1.1
4	1				1	9	1	2	1								9	301	14.4
5					1	12	5		3		1			1		1		408.5	4.3
6				3	5	8	5										3	346.5	**24**
7						17	2	1	2								2	420.5	
8				2	2	14	5	1										391	
9			2	2	1	9	4								3		3	344	
10				3	3	18												**461**	
11			1	1	2	12	3										5	373	
12			1		2	10	1	3									7	257	
13				3	1	5	3	2					2	1			7	149.5	
14				2	2		3				2				3	3	9	181.5	
15	1	1	2		2	5	7										6	248.5	.5
16			4	3	9	2	2						1				3	250.5	13.5
17			2	2		5	8						2				5	350.5	
18					1	4	3	3									13	157	
19		1		3	1	1	2	4			2					1	9	119	3.8
20				1	4	2	1	2					1			3	10	122.5	
21	4	1	1	1	3							1		3	3	3	4	204	.6
22	6		1	1	3	2						1		2	5	1	2	193	
23	6			6	2	1			1		6					1	1	201	
24	1			2	5	1			2	1			5	2		1	4	155	
25	1		2	2	2	3			1	3		2	4	1	1		2	170.5	
26	4			3	2			1			1			2	4	3	4	145	
27	5			2	4	1	2	1						1	2	3	3	206.5	3.9
28	6		1		4							2		1	2	6	2	168	.8
29	4	1		1							2	2	1	1	4	3	5	136	1.3
30	4				4	1						1		5		2	7	139.5	
31	1		1								2	3	2	5		2	8	**102.5**	.3
Total	44	4	18	44	69	176	64	31	13	4	16	12	18	25	27	33	146	7,634	71.1
Mean	1.4	.1	.6	1.4	2.2	5.7	2.1	1	.4	.1	.5	.4	.6	.8	.9	1.1	4.7	246.3	2.3

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
1	758. 35	8-35a.	31	1-40p.	97	25. 2	756. 30	4-55p.	24. 3	4-15a.	**78**	**22**
2	**57.65**	0-05a.	31. 1	1-10p.	95	24. 4	55. 50	5-00p.	24. 6	11-55p.	74	20. 6
3	58	11-25p.	30. 8	1-35p.	94	24	**55.30**	4-20p.	23. 6	3-55a.	75	20. 5
4	58. 15	10-30p.	**30.3**	2-30p.	96	**25.5**	55. 85	3-15p.	23. 5	4-15a.	74	21. 1
5	58. 70	10-30p.	30. 8	0-10p.	**98**	23. 7	56. 42	4-00p.	24	6-50a.	74	21
6	59. 60	10-45p.	31. 4	1-30p.	**98**	23. 6	57. 10	4-00a.	24. 1	6-10a.	70	21. 7
7	59. 45	11-30p.	31. 4	1-55p.	93	23. 8	56. 85	4-40p.	24. 2	4-50a.	67	21. 6
8	59. 55	9-20a.	31. 5	1-35p.	88	23. 3	57. 15	4-15p.	25. 2	4-45a.	69	20. 5
9	**60.60**	10-10p.	31. 3	1-35p.	93	23. 1	**58.20**	2-45a.	23. 6	5-55a.	65	20. 6
10	60. 40	11-15p.	32	1-15p.	**84**	24	58	4-10p.	**25.6**	2-15a.	71	21. 2
11	60	0-05a.	31. 8	1-10p.	90	23. 7	56. 95	4-30p.	24. 9	6-05a.	67	21. 6
12	58. 85	8-20a.	31. 8	1-05p.	94	23. 3	56. 30	3-45p.	24. 2	5-50a.	68	**22**
13	60. 05	10-25p.	32. 3	3-25p.	96	23. 9	57. 30	3-35p.	24. 8	6-10a.	69	**22**
14	60. 20	10-15p.	33. 7	3-05p.	96	23. 5	57. 20	3-25p.	23. 9	5-50a.	57	20. 1
15	59. 95	0-05a.	31. 7	1-50p.	96	23. 7	56. 55	5-10p.	23	4-50a.	71	20. 3
16	58. 25	0-05a.	31. 8	2-05p.	95	24	55.75	4-30p.	23. 9	6-45a.	62	20. 8
17	58. 85	10-00p.	32	1-15p.	92	24. 2	55. 95	4-00p.	24	3-50a.	71	21. 2
18	59. 95	10-05p.	31. 6	1-05p.	94	23. 9	57. 32	2-00p.	23. 5	5-55a.	71	20. 9
19	60. 15	9-05a.	31. 4	1-55p.	96	22. 9	57. 30	4-35p.	23. 6	11-55p.	70	20. 3
20	59. 30	0-05a.	32. 4	2-25p.	97	24. 1	56. 40	3-25p.	23. 3	4-15a.	70	20. 7
21	59. 80	10-15p.	32. 1	0-35p.	94	23. 8	56. 95	2-15p.	23. 3	5-55a.	66	20. 3
22	59. 90	9-45p.	33. 6	3-15p.	91	22. 6	56. 50	3-05p.	22. 5	2-45a.	60	19. 5
23	59. 60	9-30a.	33. 8	2-25p.	91	23. 2	56. 70	3-35p.	22. 5	4-45a.	59	19. 1
24	59. 55	8-15a.	33. 4	3-45p.	95	**21.5**	56. 95	4-00p.	22. 5	6-10a.	57	19. 3
25	59. 09	9-00a.	33. 7	3-15p.	95	22. 7	56. 25	3-55p.	**21.4**	5-50a.	**49**	**17.8**
26	58. 85	9-35p.	32. 6	2-30p.	90	22. 7	55. 90	4-05p.	23. 3	5-55a.	55	19. 3
27	59. 55	10-45p.	33. 8	3-40p.	91	23. 7	56	3-55p.	23. 2	4-55a.	60	19. 8
28	59. 40	8-55a.	33	2-35p.	94	24. 6	56. 15	3-45p.	22. 8	5-25a.	63	19. 3
29	58. 90	9-35p.	33. 9	1-15p.	93	24	56. 55	2-40p.	23. 2	5-25a.	64	20. 4
30	59. 05	10-55p.	**34.2**	2-55p.	95	24. 5	55. 85	4-35p.	22. 9	5-55a.	65	20. 2
31	59	8-30a.	32	11-20a.	92	24	56. 60	4-40p.	22. 9	5-40a.	64	19. 6
Mean	759. 31	--------	32. 2	--------	93. 6	23. 7	756. 58	--------	23. 6	--------	66. 3	20. 5

DAILY GENERAL REMARKS.

1----● in the early morning; ○ a. p.

2----d° 10 a., 6. 15 p.; ○, convergence of Ci. toward WNW in the afternoon; ⊤° NE quad. in the evening; ● at night.

3----● in the morning; somewhat gusty WSW winds in the afternoon.

4----● in the early morning and at night; somewhat gusty WSW winds in the morning and afternoon.

5----Gusty SWly winds in the afternoon and night; ● in the evening and night.

6----○° a.; ● in the morning and at night; convergence of Ci. toward SE in the afternoon.

7----Ci. convergent toward E in the morning, and extended from NE to SW during the afternoon; ↯ N in the evening.

8----○ a. p.; gusty WSW winds in the afternoon; coloration of clouds at sunset.

9----○, filaments of Ci. extended from NNE to SSW in the morning.

10----Convergence of Ci. toward ENE early in the morning and toward NNW in the evening; somewhat gusty winds during the afternoon.

11----Somewhat gusty SW winds in the afternoon and evening.

12----⌓, ○ a.; convergence of Ci. toward NNW in the morning and afternoon.

13----○ a.; coloration of upper clouds at sunrise and sunset; slight convergence of Ci. toward NNE during the morning and in the afternoon.

14----⛈ NE quad. in the afternoon; ↯ N in the evening.

15----↯ N in the evening; ●° at night.

16----●, ⛈ S in the morning; intense coloration of upper clouds at sunset.

17----Slight convergence of Ci. toward E in the morning; ⛈ NE in the afternoon; ↯ ESE, N, W in the evening.

18----⌓ filaments of Ci. extended from E to W early in the morning; d°, ⛈ NE quad., somewhat gusty winds in the afternoon.

19----⛈ ENE in the morning; ● at night.

20----⛈ ESE, SW quad. in the afternoon; ↯ N, ENE in the evening.

21----●° in the early morning; d, ⛈ various points in the afternoon.

22----⛈ N, NE in the afternoon; ↯ NW, W in the evening.

23----⌓ a.

24----Weather generally fair.

25----⌓, Ci. extended from NE to SW in the morning; ↯ N in the evening.

26----○ a. p.; ⛈ NE in the afternoon; ⊤ N, ↯ NW in the evening.

27----⌓ a.; ⊤° 3. 35 p.; ⛈ N, E, WNW in the evening; ● at night.

28----●, local ⛈, came from NE quad. and passed by NW quad., in the afternoon.

29----≡ a.; ●, ⛈ NE, NW in the afternoon; ↯ N in the evening.

30----⌓ a.; ⛈ N, E in the afternoon; ↯ N in the evening.

31----⌓, ○°, ●°, Ci. extended from ENE to WSW in the morning; ⊤ ENE in the afternoon.

OBSERVATIONS FOR SEPTEMBER, 1909.

ATMOSPHERIC PRESSURE, 700^{mm}+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	58	58.05	57.85	57.85	58.05	58.35	58.53	58.64	58.75	58.55	58.36	57.97
2	58.40	58.15	58.05	57.50	57	58.32	58.78	59.07	**59.20**	58.99	58.86	58.33
3	58.05	57.80	57.55	57.50	58.45	58.44	58.26	58.56	58.10	58.57	58.63	58.05
4	58.30	58	57.85	58	58	58.16	58.31	58.40	**58.43**	58.26	57.85	57.24
5	56.80	56.45	56.45	56.45	56.70	56.75	57.05	57.49	**57.62**	**57.62**	57.49	56.80
6	56.80	56.25	55.85	56.05	56.30	56.44	56.98	57.33	**57.34**	57.24	57.03	56.04
7	55.85	55.60	55	54.90	55.15	55.27	55.90	56.12	56.25	56.01	55.88	55.48
8	55.75	55.35	55.30	55.45	55.40	55.46	56	56.43	56.40	56.17	55.87	55.30
9	55.60	55.45	**54.85**	54.90	54.95	55.91	56.45	56.98	56.90	56.63	56.64	56.16
10	56.90	56.40	56.20	56.40	56.65	57.09	57.76	58.19	58.34	58.23	57.99	57.31
11	**58.65**	57.15	57.15	57.05	57	57.46	57.85	57.53	58.43	58.64	58.13	57.69
12	56.80	56.30	56.10	55.90	55.70	55.89	56.08	56.53	**56.83**	56.66	56.29	55.85
13	56.15	55.65	55.20	55.35	55.40	55.38	56.10	56.45	**56.58**	56.49	56.27	55.72
14	55.60	55.25	55.15	55.05	55	55.16	55.31	55.40	55.27	55.36	55.24	54.76
15	54.90	54.35	54.15	**53.80**	53.95	54.18	54.79	55.22	55.33	55.52	55.52	55.12
16	56.15	**55.40**	55.95	55.90	56.10	56.12	56.14	57.61	57.73	**58.01**	57.26	57.35
17	57.15	56.60	56.30	56.05	56.15	56.09	56.43	57.08	**57.17**	57.09	56.40	55.87
18	55.55	55.30	55.25	54.90	54.90	54.86	54.77	55.50	**55.71**	55.47	54.85	54.76
19	55.10	54.70	54.35	54.20	**54.10**	54.78	55.13	55.48	55.56	55.65	55.46	54.91
20	56	55.75	**55.60**	55.75	56.40	56.62	56.77	56.37	**57.73**	57.58	57.42	56.65
21	57	56.75	56.75	**56.55**	56.75	56.86	57.26	57.65	58.05	58.03	57.81	57.49
22	59.10	58.90	58.65	58.50	59.05	59.48	59.94	59.95	60.07	60.25	59.92	59.63
23	60.25	60.05	59.85	59.85	59.80	60.26	60.41	60.95	**61.09**	60.91	60.19	59.70
24	59.10	58.45	58	58.05	58.70	**59.68**	58.84	59.45	59.41	59.07	58.27	58.08
25	57.95	57.35	57.15	57.10	57.30	57.24	57.48	57.91	58.04	58.07	57.54	56.75
26	57.65	57.35	57.30	**57.20**	57.50	57.91	58.64	59.22	59.38	59.27	58.98	58.43
27	61.10	60.65	60.60	60.95	61.20	61.59	61.89	62	61.92	61.68	61.32	60.82
28	61.65	61.05	60.75	60.50	60.50	60.70	61.28	61.90	**61.97**	61.82	61.18	60.51
29	59.35	58.95	58.75	58.65	58.60	58.96	**59.65**	59.60	59.54	59.38	59.05	58.04
30	57.85	57.50	57.40	57.40	57.40	57.84	58.10	58.54	**58.60**	58.38	57.73	57.49
Mean	57.45	57.03	56.84	56.79	56.94	57.24	57.56	57.92	58.06	57.99	57.65	57.14

TEMPERATURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.7	24.4	24.1	23.9	23.5	**23.4**	24.3	26.6	28.3	29.3	30.6	31.4
2	25.8	25.2	24.8	24.3	**23.8**	23.9	25	27.5	28.2	29.4	29.6	**29.9**
3	24.2	24	23.8	**23.6**	23.8	23.9	23.9	24.5	25.9	27.9	28.5	28.9
4	24.1	24.1	**24**	**24**	**24**	**24**	24.2	25.2	26.3	27.1	28	28.9
5	24.5	24.5	24.4	24.3	**24**	**24**	24.4	25.7	27.9	28.4	28.7	29.5
6	24.6	24.4	24.2	24.1	24.3	**23.9**	25.2	26.8	27.3	28	28	28.8
7	25.5	25.2	25.1	25	24.6	**24.1**	24.7	27.1	28.2	28.2	29.3	28.3
8	24.8	**24.2**	24.5	24.5	24.6	24.3	24.5	24.5	25.1	26	26.8	28.1
9	25.6	25.7	25.5	25.4	25.8	25.3	26.3	27.7	28.4	28.7	29	29.4
10	24.6	24.7	24.6	25.6	25.8	25.3	26	27	27.5	28.2	29	**29.2**
11	**23.7**	24.4	24	24.2	24.1	24.5	25.9	26.4	26.2	25.7	26.9	26.8
12	23.9	**23.8**	23.9	23.9	**23.8**	24	25.5	27.1	27.1	27.4	28.2	26.9
13	24.3	24.2	24.1	24	**23.9**	**23.9**	25.3	27.2	28.7	29.3	30	30.3
14	26.6	26	25.9	25.6	25.3	**25.2**	26.6	28.8	29.1	29.8	30	30.6
15	26.7	27.1	27.4	26.3	27.3	27.2	27.8	29.5	28.7	29.1	29	30.2
16	24.5	24.6	24.7	24.7	25.2	24.7	25.5	24.5	**24.1**	25.3	26	26.5
17	26.4	25.6	25.7	26.2	26.3	26.4	26	26.7	27.3	27.7	**29.3**	28.8
18	**24**	24.1	24.1	24.9	25.2	24.8	26.1	25.4	25	25	25.4	25.8
19	25.4	25.8	25	25.1	24.9	24.9	24.9	24.8	25	25.9	27.4	**28.1**
20	23.9	24	24.1	23.2	**23.1**	24.1	24	23.8	23.7	24	24.5	24.7
21	23.5	23.3	**23.2**	23.3	23.4	23.6	24.3	25.5	28	29.3	29.9	30.9
22	25	24.7	24.6	24.4	24.5	**24.2**	25.4	27.2	28.9	29.7	30	**30.1**
23	24.5	24.1	23.7	23.5	23.5	**23.2**	24.4	27.4	28.3	28.5	29	29.7
24	23.9	**23.5**	**23.5**	23.8	23.6	24.3	23.7	24.3	26.5	27.4	29.3	**30**
25	24.3	**24.1**	**24.1**	24.3	24.4	24.5	25.3	26	26.5	27.4	28.3	28.3
26	25	24.8	24.5	**24.3**	**24.3**	24.4	25.9	27.5	27.9	29.1	29.8	30.2
27	24.7	24.3	24.1	23.9	**23.8**	**23.8**	25	27.5	28.3	28.6	29	30.5
28	24.6	24.1	23.8	23.6	23	**22.9**	24.7	26.7	27.7	28.5	29.3	29.4
29	23.7	23.5	23.1	22.9	**22.7**	**22.7**	23	25.2	26.3	27.8	28.7	29.7
30	25.2	24.6	24.3	23.8	23.7	**23.6**	25.3	27	28.2	29.6	30	**31**
Mean	24.7	24.6	24.4	24.4	**24.3**	**24.3**	25.1	26.4	27.2	27.9	28.6	29

ATMOSPHERIC PRESSURE. 700 mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
57.22	56.56	**56.45**	56.65	56.81	57.06	57.42	58	58.75	**58.95**	58.60	58.60	57.92
57.79	57.51	57.06	**56.72**	57.12	57.47	57.97	58.25	58.65	58.70	58.60	58.35	58.12
57.47	57.18	56.79	**56.78**	57.15	57.77	58.30	58.55	59	**59.30**	**59.30**	58.90	58.10
56.52	56.25	55.82	**55.66**	56.14	56.53	56.83	57.20	57.75	57.95	57.80	57.50	57.45
56.04	55.32	**55.07**	55.17	55.52	55.89	56.32	56.90	56.85	57.40	57.45	57.40	56.62
55.19	54.69	**54.19**	54.29	54.64	54.95	55.47	55.70	56.30	56.40	56.35	56.05	55.99
54.84	54.44	**53.92**	54.02	54.14	54.55	55.49	55.95	56.50	**56.85**	56.50	56.30	55.45
54.84	54.24	**54.04**	54.44	54.62	55.34	55.74	55.95	56.30	**56.45**	56.20	55.70	55.53
55.43	55.19	55.04	55.32	56.40	56.82	56.82	57.25	57.80	**57.95**	57.50	57.40	56.26
56.73	**56.18**	56.32	56.59	56.93	57.24	58.72	58.10	58.50	59	**59.40**	59.20	57.52
57.19	56.52	56.12	56.12	**55.93**	56.59	56.94	57.25	57.55	57.95	57.85	57.40	57.34
55.58	54.80	**54.54**	54.55	54.63	55.28	55.59	55.95	56.20	56.50	56.55	56.50	55.90
54.95	54.33	53.98	54.02	**53.97**	54.38	55.03	55.35	55.85	56.30	56.30	56.20	55.48
54.16	53.88	53.73	**53.65**	53.77	53.83	54.54	55	55.30	**55.75**	55.60	55.30	54.88
54.56	54.23	54.01	54.17	54.42	54.62	55.12	55.75	56.15	56.60	56.60	**56.85**	55
56.87	56.44	56.22	56.25	56.40	56.35	56.75	57.30	57.50	57.85	57.95	57.60	56.80
55.74	55.58	55.17	**55.09**	**55.09**	55.38	56.36	56.70	56.60	56.25	56.30	55.80	56.18
54.06	53.88	**53.02**	53.05	53.67	54.18	54.31	54.90	55.40	55.60	55.45	55.15	**54.77**
55.15	54.96	54.77	54.77	55.41	55.11	55.26	55.80	56.40	**56.85**	56.70	56.05	55.28
56.05	55.74	55.86	56.42	56.61	56.64	56.74	57.05	57.50	57.55	57.45	57.15	56.64
57.10	56.62	56.71	56.76	56.92	57.44	58.04	58.95	59.15	59.50	**59.60**	59.40	57.63
58.98	58.63	58.42	**58.36**	58.61	58.69	59.14	59.50	60	60.30	**60.50**	60.45	59.38
59.08	59.01	**58.17**	58.29	58.54	59.52	59.29	59.90	60.05	60.15	59.95	59.60	59.79
57.47	56.96	57.09	**56.92**	57.02	57.13	57.24	57.80	58.45	58.95	59.05	58.15	58.22
56.46	56.02	**55.98**	56.21	56.78	56.97	57.18	57.75	**58.20**	58.15	58.15	57.90	57.32
58.21	57.79	57.44	57.67	58.28	58.76	59.57	60.15	60.75	61.15	61.10	**61.40**	58.80
60.43	60.11	**59.88**	60.07	60.18	60.91	61.43	62.15	62.40	**62.60**	62.55	62.25	**61.28**
59.62	59.23	**58.82**	59.11	59.84	59.85	60.15	60.50	60.55	60.60	60.50	59.95	60.52
57.48	56.88	**56.31**	56.35	56.38	56.90	57.02	58	58.25	58.50	58.65	58.35	58.23
57.03	57	56.57	**56.25**	56.51	57.01	57.64	57.75	58.15	58.50	58.50	58.10	57.64
56.61	56.21	**55.92**	55.99	56.28	56.64	57.08	57.51	57.89	**58.15**	58.10	57.83	57.20

TEMPERATURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
32.6	**32.9**	30	28.5	28.8	28.3	27.5	27	26.6	26.2	25.5	25.4	27.2
27.5	27.8	28	28.3	27.5	26.4	26	25.9	25.5	25	24.6	24.5	26.4
29.1	**29.6**	28.7	27.5	27.3	26.1	25	25.1	24.6	24.4	24.5	24.5	25.8
28.9	28.2	29.4	**30.2**	28.5	25.5	25.4	25.1	25	24.8	24.5	24.5	26
29.6	28.8	28.3	27.8	27.5	26.5	26	25.8	25.5	25.3	24.7	24.7	26.3
30.3	29.4	30.2	26.8	27	26.4	25.9	25.7	25.6	25.6	25.6	26	26.4
27.9	**30.7**	29.8	27.8	28	26.8	26.6	26.4	25.9	25.3	24.9	24.6	26.7
26.8	27.2	**28.8**	25	25.3	25.9	25.7	25	25.5	24.5	**24.2**	25.2	25.5
30.3	**30.4**	29	29	25.8	26.3	26.5	26.2	25.2	24.8	**24.6**	**24.6**	26.9
28.9	28.9	28.4	28.2	27.1	26.6	26.6	26.2	25.6	25.2	24.3	**24**	26.6
27.5	**28**	27.4	27	26.7	26.3	26.4	25.8	25.3	25.7	24.7	24.2	25.7
26.7	27.8	**29.8**	28.4	27.9	27.3	27	26.8	26	25.4	25	24.7	26.2
30.6	30.7	**31.1**	30.9	29.5	28.6	28.2	27.6	27.6	27.5	27.2	26.9	27.6
31	30.8	30	29.9	28.9	28	27.9	27.8	27.6	27.4	27.6	26.8	**28**
30.5	29	29.7	28.4	28.1	28.1	27.7	27.9	27.4	26.7	26.4	**24.5**	27.9
27.4	27.3	27	26.8	26.8	26.7	26.6	26.4	25.4	25.1	26.3	26.7	25.8
28.3	25	25.1	25.4	24.3	23.5	23.8	24.5	25	24.9	24	**23.3**	25.8
26.3	25	25.5	25.9	25.2	24.6	24.5	24.1	25	26.1	25.2	24.8	25.1
24.7	25.2	24.5	24.6	23.5	24	23.6	23.5	23.7	23.5	23.3	**23.2**	24.8
26.1	**26.6**	26.2	24.2	24.7	25.5	25.7	25.5	24.9	24.4	23.8	23.5	**24.5**
30.9	**31.2**	29.5	29.4	28.5	27.4	27.3	26.8	26.3	25.6	25.4	25.2	26.7
30.1	30	29.9	29.3	28.6	27.8	27.3	27.1	26.6	25.8	25.3	24.8	27.1
30.4	27.2	24.4	27.3	26.2	24.9	25.2	25.2	25	24.6	24.5	24.2	25.8
29.3	29.4	29.2	28.5	28	27.5	26.6	26.4	25.8	25.6	24.6	24.4	26.2
28.8	**30**	28.5	27.6	26.5	26.1	26.1	25.9	25.8	25.7	25.5	25.2	26.2
30.3	**30.3**	28.6	28.6	27.8	27.4	27.2	25.9	25.5	25.2	24.9	24.7	26.8
30.9	30.8	29.5	28.5	28	27.5	27.5	27.3	27.2	26.5	25.3	24.7	27
29.8	**29.8**	27.1	25.6	25.7	25.6	25.4	25.2	24.6	24.3	23.8	23.6	25.8
30.1	30.3	**31**	30.9	29.7	28	27.8	27.2	26.6	26.2	25.9	25.5	26.6
30.1	30	30.4	29.4	28.4	27.3	26.6	26.4	26.1	25.7	25.5.	25	27
29.1	28.9	28.5	27.9	27.2	26.6	26.3	26.1	25.7	25.4	25.1	24.8	26.3

RELATIVE HUMIDITY.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	93	94	**95**	**95**	**95**	**95**	93	84	80	74	68.5	65
2	88	91	91	92	**93**	**93**	90	81	77	72	70.5	**68**
3	92	91	92	93	92	93	95	**96**	88.5	77	73	72
4	95	95	94	93	94	94	**96**	93	89	87	81	75
5	93	93	93	93	**96**	95	95	91	84	77	73	72
6	92	92	**93**	92	91	**93**	90	85	81	77	75	73
7	88	89	92	92	**95**	**95**	94	80	79.5	79	74	80
8	94	**97**	96	95	95	**97**	96	**97**	92	92	86	80
9	88	81	83	84	81	85	79	81	77	73	73	75
10	91	91	92	89	89	92	88	83	83	82	**74**	75
11	92	93	92	93	92	**94**	85	87	88	92	87	84
12	93	93	**94**	**94**	**94**	**94**	90	86	84	84	79	83
13	**92**	**92**	91	91	91	91	89	83	79	77	70	66
14	84	88	88	89	**91**	**91**	87	75.5	73	70	68	67
15	83	81	81	84	81	83.5	77	**72**	73	76	79	73.5
16	91.5	91	89	88	91	**94**	93	87	91	92	90	85
17	79	85	84	77	82	83	85	83	79	79	**76**	78
18	91	94	86	87	88	87	83	88	92	**95**	93	89
19	81	81	87.5	87	86	89	92	92	89	86	80	**79**
20	93	94	93	**97**	**97**	92	93	95	91	88	87	87
21	**97**	96	**97**	**97**	**97**	96	94	93	83	76	75	69
22	95	**97**	96	95	96	**97**	95	89	79	72	**67**	68
23	91.5	96	96	95	96	95	92	82	77	77	75	76
24	98	**99**	**99**	97	98	94	96	95	85	81	76	73
25	96	**97**	**97**	95	95	95	96	92	90	83	80	74
26	93	94	94	95	**96**	**96**	94	87	85	79	74	**69.5**
27	92	94	94	95	**96**	**96**	92	81	74.5	71	75	61.5
28	88	90	91	89	93	**94**	87	80	79	77	72	72
29	92	93	95	95	**96**	95	93	86	83	74	73	72.5
30	88	86	87	90	90	90	88	81	78	74	68	**67**
Mean	90.8	91.6	91.8	91.6	92.2	**92.6**	90.6	86.2	82.8	79.8	76.4	74.3

VAPOR PRESSURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.5	21.3	21.1	20.9	20.4	**20.3**	21	21.8	**22.9**	22.3	22.3	22.1
2	21.9	21.6	21.1	20.9	**20.4**	20.5	21.2	22	22	22.1	21.7	21.3
3	20.7	20.3	20.2	**20.1**	20.2	20.5	20.9	21.9	22	21.5	21.1	21.3
4	21.1	21.1	20.8	**20.7**	20.8	20.8	21.5	22.2	22.5	23.1	22.7	22.1
5	21.3	21.3	21.2	21	21.2	21	21.6	22.3	**23.4**	22.3	21.3	22.2
6	21.2	21	20.9	20.6	20.6	**20.5**	21.4	22.2	21.7	21.7	21.1	21.4
7	21.3	21.2	21.7	21.6	21.8	21.1	21.8	21.2	22.5	22.4	22.5	22.9
8	21.9	21.8	21.9	21.7	21.8	22	21.9	22	21.7	22.9	22.4	22.6
9	21.6	20	20.1	20.2	**19.9**	20.4	20	22.3	22	21.3	21.6	22.9
10	**20.8**	21	21.2	21.8	22	21.9	21.9	22.1	22.6	**23.2**	21.9	22.6
11	**20.1**	21.2	20.4	20.9	20.6	21.5	21	22.3	22.2	22.5	**22.9**	22
12	20.5	**20.4**	20.7	20.7	20.6	20.8	21.8	22.8	22.4	**22.9**	22.4	21.7
13	20.9	20.7	20.4	**20.1**	**20.1**	**20.1**	21.4	22.2	23.1	**23.4**	22.1	21.1
14	21.8	21.9	21.8	21.8	21.8	21.6	**22.6**	22.2	21.8	21.8	**21.4**	21.7
15	21.5	21.6	22.1	21.3	21.9	22.4	21.4	22	21.4	22.7	23.6	23.4
16	20.9	20.8	20.6	20.4	21.6	21.8	22.4	**20**	20.4	21.9	**22.5**	21.8
17	20.3	20.8	20.5	19.5	20.8	21.3	21.3	21.5	21.3	21.6	**22.9**	22.8
18	20.3	21	**19.3**	20.5	20.8	20.3	20.9	21.3	21.6	**22.4**	22.3	22
19	**19.6**	19.9	20.6	20.5	20.1	20.9	21.4	21.5	21	21.4	21.7	**22.4**
20	20.5	20.8	20.8	20.4	20.3	20.6	20.7	20.8	19.9	**19.5**	20	20.2
21	20.7	**20.3**	20.4	20.5	20.6	20.7	21.2	22.4	23.3	22.9	23.4	22.8
22	22.4	22.3	22	21.6	21.9	21.7	22.9	**23.8**	23.4	22.3	**21**	21.6
23	20.9	21.4	20.8	20.4	20.6	**20**	21	22.2	21.9	22.2	22.3	23.5
24	21.6	21.3	21.3	21.3	21.3	21.2	**20.8**	21.4	21.8	21.8	22.9	22.9
25	21.6	21.5	21.5	21.4	21.6	21.7	**23**	22.9	**23**	22.5	22.7	**21.1**
26	22	21.9	21.5	21.4	21.6	21.7	23.4	**23.8**	**23.8**	23.7	23.1	22.1
27	21.4	21.2	21	20.9	20.9	20.9	21.6	22	21.3	20.5	**22.3**	19.9
28	20.3	20	20	**19.2**	19.4	19.5	20.2	20.9	21.6	**22.2**	21.9	22.1
29	20.1	20	19.9	19.6	19.6	**19.4**	**19.4**	20.5	21.2	20.6	21.3	22.4
30	20.8	19.7	19.7	19.7	19.5	**19.4**	21	21.5	22.1	22.8	21.4	22.3
Mean	21	21	20.8	**20.7**	20.8	20.9	21.4	21.9	**22.1**	**22.1**	**22.1**	22

RELATIVE HUMIDITY.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
61	**60**	69	75	77	79	84	86	88	89	90	91	82.5
81	79	85	85	83	88	89	88.5	91	91	92	91.5	85.4
71	**70.5**	75	81	84	84	88	89	90	92	93	93	86
73.5	75	70	**67**	80	88	88	89	89	90	91.5	91.5	86.6
68	75.5	72	75	78.5	83	87	88	89	92	94	93	85.4
69	72	70	87	88	88	89	89	87	88	88	88	84.9
80	**72**	**72**	79	76	80	81	82	85	89	91	92	84
83	83.5	**78**	90	89	87	87	90	88	91	92	88	90.1
74	**70**	73	72	85	84	82	85	90	**91**	**91**	90	81.1
75	75	78	79	85	88	86	89	93	90	93	**94**	85.6
82	**79**	**79**	**79**	**79**	82	81	86	89	86	91	92	86.8
85	79	**73**	**73**	77	79	80	81	86	89	90	90	85.4
66	**63**	64	67	72	76	77	81	81	82	81	81	79.3
65	**65**	69	69	73	78	78	78	80	81	79	85	**78**
74	79	76	77	82	79	79	80	83	87	90	**91**	80
78	79	80.5	**77**	**77**	78	79	81	86	88	80	**77**	85.1
77	88	88	93	93	**95**	88	87	85	90	92	92	84.9
85.5	87.5	91	86	87	92	92	93	88	**80**	87	92	88.9
91	92.5	94	94	**96**	**96**	**96**	**96**	95	94	**96**	**96**	90.2
85	**80**	85	91	90	88	88	88	90	91	94	95	**90.5**
67	**64**	73	72	81	88	88	90	92	96	96	95	86.3
67.5	68	68	72	75	79	82	83	86	91	93	93	83.5
74	88	92	85	89	95	94	96	96	97	97	**98**	89.6
72	**72**	74	77.5	81	84	91	88	93	95	96	96	87.9
73	**69**	79	83	86	87	90	91	91	91	92	92.5	88.1
71	70	76	78	79	78	80	88.5	88	90	92	93	85
59	**59**	65	70	72	75	76	77	77	81	87	87	79.5
71	**69**	80	85	85	86	87	86	88	91	93	93	84.4
72	72	69	**67**	70	79	79	83	85	85	87	89	82.7
72	74	74	76	82	87	90	89	91	90	92	**93**	83.2
74.1	74.3	76.4	78.7	81.7	84.3	85.2	86.6	88	89.3	90.7	91.1	85

VAPOR PRESSURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
22.3	22.4	21.7	21.6	22.6	22.5	22.8	22.7	22.7	22.4	21.8	21.9	21.9
22	22	23.9	**24.2**	22.6	22.4	22.1	22	22	21.3	21.2	20.9	21.8
21.4	21.7	21.8	22	**22.5**	21.1	20.8	21.1	20.7	21	21.3	21.3	21.1
21.7	21.3	21.4	21.3	**23.2**	21.4	21.1	21.1	21	20.9	20.9	20.9	21.5
20.9	22.2	**20.7**	20.8	21.4	21.4	21.7	21.6	21.7	21.9	21.8	21.5	21.6
22.1	22.1	22.4	22.8	**23.3**	22.4	22.2	21.9	21.2	21.6	21.6	21.9	21.7
22.3	**23.8**	22.4	22	21.3	**20.8**	21	21.1	21	21.4	21.2	21.1	21.7
21.8	22.4	**23**	21.2	21.4	21.6	21.3	21.2	21.4	**20.7**	**20.7**	20.8	21.8
23.8	22.4	21.6	21.5	21.1	21.3	21	21.6	21.4	21.1	20.8	20.7	21.3
22.1	22.1	22.4	22.4	22.7	22.7	22.3	22.4	22.5	21.4	21	**20.8**	22
22.4	22.3	21.4	20.9	20.5	20.9	20.7	21.2	21.4	21.1	21	20.7	21.3
22.1	22	22.8	21	21.4	21.3	21.1	21.2	21.5	21.5	21.2	20.8	21.5
21.5	20.6	21.4	22.1	22.2	22.1	21.7	22.1	22.3	22.4	21.6	21.3	21.5
21.6	21.6	21.7	21.5	21.5	21.9	21.8	21.6	21.9	21.8	21.5	22.2	21.8
23.9	23.6	23.5	22.3	23.3	22.2	21.9	22.3	22.5	22.7	23.1	**20.7**	**22.4**
21.3	21.3	21.3	20.1	20.1	20.3	20.4	20.7	20.7	20.9	20.4	20.1	20.9
22.1	20.8	20.9	22.5	21	20.4	**19.3**	19.8	20	21	20.4	19.6	20.9
21.7	20.6	22	21.4	20.7	21.1	21.1	20.8	20.8	20.1	20.7	21.3	21
21	22	21.5	21.6	20.6	21.2	20.7	20.6	20.6	20.2	20.3	20.2	20.9
21.3	20.6	21.6	20.5	20.8	21.4	**21.7**	21.3	21	20.6	20.6	20.4	**20.7**
22.1	21.8	22.4	22.1	23.4	**23.9**	23.8	23.7	23.3	23.3	23.1	22.6	22.3
21.4	21.4	21.3	21.9	21.9	21.8	22.1	22	22.2	22.4	22.2	21.7	22
23.7	23.6	21	22.9	22.4	22.2	22.4	22.8	22.5	22.2	22.3	22.1	22
21.9	22.1	22.3	22.4	22.7	23	**23.5**	22.4	23.1	23.2	22	21.7	22.1
21.6	21.7	22.8	22.8	22.2	21.8	22.6	22.6	22.4	22.3	22.2	22	22.1
22.7	22.3	22.1	22.6	21.8	**21.3**	21.4	22	21.3	21.4	21.4	21.5	22.2
19.5	19.6	20	20.2	20.3	20.4	20.6	20.7	20.6	20.8	20.8	20.2	**20.7**
22.2	21.6	21.2	20.8	20.9	21	20.9	20.5	20.3	20.5	20.4	20.1	**20.7**
22.9	**23.2**	**23.2**	22.4	21.6	22.1	22	22.2	21.9	21.6	21.6	21.7	21.3
22.9	23.4	**24**	23.3	23.5	23.4	23.4	22.7	22.9	22.1	22.2	22	21.9
22	22	22	21.8	21.8	21.7	21.6	21.7	21.6	21.5	21.4	21.2	21.6

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Ci.	S	Ci.	SE	A.-Cu.	------	A.-Cu.	------	Ci.	------	Ci.	------
2	Ci.-S.	SbyE	Ci.-S.	------	Ci.	------	Ci.	------	Ci.-S.	------	Ci.-S.	------
3	------	------	------	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	A.-Cu.	------
4	------	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------
5	A.-Cu.	ESE	A.-Cu.	ESE	A.-Cu.	ESE	A.-Cu.	------	A.-Cu.	------	Ci.-S.	------
6	Ci.-S.	SE	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------
7	------	------	A.-Cu.	------	Ci.-S.	ENE	Ci.-S.	------	------	------	------	------
8	------	------	------	------	------	------	------	------	Ci.-S.	------	Ci.-S.	------
9	A.-Cu.	SEbyS	A.-Cu.	------	A.-Cu.	SSE	A.-Cu.	------	A.-Cu.	SWbyS	Ci.-S.	------
10	A.-Cu.	------	A.-Cu.	W	A.-Cu.	------	A.-Cu.	------	A.-Cu.	W	A.-Cu.	------
11	------	------	------	------	------	------	------	------	------	------	Ci.-S.	------
12	Ci.-S.	------	A.-Cu.	------	------	------	Ci.	------	------	------	------	------
13	A.-Cu.	------	A.-Cu.	SE	A.-Cu.	------	Ci.	------	Ci.	------	Ci.	------
14	Ci.	------	Ci.	------	Ci.	------	Ci.	------	Ci.	------	Ci.	------
15	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------
16	Ci.-S.	------	------	------	------	------	------	------	------	------	------	------
17	------	------	Ci.-S.	------	A.-Cu.	NWbyN	------	------	A.-Cu.	NWbyN	------	------
18	Ci.-Cu.	WNW	------	------	------	------	------	------	------	------	------	------
19	------	------	------	------	Ci.-S.	------	------	------	------	------	Ci.-S.	------
20	------	------	------	------	------	------	------	------	------	------	Ci.-S.	------
21	Ci.-S.	------	Ci.-S.	------	Ci.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------
22	Ci.-S.	------	Ci.-S.	NE	Ci.-S.	NE	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------
23	Ci.	------	Ci.	------	Ci.	EbyS	Ci.	EbyS	Ci.	------	Ci.	------
24	------	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	SE
25	Ci.-S.	------	A.-Cu.	SEbyS	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------
26	A.-Cu.	------	A.-Cu.	------	Ci.-Cu.	------	Ci.-Cu.	SEbyE	Ci.-S.	------	Ci.-S.	------
27	Ci.-S.	SW	Ci.-S.	W	Ci.-S.	W	Ci.-S.	W	Ci.-S.	------	Ci.-S.	------
28	A.-Cu.	WSW	A.-Cu.	------	------	------	------	------	------	------	------	------
29	Ci.-S.	SE	Ci.-S.	SE	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------
30	Ci.	------	Ci.-S.	------	A.-Cu.	E	Ci.-S.	------	------	------	Ci.-S.	------

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	S.-Cu.	------	S.-Cu.	------	Fr.-Cu.	------	Fr.-Cu.	EbyN	Fr.-Cu.	EbyN	Cu.	------
2	Cu.	E	Cu.	------	Cu.	ESE	Cu.	ESE	Cu.-N.	------	Cu.-N.	------
3	N.	------	N.	------	Fr.-N.	------	S.-Cu.	------	S.-Cu.	E	S.-Cu.	------
4	Fr.-N.	------	Fr.-N.	NE	Fr.-N.	NE	S.-Cu.	ENE	S.-Cu.	------	S.-Cu.	------
5	Cu.	------	Cu.	------	Cu.	ESE	N.-cf.	ESE	N.-cf.	------	Cu.-N.	------
6	S.-Cu.	ESE	S.-Cu.	SE	N.-cf.	SE	N.-cf.	SE	N.-cf.	SE	Fr.-Cu.	SE
7	S.-Cu.	S	Cu.	S	Cu.	S	Fr.-N.	S	Cu.-N.	------	Cu.-N.	------
8	N.	SW	N.	SW	Cu.-N.	SW	N.	------	Cu.-N.	------	Cu.-N.	------
9	N.-cf.	WSW	N.-cf.	WSW	Cu.	------	Cu.	------	Cu.	------	Cu.	------
10	Fr.-N.	WSW	Fr.-N.	------	Fr.-N.	WSW	N.-cf.	------	Cu.	------	S.-Cu.	------
11	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	------	N.	------	Cu.-N.	------
12	Cu.	------	N.-cf.	WNW	Fr.-N.	W	Cu.-N.	WSW	Cu.-N.	------	Cu.-N.	------
13	Cu.	------	Cu.	------	Cu.	S, W	Cu.	------	Cu.	------	Cu.	------
14	Cu.	SWbyW	Cu.	------	Cu.	------	Cu.	------	Cu.	SW	Cu.	SW
15	Fr.-N.	WSW	Fr.-Cu.	WSW	N.-cf.	WSW	Cu.	------	Cu.	------	Cu.	------
16	Fr.-N.	WSW	N.	------	N.	WSW	Fr.-N.	WSW	Fr.-N.	------	N.-cf.	------
17	Fr.-N.	W	N.-cf.	WbyN	Fr.-N.	WbyN	Fr.-N.	WbyN	Fr.-Cu.	WbyN	N.-cf.	------
18	Cu.	W	Fr.-N.	WSW	N.	------	Fr.-N.	WSW	N.	------	Fr.-N.	------
19	Fr.-N.	WSW	N.	------	Fr.-N.	WSW	Fr.-N.	------	Fr.-N.	------	Fr.-N.	------
20	N.	------	N.	------	N.	SWbyS	N.	------	N.	------	Fr.-N.	------
21	N.	------	Cu.	W	Cu.	ESE	Cu.	E	Cu.	------	Cu.	------
22	Cu.	------	S.-Cu.	E	Cu.	------	Cu.	------	Cu.	------	Cu.	------
23	Cu.	------	Cu.	------	Cu.	NEbyN	Cu.	NEbyN	Cu.	------	Cu.	------
24	N.	------	N.	------	S.-Cu.	EbyS	Cu.-N.	------	Cu.	NE	Cu.	------
25	Cu.	------	Cu.	------	Cu.	SE	Cu.	SE	N.-cf.	------	N.-cf.	------
26	S.-Cu.	SSE	S.-Cu.	SSE	Cu.	------	Cu.	------	Cu.	------	Cu.	------
27	S.-Cu.	------	S.-Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	------
28	Cu.	------	Cu.	------	Cu.	------	Cu.	E	Cu.	------	Cu.	------
29	S.-Cu.	------	S.-Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	E
30	Cu.	E	Cu.	------	Cu.	------	Cu.	------	Fr.-Cu.	E	Cu.	------

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.-S.	
Ci.-S.						Ci.-S.		Ci.-S.		Ci.-S.	
A.-Cu.		A.-Cu.		Ci.-S.	EbyS	Ci.-S.		Ci.-S.			
A.-Cu.		A.-Cu.	E	A.-Cu.	E	Ci.-S.					
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		A.-Cu.					
Ci.-S.		A.-Cu.	SE	A.-Cu.	SE	A.-Cu.	SE	Ci.-S.	E	Ci.-S.	
		Ci.-S.		Ci.-S.						Ci.-S.	
Ci.-S.		A.-Cu.		Ci.-S.							
A.-Cu.	WNW	A.-Cu.	WNW	A.-Cu.		A.-Cu.					
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		A.-Cu.		A.-Cu.	SEbyE	A.-Cu.	SEbyE	A.-Cu.		Ci.	NEbyE
Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		A.-Cu.	WSW	A.-Cu.	WSW	Ci.		Ci.		Ci.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.			
Ci.-S.		Ci.-S.				Ci.-S.					
Ci.-S.		Ci.-S.									
A.-Cu.		A.-Cu.		A.-Cu.	SW	Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
A.-Cu.				Ci.-S.	SE	Ci.-S.		Ci.-S.	SE	Ci.-S.	SE
A.-Cu.		A.-Cu.	E	A.-Cu.	E	A.-Cu.		A.-Cu.			
Ci.-S.		Ci.-S.		Ci.-S.							
Ci.-S.		Ci.-S.	S	Ci.-S.	E	Ci.-S.		Ci.-S.		Ci.-S.	
A.-Cu.		Ci.-S.		Ci.-S.		Ci.		Ci.-S.		Ci.-S.	
Ci.				Ci.-S.						Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	E
Ci.						Ci.-S.		Ci.-S.		Ci.-S.	

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.		Cu.	E	Cu.-N.	E	Cu.	E	Cu.		Cu.	
Cu.-N.		Cu.-N.		Cu.-N.	ESE	Cu.-N.	ESE	Fr.-N.		Cu.-N.	
S.-Cu.	NE	S.-Cu.	NE	Cu.-N.		Cu.		Cu.-N.		Fr.-N.	
S.-Cu.		Cu.-N.		Cu.-N.		S.-Cu.	EbyN.	Fr.-N.	EbyN	Fr.-N.	
N.	ESE	Fr.-N.		Cu.		Cu.-N.		Cu.-N.	ESE	Cu.-N.	
Cu.	WSW	Cu.-N.	SWbyW	Cu.-N.	SSW	Cu.	SSW	Cu.-N.		Cu.-N.	
N.	S	Fr.-N.	SbyW	N.		N.		Fr.-N.	SSW	Fr.-N.	
Fr.-N.	WbyS	Cu.	WSW	Cu.	WSW	Cu.-N.		Cu.-N.		Cu.-N.	
S.-Cu.		Fr.-N.	SWbyW	Fr.-N.	WSW	Fr.-N.	WSW	Fr.-N.	W	Fr.-N.	
Cu.		Cu.		Cu.		Cu.	WSW	Cu.-N.	WSW	Cu.-N.	WSW
Cu.-N.	WSW	Cu.-N.	WSW	Fr.-N.	WSW	Fr.-Cu.	WSW	S.-Cu.		Fr.-N.	WSW
Fr.-N.	WSW	Cu.-N.		Cu.		Cu.-N.		Cu.-N.		S.-Cu.	
Cu.		Cu.-N.		Cu.-N.		Cu.	SW	Cu.	SW	Cu.	
Cu.		Cu.		Cu.		S.-Cu.		S.-Cu.		Fr.-Cu.	
Cu.	WSW	Cu.		N.-cf.		Cu.	W	Cu.	WSW	Cu.-N.	
S.-Cu.		N.		N.	WNW	S.-Cu.	WNW	Cu.-N.	WNW	Cu.-N.	
N.-cf.	WbyN	N.		Fr.-N.	W	Fr.-N.	W	N.	W	N.	
Fr.-N.	WSW	Fr.-N.	WSW	Fr.-N.	WSW	Fr.-N.	WSW	Fr.-N.		Fr.-N.	
N.		N.		N.	WSW	N.		N.		N.	
Fr.-N.		Fr.-N.	WSW	Fr.-N.		N.		Fr.-N.	SWbyW	Fr.-N.	
Cu.		Cu.		Cu.		S.-Cu.		S.-Cu.		Cu.-N.	
Cu.		Cu.	E	Cu.	E	S.-Cu.		S.-Cu.		S.-Cu.	
Cu.-N.	EbyS	N.		Cu.-N.		Cu.-N.		S.-Cu.		S.-Cu.	
Cu.		Cu.	ENE	N.-cf.	ENE	Cu.-N.		Cu.-N.		Cu.-N.	
N.-cf.	SSE	N.-cf.	SSE	Cu.-N.	SSE	Cu.-N.		Cu.-N.		Fr.-N.	
Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.-N.		Cu.-N.	E	Cu.-N.	E	Cu.-N.	W	Fr.-N.	W	S.-Cu.	
Cu.		Cu.	NE	Cu.	NE	Cu.	NE	Cu.		Cu.	
Fr.-Cu.	E	N.-cf.	E	Cu.-N.		Cu.-N.		Cu.-N.		Fr.-Cu.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	ESE	0.5	ESE	1	E	2	E	1.5	E	1	Calm	--------
2	WNW	1.5	NNE	1.5	NNE	2	Calm	--------	Calm	--------	NE	1
3	E	1	E	1	ENE	1.5	ENE	1.5	ENE	2	E	.5
4	Calm	--------	Calm	--------	S	.5	S	.5	S	1	Calm	--------
5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	E	.5
6	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
7	SSE	2	SEbyS	2	EbyS	1.5	SE	1.5	SEbyS	2.5	SE	1.5
8	S	2.5	SSE	1	S	3.5	WSW	5	W	2	Calm	--------
9	SSW	3.5	SSW	4	SSW	3.5	SbyW	3	WSW	2	WSW	7
10	SE	1	SE	.5	Calm	--------	SWbyW	8.5	SSW	3.5	SSW	2.5
11	SWbyW	4	SWbyW	4.5	SbyW	2	SbyW	1.5	Calm	--------	WSW	2
12	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	ESE	.5
13	SSW	1	SSW	.5	NNE	1	NNE	1	Calm	--------	Calm	--------
14	Calm	--------	Calm	--------	Calm	--------	S	1	S	.5	Calm	--------
15	SSW	4	SW	7	WSW	8.5	WSW	7	SW	7	SbyW	3
16	ENE	2	WSW	4.5	SW	12	SSW	3	SSW	.5	WSW	2.5
17	WbyN	11	W	6	W	4	W	7	WSW	5.5	SWbyW	5.5
18	WSW	11.5	WSW	7.5	WSW	16	WSW	12	SW	12	SW	5
19	SWbyW	12	SWbyW	10	SSW	5	SSW	4	S	4	SSW	5
20	S	4	SSW	2.5	S	3	SE	2	S	3.5	SWbyS	3.5
21	SE	1.5	SE	.5	Calm	--------	SE	1	SE	.5	ESE	1
22	E	1	Calm	--------	E	.5	SE	1	Calm	--------	Calm	--------
23	SE	.5	NE	.5	NE	.5	Calm	--------	Calm	--------	Calm	--------
24	ENE	2	Calm	--------	ENE	2	NNW	1	NNW	3	NE	3
25	NE	1.5	NE	.5	NE	1	Calm	--------	Calm	--------	Calm	--------
26	Calm	--------	SSE	.5	SSE	.5	Calm	--------	Calm	--------	Calm	--------
27	Calm	--------	Calm	--------	ESE	1	ESE	1	ESE	1	Calm	--------
28	NE	1	NE	.5	NE	1	NE	.5	Calm	--------	NE	1
29	NNE	2	NNE	1.5	NE	2	Calm	--------	NNE	.5	Calm	--------
30	Calm	--------	NE	1.5	NbyE	1.5	ENE	1.5	ENE	.5	Calm	--------
Mean	------------	2.4	------------	2	------------	2.5	------------	2.2	------------	1.8	------------	1.5

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	WSW	2	W	2	NNE	3.5	ENE	2.5	Calm	--------	ENE	1
2	Calm	--------	Calm	--------	Calm	--------	NE	.5	ENE	1.5	E	.5
3	WNW	1	WNW	5	NNW	5	N	3	NW	1	S	1.5
4	NW	3	NW	1	NWbyW	4.5	NW	2	Calm	--------	SE	1
5	Calm	--------	Calm	--------	Calm	--------	SSE	2.5	SSE	2	SE	1
6	S	1.5	SSW	1	ESE	1	WSW	1	Calm	--------	ESE	2
7	Calm	--------	S	1.5	WSW	4	SW	.5	SSW	3.5	S	4.5
8	WSW	10.5	WSW	9	SW	5	SW	10.5	SW	9.5	SWbyW	10
9	WSW	8.5	SWbyW	7	SW	5	SSW	4	SW	11	WSW	9
10	SWbyW	8.5	SW	7.5	WSW	4.5	WSW	7.5	SW	3.5	WSW	4
11	SW	6	SW	9	SW	6.5	SW	5	SW	5.5	SWbyW	6.5
12	S	4	SWbyS	3	WSW	4.5	WSW	3	WSW	4	WSW	3
13	WNW	3	WNW	3.5	W	3.5	WSW	3	SSW	1.5	SW	2
14	WSW	6.5	WSW	12	WSW	9	WSW	9.5	WSW	8	WSW	7.5
15	WSW	6.5	WSW	8	WSW	9	WSW	8	WSW	7	WSW	4.5
16	NW	1	W	7.5	W	3.5	W	6	W	5	WbyS	5
17	W	6.5	WNW	10	NWbyW	6	Calm	--------	NE	2	NNE	2.5
18	WSW	15	WSW	14	SbyW	7	SWbyW	8.5	SW	8	SWbyW	14
19	WSW	7	S	4	S	2	SE	1.5	WSW	4	Calm	--------
20	SSW	2.5	WSW	6	SW	3.5	WSW	12	WSW	8.5	WSW	4.5
21	W	.5	W	1.5	W	1.5	WbyN	2	W	1	WbyS	1
22	WNW	3	W	3	W	.5	WbyN	1	W	2	WSW	4
23	WSW	1.5	NNE	3	Calm	--------	ENE	1.5	Calm	--------	Calm	--------
24	NW	2.5	WNW	4	WNW	3	W	2	WNW	1	WNW	1.5
25	E	2	ENE	1.5	Calm	--------	SSE	.5	SW	3.5	WSW	2
26	WSW	4.5	WSW	5	WSW	5.5	SW	2.5	SW	1.5	SWbyW	4
27	WSW	2	WSW	2	SW	2.5	WSW	4.5	WSW	5	WSW	5.5
28	W	2	W	2.5	ENE	2.5	ENE	.5	NE	1	NNE	.5
29	WSW	3	SW	1.5	SW	2	WSW	1.5	WSW	1.5	WSW	.5
30	WSW	3.5	SW	1.5	SW	.5	Calm	--------	SE	2.5	SSE	.5
Mean	------------	3.9	------------	4.6	------------	3.5	------------	3.6	------------	3.5	------------	3.4

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	--------	E	1	ESE	1	W	2	WNW	3	WbyS	3.5
Calm	--------	Calm	--------	WNW	1	WSW	2.5	NWbyW	1.5	WNW	3
ENE	0.5	Calm	--------	Calm	--------	WNW	1	W	1.5	WNW	2
Calm	--------	Calm	--------	NE	.5	NE	1	WSW	3.5	NWbyW	2.5
E	1	E	.5	SW	1.5	WSW	2	W	.5	NNW	.5
Calm	--------	SE	3.5	SEbyS	4.5	SSE	5	SSE	3.5	S	4
SE	1.5	SE	.5	SE	2.5	SE	1.5	SE	1.5	SW	1
NNW	1.5	Calm	--------	WSW	5	WSW	6.5	WNW	1.5	SSE	.5
WSW	13	SW	2.5	SWbyS	3.5	WSW	6	SWbyW	6	WSW	6
S	4.5	SSW	3.5	SW	3	SWbyW	5.5	WSW	6	SWbyW	5.5
WSW	5	SW	4.5	SW	4.5	S	3.5	SSW	3	SW	4
ESE	1.5	SE	1.5	W	.5	W	4	WNW	3.5	WSW	6
Calm	--------	Calm	--------	NNE	.5	WSW	1.5	W	2.5	WNW	2
Calm	--------	Calm	--------	W	1.5	NW	4	W	2.5	WSW	3
WSW	8.5	WSW	9	SWbyW	5	WSW	7.5	SW	5.5	WSW	8
Calm	--------	W	7.5	WNW	3.5	Calm	--------	Calm	--------	NW	2
WSW	6	WSW	10	WSW	6.5	WSW	4.5	W	5	W	7
SWbyW	8.5	S	3	SW	6.5	SW	9	WSW	12	WSW	13
S	4.5	S	2	S	2.5	SSW	4	SSW	5	SSW	4
SSW	3	SE	1	SSW	4.5	SSW	5.5	S	2.5	S	2
ESE	1	SE	1.5	SE	2.5	SE	1.5	SE	1.5	SW	2
Calm	--------	Calm	--------	Calm	--------	SE	.5	SSW	1	SW	1.5
Calm	--------	Calm	--------	SE	1.5	W	2	WNW	3.5	WSW	3.5
NbyE	2	Calm	--------	Calm	--------	NE	2	Calm	--------	WSW	2.5
Calm	--------	Calm	--------	Calm	--------	NE	.5	Calm	--------	Calm	--------
S	.5	SSE	1.5	SW	1	SW	1.5	SW	1.5	WSW	5
Calm	--------	Calm	--------	SSE	.5	Calm	--------	Calm	--------	WNW	2
Calm	--------	Calm	--------	SSW	.5	NW	1	WbyS	4.5	W	4
Calm	--------	Calm	--------	Calm	--------	W	2	W	2	WSW	3
Calm	--------	NNW	1.5	Calm	--------	WSW	2.5	WSW	2.5	SW	2.5
------------	2.1	------------	1.8	------------	2.1	------------	3	------------	2.9	------------	3.5

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		12 m. n.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm	--------	N	0.5	NNE	1	NNE	1.5	Calm	--------	W	1	1.3
ESE	0.5	ESE	1.5	E	2	E	1	Calm	--------	E	1	.9
S	2.5	S	.5	S	1	S	1	Calm	--------	Calm	--------	1.4
SEbyS	3	Calm	--------	Calm	--------	Calm	--------	Calm	--------	SEbyS	.5	1
S	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	.5
ESE	2	SE	1.5	SE	2	SEbyS	2	SSE	2.5	SSE	4	1.7
SSW	3	S	3	S	2	SSE	2	SSE	1	SSE	.5	1.9
SW	12	S	3.5	SSW	2.5	SE	2	SE	2	S	3	4.5
WSW	8	SSE	3	SSE	.5	SSE	1	SSE	1	SE	1.5	5
SSE	1.5	Calm	--------	N	1.5	NbyW	1.5	W	2.5	W	3	3.7
SWbyW	4.5	SWbyW	4	SSW	1.5	SbyW	2.5	SbyW	1	Calm	--------	3.8
SW	3	SW	3	Calm	--------	Calm	--------	SSW	1	SSW	.5	1.9
SW	2	SW	5	SW	4	SSW	2	SSW	2.5	SW	1.5	1.8
SWbyW	5	SW	6.5	SW	4.5	SW	3.5	SW	4.5	SW	3	3.8
WSW	6.5	SWbyS	5	SWbyS	2	SSW	2	WSW	2	NW	2	5.9
W	3.5	WNW	2	NE	1	N	1	WNW	6	WNW	8	3.6
W	9	WSW	6	WSW	4	SSE	2.5	SSW	3	SbyW	5.5	5.6
SW	10	SW	12	WSW	14	WSW	14	SW	9	WSW	12	10.6
ENE	1.5	ENE	1	SW	7	SSW	3.5	SbyW	4.5	S	3.5	4.2
WSW	6	SWbyS	3.5	Calm	--------	SE	.5	SE	1	SE	1.5	3.6
Calm	--------	Calm	--------	E	.5	Calm	--------	Calm	--------	E	.5	1
WSW	2	WSW	2	Calm	--------	Calm	--------	SW	1	SE	1	1
Calm	--------	E	1	E	.5	E	1	E	1.5	Calm	--------	.9
Calm	--------	NE	1	Calm	--------	SE	3.5	SE	4	SE	2	1.8
SW	1	Calm	--------	SSW	.5	SSE	.5	Calm	--------	Calm	--------	.6
SW	2.5	WSW	6	SSW	3	Calm	--------	SE	1	Calm	--------	2
WSW	4	WSW	2	W	2.5	W	1	NNE	1	NE	.5	1.6
Calm	--------	NNE	.5	Calm	--------	NNE	.5	Calm	--------	Calm	--------	1
SW	3	SSE	.5	Calm	--------	Calm	--------	SSE	.5	Calm	--------	1.1
SSE	.5	Calm	--------	Calm	--------	Calm	--------	NNW	1.5	N	1.5	1.1
------------	3.2	------------	2.5	------------	1.9	------------	1.7	------------	1.8	------------	1.9	2.6

WIND—FORCE IN KILOMETERS PER HOUR.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	1.5	2	4	3	2.5	2	1.5	4	2.5	7.5	12	14.5
2	3.5	4.5	6	4.5	1	4	4.5	1.5	3	6	14.5	**16.5**
3	4.5	3	6.5	5	5.5	8	3	2.5	2	6	8.5	9
4	.5	1	2	3	2	3	2.5	.5	0	5	7.5	**12.5**
5	2	.5	1	3	1	1.5	2	1	2	7.5	3.5	4.5
6	.5	2	1	1.5	.5	0	.5	2.5	5	12.5	14	**14.5**
7	14.5	8	5	4.5	9.5	9	9.5	8.5	11	10	10	7.5
8	6	7	8	12.5	22	4.5	5	7.5	12.5	17	20	4
9	13	12	15	10.5	10	8.5	**46**	28.5	14.5	22	24	24
10	2.5	3	0	19	15	13.5	12.5	13	13	23	33.5	24.5
11	15	21.5	14.5	14	9	6	26.5	19	17	16.5	14	14.5
12	3	3	3.5	2.5	3	3	3.5	3.5	4.5	11.5	**22**	21
13	3.5	4	2.5	4	2	3	1	2	3	6	9	11.5
14	3	.5	1.5	3	2.5	1.5	3	4.5	9.5	10	11.5	13.5
15	13	24	32	33	28	19.5	21.5	32	31	32	29.5	29
16	5.5	11.5	24	20	9.5	3.5	6	15	**26**	12	5.5	8.5
17	28	23.5	15	13.5	23.5	23.5	30	**40**	25	26	28	31
18	33	37	55	52	52	33	33	25	16	29	**62**	55
19	**60**	40	24	16	12.5	16.5	20	12	11	9	18.5	21
20	15	13.5	14.5	7	9.5	25	17	9	17	24	19	12.5
21	4	3	1.5	4	3.5	5.5	3.5	7	10	7	5.5	6
22	2.5	2.5	3	4	4	1	1	3	7	5	5	6
23	4.5	2	2.5	2	1.5	2.5	1	0	3	7	**14**	13
24	3.5	2.5	5.5	5	6	**19**	7	5	3.5	7.5	4	8
25	6	4	3.5	2.5	0	0	.5	3.5	3	5	2.5	4
26	.5	1	2	.5	.5	.5	.5	3.5	3	4	5.5	11.5
27	1	1	2.5	3.5	3.5	4	3.5	3.5	1	2.5	.5	4.5
28	2	3.5	3.5	2.5	2	1.5	3	1.5	2	7.5	13	14
29	3	6	5.5	4.5	2	4.5	2	2.5	4	3.5	**12.5**	12
30	.5	5	5	6	4.5	3.5	2	2.5	4.5	4	14	12
Mean	8.5	8.4	9	8.9	8.3	7.6	9.1	8.8	8.9	11.5	14.8	14.7

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. m.
1	6	4	5	4	5	6	6	7	8	7	7	10	6.2	6 00
2	10	9	8	10	10	10	10	10	10	10	10	9	9.7	1 30
3	10	10	9	7	9	9	9	10	10	10	10	10	9.4	0 40
4	10	10	10	10	8	9	9	7	7	9	9	10	9	2 35
5	9	9	9	9	9	10	10	10	10	10	10	10	9.6	2 05
6	7	8	9	10	10	7	8	8	10	8	10	10	8.8	3 50
7	8	8	8	8	10	10	9	9	7	9	10	10	8.8	5 20
8	10	10	10	10	10	10	10	9	9	10	10	10	9.8	2 05
9	9	8	7	8	9	8	7	10	10	10	10	10	8.8	3 25
10	10	9	10	10	10	9	9	9	9	9	10	10	9.5	0 35
11	10	10	10	10	10	10	10	9	10	9	9	10	9.8	**0 00**
12	9	9	10	8	8	10	10	8	7	7	8	7	8.4	3 35
13	7	7	4	3	4	5	5	5	6	6	5	6	5.2	8 20
14	4	4	5	5	6	6	3	5	7	3	4	4	**4.7**	**9 20**
15	10	10	9	9	7	7	9	10	10	10	10	10	9.2	2 40
16	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
17	10	10	10	10	9	10	10	10	10	10	10	10	9.9	1 00
18	9	10	10	10	10	10	10	10	10	10	10	10	9.9	**00 0**
19	10	10	10	10.	10	10	10	10	10	10	10	10	**10**	**00 0**
20	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**00 0**
21	10	10	9	9	8	8	8	7	10	10	10	10	9.1	4 00
22	7	6	6	9	9	10	10	10	9	9	9	9	8.6	4 20
23	8	8	7	7	8	6	6	10	7	5	9	10	7.6	5 20
24	10	10	10	10	7	8	9	9	9	9	8	9	9	1 55
25	8	9	9	9	9	9	9	9	9	10	10	10	9.2	0 55
26	9	9	9	8	8	8	7.	6	6	7	8	9	7.8	4 40
27	4	7	7	7	8	8	7	7	6	8	8	9	7.2	4 45
28	1	1	2	3	3	3	4	7	10	10	10	9	5.2	6 45
29	3	4	4	4	3	4	5	7	6	5	7	5	4.8	8 10
30	3	4	4	5	5	6	5	8	9	10	10	9	6.5	5 25
Total														99 15
Mean	8	8.1	8	8.1	8.1	8.2	8.1	8.5	8.7	8.7	9	9.2	8.4	3 18

WIND—FORCE IN KILOMETERS PER HOUR.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
11	10	**16**	14	8	4	4	2.5	3.5	2.5	2.5	1.5	5.7
4	3	2	4.5	8.5	7	5.5	5.5	6	3	2	1	5.1
12	15	**17**	14.5	6.5	9	10	7	4	4	3	.5	6.9
11	11	**12.5**	10	4.5	6.5	7	2.5	.5	1	1	2	4.5
5.5	2.5	2.5	6.5	**8**	5.5	2.5	2	2	.5	0	.5	**2.8**
7.5	3.5	4	11	3.5	4.5	6	8	8	7	12	11.5	5.9
5	5	**20**	11.5	14	17	10	10	12	6	5	4	9.4
10	26	22.5	23	**41**	39.5	19	20	15	10	6	9	15.3
22	26.5	23.5	21	40	45.5	27.5	18	3	1.5	3	6	19.4
34.5	29	29	30.5	26	12.5	14.5	2	8	11	10.5	17.5	16.6
24.5	27	**35.5**	30	26	24	24.5	20	4.5	13.5	4	2	17.6
21	12	14	20.5	15.5	11	13	11	3.5	2.5	3	3	8.9
14	15	13	11	12	11	11.5	**19**	**19**	11.5	8	9	8.6
21	31	**36**	33	32	26	24	21	19.5	14.5	17	18	14.9
29	25	29	**36**	25	28	22	22	12	5	4.5	13.5	24
8	15.5	23.5	23	24	14	23.5	12.5	6	3	7	25	13.8
23.5	37.5	24	7	6	21	36	23	23	9	9	21	22.8
40	57	31	27	42	42	54	46	56	58	50	36	**42.5**
35	20.5	14	8.5	25	9.5	5	4	5.5	27	16	15.5	18.6
10.5	28	16	36.5	**37**	22	19.5	19	5	4	2	3.5	16.1
6	8.5	**11.5**	8.5	8	6	7	2.5	2.5	2	0	1	5.2
9.5	**12.5**	10	8	**7**	10	**12.5**	7.5	7	1	2	4	5.6
12	8	11	7	5.5	1	1.5	2	1	3	3	1.5	4.6
13	14	14.5	14.5	8.5	5.5	4	5	2.5	4.5	13	9	7.7
4.5	5.5	4.5	3.5	12.5	**14.5**	4.5	1	1.5	2	.5	0	3.7
15	20	**21**	18	11.5	13	11	20.5	10	4.5	1.5	1	7.5
8.5	9.5	13.5	16.5	19	**22**	17.5	12	7.5	6.5	3.5	3	7.1
14	**19**	8.5	7.5	4.5	5	2.5	3.5	3	.5	2	0	5.2
12	10	9	8	10	5.5	6	5.5	.5	.5	1.5	2	5.5
17	9	5	3	3	6	2	3	.5	1.5	2.5	5.5	5.1
15.4	**17.2**	16.4	15.8	16.5	14.9	13.6	11.2	8.4	7.4	**6.5**	7.6	11.2

FREQUENCY OF THE WIND.

Day.	N.	NNW.	NW.	WNW.	W.	WSW.	SW.	SSW.	S.	SSE.	SE.	ESE.	E.	ENE.	NE.	NNE.	Calm.	Total wind velocity.	Rain-fall.
																		Kms.	*mm.*
1	1	-----	-----	1	4	1	-----	-----	-----	-----	-----	3	4	2	-----	3	5	136.5	-----
2	-----	-----	1	3	-----	1	-----	-----	-----	-----	-----	2	4	1	2	2	8	121.5	6.3
3	1	1	1	4	1	-----	-----	-----	5	-----	-----	-----	3	4	-----	-----	4	166	10.7
4	-----	-----	5	-----	-----	1	-----	-----	3	2	1	-----	-----	-----	2	-----	10	109	1.3
5	-----	1	-----	-----	1	1	1	-----	1	2	1	-----	3	-----	-----	-----	13	**67.5**	-----
6	-----	-----	-----	-----	-----	1	-----	1	2	6	3	3	-----	-----	-----	-----	8	141	5.1
7	-----	-----	-----	-----	-----	1	2	2	4	6	7	1	-----	-----	-----	-----	1	226.5	7.2
8	-----	1	-----	1	1	6	4	1	4	2	2	-----	-----	-----	-----	-----	2	367	37.6
9	-----	-----	-----	-----	-----	10	4	5	-----	4	1	-----	-----	-----	-----	-----	-----	465.5	1.4
10	2	-----	-----	-----	2	8	3	3	1	1	2	-----	-----	-----	-----	-----	2	397.5	28.8
11	-----	-----	-----	-----	-----	7	8	6	1	-----	-----	-----	-----	-----	-----	-----	2	423	23.2
12	-----	-----	-----	1	2	5	3	2	1	-----	1	2	-----	-----	-----	-----	7	214	4.1
13	-----	-----	-----	3	2	2	5	5	-----	-----	-----	-----	-----	-----	-----	3	4	205.5	-----
14	-----	-----	1	-----	2	8	5	-----	2	-----	-----	-----	-----	-----	-----	-----	6	357	.8
15	-----	-----	1	-----	-----	15	5	3	-----	-----	-----	-----	-----	-----	-----	-----	-----	575.5	15.3
16	1	-----	2	4	7	2	1	2	-----	-----	-----	-----	-----	1	1	-----	3	332	38.3
17	-----	-----	1	2	7	8	-----	2	-----	1	-----	-----	-----	-----	1	1	1	547	28.6
18	-----	-----	-----	-----	-----	14	8	1	1	-----	-----	-----	-----	-----	-----	-----	-----	**1,021**	**57.6**
19	-----	-----	-----	-----	-----	4	1	8	7	-----	1	-----	-----	2	-----	-----	1	446	41.9
20	-----	-----	-----	-----	-----	5	3	5	5	-----	5	-----	-----	-----	-----	-----	1	386	17.6
21	-----	-----	-----	1	5	-----	1	-----	-----	-----	8	2	2	-----	-----	-----	5	124	-----
22	-----	-----	-----	2	3	3	2	1	-----	-----	3	-----	2	-----	-----	-----	8	135	-----
23	-----	-----	-----	1	1	2	-----	-----	-----	-----	2	-----	4	1	2	1	10	109.5	11.3
24	-----	2	1	4	1	1	-----	-----	-----	-----	3	-----	-----	2	3	1	6	184.5	15.1
25	-----	-----	-----	-----	-----	1	2	1	-----	2	-----	-----	1	1	4	-----	12	89	1
26	-----	-----	-----	-----	-----	6	6	1	1	3	1	-----	-----	-----	-----	-----	6	180	5.1
27	-----	-----	-----	1	2	7	1	-----	-----	1	-----	3	-----	-----	1	1	7	170	-----
28	-----	-----	1	-----	4	-----	-----	1	-----	-----	-----	-----	-----	2	6	3	7	126	-----
29	-----	-----	-----	-----	2	5	3	-----	-----	2	-----	-----	-----	-----	1	3	8	132.5	-----
30	1	2	-----	-----	-----	3	3	-----	-----	2	1	-----	-----	2	1	1	8	121.5	-----
Total	6	7	14	28	47	128	71	50	38	34	42	16	23	18	24	19	155	8,077	358.3
Mean	.2	.2	.5	.9	1.6	4.3	2.4	1.7	1.3	1.1	1.4	.5	.8	.6	.8	.6	5.2	269.2	11.9

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
1	759.05	10-15p.	**33.3**	2-05p.	95	22.9	756.35	2-30p.	22.8	6-05a.	60	20.3
2	59.25	9-10a.	31	11-15a.	93	**24.2**	56.60	4-20p.	23	5-20a.	68	20.4
3	59.50	10-30p.	30.3	2-25p.	96	22.5	56.70	4-20p.	23	3-50a.	70.5	20.1
4	58.85	0-05a.	31.5	3-50p.	96	23.2	55.66	4-00p.	23.3	4-05a.	67	20.7
5	57.70	8-40a.	30.4	11-35a.	96	23.4	55	2-45p.	23.4	5-10a.	68	20.7
6	57.45	8-45a.	31.7	1-30p.	93	23.3	54.10	3-15p.	23.5	5-45a.	69	20.5
7	56.95	9-45p.	31.4	2-05p.	95	23.8	53.92	3-00p.	23.3	6-05a.	72	20.8
8	56.55	10-05p.	29.6	2-50p.	97	23	54	2-45p.	23.5	11-10p.	78	20.7
9	57.95	10-00p.	31.4	1-30p.	**91**	23.8	54.80	3-15a.	24	11-10p.	70	19.9
10	59.45	10-55p.	30	2-10p.	94	23.2	56	2-35p.	23.6	11-55p.	74	20.8
11	59.20	0-10a.	28.2	2-05p.	94	22.9	55.90	4-50p.	23.3	0-50a.	79	20.1
12	57.30	0-05a.	30.5	2-55p.	94	22.9	54.50	4-50p.	23.1	4-50a.	73	20.4
13	56.65	9-40a.	31.8	2-45p.	92	23.4	53.80	3-30p.	22.7	5-30a.	63	20.1
14	56.15	0-05a.	31.7	0-40p.	**91**	22.6	53.60	4-30p.	**24.2**	5-55a.	65	**21.4**
15	56.90	11-30p.	31.3	0-45p.	**91**	23.9	53.80	4-00a.	23.6	11-55p.	72	20.7
16	58.01	10-00a.	28.3	1-50p.	94	22.5	55.30	2-10a.	23.5	8-20a.	77	20
17	57.60	0-05a.	29.9	11-20a.	95	22.9	55	4-50p.	23	11-50p.	76	19.3
18	**55.80**	9-05a.	**26.5**	0-55p.	95	22.4	**52.95**	3-35p.	23	0-25a.	**80**	19.3
19	57.05	9-05p.	28.6	0-10p.	96	22.4	54	4-10a.	23	11-35p.	79	19.6
20	57.85	8-45a.	27.2	2-05p.	97	**21.7**	55.40	2-35a.	22.7	5-05a.	**80**	19.5
21	59.70	10-30p.	31.6	1-55p.	97	23.9	56.50	4-05a.	22.7	3-20a.	64	20.3
22	60.55	10-30p.	30.9	0-40p.	97	23.8	58.25	3-30p.	23.9	5-55a.	67	21
23	61.09	9-00a.	31.5	0-55p.	98	23.7	57.75	3-15p.	23.2	6-00a.	74	20
24	59.80	6-05a.	30.4	0-05p.	**99**	23.5	56.85	3-45p.	23.4	6-50a.	72	20.8
25	58.35	0-25a.	30.8	0-25p.	97	23	55.90	3-25p.	24	3-05a.	69	21.1
26	61.40	12 m.n.	30.8	2-10p.	96	23.8	57.10	3-30a.	24	4-35a.	69.5	21.3
27	**62.70**	9-50p.	32	1-35p.	96	22.3	**59.80**	3-15p.	23.6	5-40a.	**59**	19.5
28	62.20	0-05a.	31.5	1-45p.	94	22.2	58.80	3-05p.	22.5	5-35a.	69	**19.2**
29	59.90	0-05a.	31.9	3-10p.	96	23.2	56.25	3-05p.	**22.2**	5-40a.	67	19.4
30	58.80	8-40a.	32.3	0-25p.	93	24	56.25	4-00p.	23	5-50a.	67	19.4
Mean	758.66	--------	30.6	--------	94.9	23.1	755.69	--------	23.3		70.6	20.2

DAILY GENERAL REMARKS.

1----⌓ a.; [☇ NE quad. in the afternoon; ☇ NNW in the evening.
2----[☇ N, SW quad. in the forenoon; ●, [☇ E quad. in the afternoon; ☇ NW in the evening.
3----● in the morning and night; [☇ N in the afternoon; ☇ S in the evening.
4----●°, ⌒ in the afternoon; [☇ E, T^2 S, ☇ NNW in the evening.
5----[☇° in the early morning; d 2 p.
6----⌓ a.; T° N, ● in the afternoon; d in the evening.
7----● in the morning and afternoon; [☇ NE in the afternoon.
8----Somewhat rainy weather with gusty SWly winds, especially in the afternoon; ⊕ p.
9----Gusty SWly winds at intervals with some d and ●° in the early morning and afternoon.
10----Somewhat gusty SWly winds at intervals with some ● especially toward midnight.
11----○ p.; ● in the morning and night with somewhat gusty SWly winds.
12----●° in the forenoon and afternoon; [☇° N in the afternoon.
13----☇ E in the evening.
14----Convergence of Ci. toward E at sunrise and sunset; gusty WSW winds during the afternoon; coloration of upper clouds at sunset; ● at night.
15----Convergence of Ci. toward E in the morning; somewhat gusty WSW winds at intervals; d 10.50 a., 1.45 p.; ● at night.
16----Rainy in the morning with some gusty SWly winds.
17----Frequent ● and d especially in the afternoon with gusty Wly winds.
18----Rainy and somewhat squally weather.
19----Rainy especially in the afternoon with gusty SWly winds in the early morning.
20----● in the morning and afternoon and gusty WSW winds in the afternoon.
21----Convergence of Ci. toward NNE in the evening.
22----Convergence of Ci. toward N in the morning; ○ a. p.
23----○ at noon; [☇ NE, ● in the afternoon; ☇ NW in the evening.
24----●, [☇ NE quad. in the early morning; d° 4.55 p., ● at night.
25----●° a.; T SSW in the afternoon; d in the evening.
26----Convergence of Ci. toward WNW during the morning; ○° at noon; ⌒, [☇ SW, NE in the afternoon; ●, ☇ N, NE, SE in the evening.
27----☇ NNE, NE in the evening.
28----T NE, SW, d° in the afternoon.
29----T° SE quad.; ☇ NNW in the evening.
30----d 2.15 p., 7.15 p.; coloration of clouds at sunset; ☇ NW, SSW in the evening.

OBSERVATIONS FOR OCTOBER, 1909.

ATMOSPHERIC PRESSURE, 700$^{\text{mm}}$+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	57.65	57.45	57.40	57.25	57.55	57.87	58.60	59.03	**59.09**	59.02	58.40	57.82
2	57.55	57.45	57.45	57.35	57.30	57.63	**57.93**	57.75	57.80	57.38	57.14	56.38
3	56.25	55.65	55.60	55.55	55.75	56	56.53	56.87	56.88	56.57	56.23	55.74
4	55.90	55.60	55.40	55.45	55.50	55.74	55.99	55.97	56.22	56.39	56.07	55.18
5	55.70	54.95	54.75	54.85	55.05	55.69	56.02	56.15	56.09	**56.37**	55.74	55.04
6	54.85	54.20	**54**	54.15	54.25	54.69	55.29	55.85	56.17	56.12	55.52	55.17
7	56.25	56.15	**56.05**	56.15	**56.05**	56.40	57.10	57.48	57.78	58.18	57.93	56.78
8	58.40	58.25	58.10	57.75	57.95	58.42	59.02	59.38	**59.82**	59.68	59.12	58.53
9	58.65	58.50	58.05	58.10	58.50	59.05	59.44	59.64	59.90	**59.93**	59.64	58.95
10	58.65	58.50	57.95	57.95	58	58.59	59.36	**59.56**	59.43	59.39	58.99	58.29
11	57.40	56.90	**56.50**	56.60	56.85	57.84	58.11	58.49	58.24	58.58	58.23	57.92
12	59.15	58.80	58.40	58.70	58.85	59.18	59.70	60.06	60.09	60	59.54	58.97
13	59.90	59.45	59.35	59.50	59.45	59.74	60.21	60.40	**60.57**	60.38	59.86	59.02
14	59.25	58.95	58.75	58.70	58.80	59.06	59.49	**59.82**	59.77	59.67	59.11	58.39
15	57.50	57	56.80	56.80	56.85	57.37	57.78	58.24	**58.30**	58.22	57.49	56.96
16	56.45	55.95	55.55	55.35	55.55	55.90	56.34	**56.70**	56.63	56.36	55.89	55.34
17	**52.45**	51.80	51.45	50.95	50.70	50.82	51.17	51.18	51.79	51.31	50.28	50.01
18	**48.90**	49.40	49.25	49.35	50.10	50.90	51.56	52.08	52.64	53.02	52.73	52.52
19	54.45	54.30	**54.20**	54.25	54.50	54.89	55.53	56.19	56.59	56.60	56.23	55.86
20	57.15	56.80	56.65	56.90	57.25	57.78	58.29	58.48	58.53	58.58	57.91	57.41
21	59.05	58.80	58.85	59	59.25	59.82	60.08	**60.22**	60.18	59.82	59.28	58.88
22	59.20	58.95	58.95	59.05	59.25	59.68	60.09	60.39	**60.48**	60.14	59.39	58.66
23	**58.30**	57.80	57.25	57.05	57	57.43	57.80	57.93	58.24	57.83	57.18	56.14
24	48.05	46.75	46.35	**45.80**	47.60	49.59	52.07	53.86	54.77	55.42	55.28	54.81
25	57.85	**57.50**	57.60	57.55	57.85	58.52	59.25	59.21	59.43	59.38	59.07	58.62
26	59.80	59.65	59.65	59.45	59.45	59.84	60.68	**60.72**	60.46	60.13	59.59	59.11
27	59.75	59.60	59.05	58.60	58.90	59.45	59.99	60	**60.03**	59.70	59.14	58.58
28	59.05	58.70	58.35	57.90	56.55	58.30	58.51	58.73	59.10	**59.14**	58.43	57.99
29	57.60	57.45	57.50	57.55	57.60	57.81	58.20	58.73	59.41	59.47	58.95	58.33
30	58.35	58.10	57.75	57.75	57.80	58.18	58.54	58.64	58.67	58.48	58.01	57.58
31	59	58.40	58.30	58.35	58.30	58.66	59.31	59.69	59.94	59.83	59.33	58.76
Mean	57.05	56.70	56.49	56.44	56.59	57.12	57.68	57.98	**58.16**	58.10	57.60	57.02

TEMPERATURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.6	24.6	24.2	23.9	**23.8**	**23.8**	24.8	25.6	27.2	28.3	28.8	29.6
2	24	23.6	23.5	23.4	**23**	23.2	24.4	26.8	28.8	29.1	29.7	30.4
3	27.8	27.7	27.1	26.3	27.2	26.4	26.4	26.1	26.4	27.6	30	**30.5**
4	25	24.9	24.8	24.7	**24.4**	25	26.2	27	27.9	**29**	**29**	27.2
5	26.6	25.8	26.2	26.5	25.3	**24.9**	25.8	27.7	27.9	29.2	29.4	30.1
6	27.5	27.6	27.4	27.2	27.2	27.1	27.4	27.7	27.8	28.5	**28.8**	28.2
7	25	24.9	24.8	24.6	24.6	24.6	25.5	26.5	**28.4**	27.3	26	27.4
8	23.5	23.5	23.5	23.4	**23.2**	23.4	24.9	27.4	28.3	29.5	29.8	30.7
9	26	25.6	25.6	25.4	25.4	25.2	25.4	26	26.7	27.7	28	28
10	23.8	23.6	23.9	23.9	**23.4**	**23.4**	24.4	26	27	27.9	27.7	28.9
11	25.7	25.3	24.9	24.6	**24.5**	24.8	24.8	25.4	25.2	26.3	27.5	27.4
12	25.2	25.1	24.7	**24.6**	**24.6**	**24.6**	25	27.7	29	29.5	30.5	30.9
13	24.6	24	23.7	23.4	23	**22.8**	24.9	27.6	28.8	29.5	30.3	30.7
14	24.1	23.7	23.5	23.1	22.9	**22.7**	24.5	27.7	28.8	30	30.1	30.4
15	25	24.8	24.3	24.1	23.9	**23.5**	25.3	27.7	29.2	29.9	29.7	30.5
16	25.2	24.9	24.6	24.4	24.4	**24.3**	25.7	27.4	28.5	29.2	30.2	30
17	26	26	**25.7**	27.2	27.6	27.9	28.4	28.7	28.9	29	**29.2**	28.8
18	26.1	25.7	26.4	26.8	26.6	25.8	25.5	27.7	28.3	28.3	29.3	29.4
19	24.8	**24.5**	24.6	24.7	24.6	24.6	25.5	27.1	28.6	29.9	29.5	30.1
20	24.7	24.5	24.1	24	**23.7**	23.8	25.5	27.9	29.2	30.4	30.5	31
21	24.3	24.2	24.2	24	23.9	**23.5**	25.3	28	28.6	29.9	30	29.7
22	25.1	24.5	24.1	23.9	**23.8**	**23.8**	25	27	28.7	29.2	29.5	30.2
23	25.6	25.5	25.6	25.8	25.5	25.3	25.8	26.7	27.9	28.7	**29.2**	**29.2**
24	25.8	26	25.9	25.6	25.8	24.2	24.1	23.8	**23.6**	23.9	24.1	25.4
25	25.8	25.6	25.4	25.9	**24.9**	25.9	26.7	26.9	28.8	30	31.1	31.7
26	25.2	25.2	24.9	24.4	**24.1**	**24.1**	25.1	27	28.6	29.5	30.1	29.7
27	24.2	23.8	23.4	23.4	**23.2**	23.4	25	27.6	29.3	29.9	28.5	29.5
28	23.5	23	**22.6**	22.8	23.4	23.4	24.8	26.9	28.4	**28.7**	28.3	28.6
29	24.8	24.5	**24.4**	24.5	**24.4**	**24.4**	24.5	25.9	26.7	27.6	28	28.3
30	24.7	24.5	24.3	24.3	24.3	**24.1**	26	27	29.4	30.2	29.4	29.9
31	24.6	24.8	23.9	23.7	**23.6**	**23.6**	25.2	27.6	28.9	29.2	30.9	**31.0**
Mean	25.1	24.9	24.7	24.7	24.5	**24.4**	25.4	27	28.1	28.8	29.1	29.5

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
57.06	56.57	**56.46**	56.53	56.52	56.95	57.48	58.05	58.20	58.35	58.35	58.05	57.74
55.68	54.87	**54.72**	55.15	55.57	55.77	56.42	56.50	56.85	57.05	56.85	56.70	56.72
55.24	**54.62**	54.67	54.76	54.86	55.51	55.86	56.25	**57.05**	56.85	56.50	56.30	55.92
54.91	54.62	**54.55**	54.72	55.14	55.08	55.83	56.20	**56.55**	56.40	56.40	55.95	55.66
54.38	53.83	**53.62**	53.84	54.13	54.82	55.31	55.60	55.75	55.65	55.60	54.95	55.16
54.82	54.53	54.98	55.09	55.49	55.69	56.24	56.50	57.20	**57.40**	57.20	56.55	55.50
56.85	56.59	56.39	56.63	57.32	57.74	58.65	59.25	59.80	**59.85**	59.60	58.95	57.50
57.94	57.39	**57.22**	57.40	57.62	58.02	58.38	58.85	59.50	59.50	59.25	59	58.52
57.92	57.34	**57.30**	57.39	57.55	58.18	58.63	59.40	59.60	59.65	59.90	59.35	58.77
57.49	56.74	56.19	**56.10**	56.50	56.82	57.48	57.75	58	58.25	57.60	57.45	57.96
57.34	56.90	56.68	57.17	57.19	57.67	58.54	59.15	59.50	59.65	**59.70**	59.45	57.94
58.16	**57.58**	57.65	57.60	57.95	58.44	59.12	59.85	60.25	**60.35**	60.30	60.30	59.12
58.38	57.72	57.30	**57.19**	57.37	57.80	58.32	59.15	59.50	59.70	59.75	59.50	59.15
57.56	56.77	**56.43**	56.46	56.54	56.80	57.17	57.75	58.05	58.05	58.10	57.90	58.22
56.35	55.82	55.39	**55.36**	55.55	55.89	56.27	56.85	57.05	57.15	57.05	56.55	56.86
54.42	53.87	53.25	**52.81**	53.55	53.60	53.68	54.15	54	54	53.35	53.20	54.83
49.37	48.59	**48.19**	48.54	48.45	48.40	48.89	49.20	49.80	49.45	49.60	49.35	**50.07**
51.98	51.59	51.71	52.12	52.66	53.20	53.70	54.50	54.85	**55.10**	55.05	54.70	52.23
55.29	54.82	54.67	55.14	55.39	55.69	56.49	57.10	57.30	57.65	**57.70**	57.45	55.76
56.69	56.38	**56.26**	56.50	57	57.76	58.36	58.80	59.10	59.35	**59.50**	59.30	57.78
58.26	**57.71**	57.76	57.74	57.99	58.37	58.97	59.35	59.55	59.55	59.60	59.50	59.07
57.99	57.23	**56.92**	57	57.42	57.73	58.02	58.40	58.90	59.15	58.95	58.70	58.78
55.63	55.06	54.35	54.50	54.68	55.20	54.64	54.55	54.25	53.30	51.20	**49.40**	55.70
54.90	54.84	54.88	55.01	55.85	56.54	57.01	57.60	58.15	**58.25**	**58.25**	58.10	53.74
57.79	57.65	57.73	57.76	58.07	58.56	59.19	59.65	60.45	**60.55**	**60.55**	60.35	58.76
58.62	**57.99**	58.11	58.10	58.30	58.59	59.14	59.90	60.25	60.60	60.60	60.35	**59.54**
57.79	57.64	57.44	**57.22**	57.51	57.74	58.36	59.10	59.70	59.85	59.80	59.30	58.93
57.44	56.89	56.48	**56.46**	56.59	57.04	57.32	58.40	58.70	58.80	58.90	58.40	58.01
57.74	57.33	**56.83**	57.09	57.49	57.80	58.35	59.10	**59.65**	**59.65**	59.10	58.50	58.22
57.28	56.66	**56.36**	56.67	57.04	57.57	58.28	58.90	59.25	**59.45**	**59.45**	**59.45**	58.09
58.40	57.91	**57.53**	57.67	58.17	58.51	59.30	59.90	60.35	**60.40**	60.35	60.25	59.03
56.44	55.94	**55.74**	55.86	56.18	56.56	57.08	57.60	57.97	58.03	57.87	57.52	57.07

TEMPERATURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
30.5	29.8	**30.5**	30.4	29.3	27.9	27.4	26.7	25.7	25.1	24.9	24.3	26.7
30.5	**30.5**	30.4	29.2	28.5	28.3	28.2	28.2	28.1	28	28	27.9	27.3
29.3	30.3	30	29.6	28.2	27.3	26.6	26.4	26.3	26.1	26	**25.5**	27.5
28.4	26.4	27	27	25.9	26.2	26.1	26.5	26.7	26.8	26.7	26.2	26.5
30.9	**31**	29.7	29	28.8	28.3	26.2	27.3	27.3	27.5	27.6	27.3	27.8
28.6	28.7	28.5	27.5	27.5	27.1	26.4	25.1	24.9	**24.8**	25.2	25.2	27.2
26.4	26.5	25.7	26.4	26.5	25.5	25	24.5	24.5	**23**	23.5	23.5	**25.4**
30.7	30.6	**31**	29.3	29	28.3	28.1	28	27.5	27.6	26.9	26.4	27.3
28.6	28.5	28.5	27.9	27.7	27.4	27.1	26.5	26.5	26.3	24.5	**24**	26.6
29.2	**30.4**	**30.4**	30.3	28.8	27.5	27	26.7	26.4	26.2	25.7	25.5	26.6
28.3	**28.9**	**28.9**	28.6	28.5	27	26.9	27	26.3	26	25.4	25.3	26.4
31.5	**31.6**	30.2	30.6	29.2	27.7	26.8	26.1	25.8	25.2	25.6	25.1	27.4
31.8	32	**32.1**	31.6	29.6	28.4	27.8	26.8	25.4	24.9	24.6	24.9	27.2
30.7	**31.4**	**31.4**	30.6	29.7	27.5	27	27.1	26.3	25.7	25.4	25.3	27.1
31	**31.8**	31.4	31.3	29.8	27.9	27.8	27.9	27.2	26.9	26.1	25.6	27.6
31.3	31	30.9	29.3	28.1	28.7	28.7	28	27.7	27.2	26.7	26.6	27.6
28.2	27.8	28.8	28.7	29	28	29	29	28.8	28.3	27.9	26.9	**28.1**
29.8	**29.9**	29.3	28.8	28	27	26	25.9	25.2	25.3	25.2	**25**	27.1
31	29.2	28	27.7	27.3	27.1	26.9	26.7	26.1	25.7	25.5	25	26.9
31.7	31.4	31.1	29.6	29.2	27.7	26.4	26.4	25.9	25.3	25.2	25	27.3
30.9	**31.1**	28.8	28.7	27.6	26.9	26.6	26.5	26.4	26.1	25.5	25.5	26.9
30.7	31.2	**31.8**	31.2	30	28.3	28.2	28.1	27.3	26.8	26.7	26.3	27.6
28.9	28.7	27.5	26.4	25.5	25	**24.6**	24.9	25	25.2	25	25.7	26.4
25.8	27.3	27.8	**28.7**	27.2	26.1	25.4	25.9	25.9	25.8	25.3	25.6	25.6
31.8	**31.9**	31.2	29.7	28.6	27.3	26.8	26.5	26.2	25.9	25.5	25.5	27.7
30.1	30.3	**30.9**	30.4	29.5	27.6	26.6	26.2	25.8	25.5	25.2	24.5	27.1
30.2	29.4	28.9	28	27.9	26.8	26.4	25.7	25.1	25.1	24.3	23.8	26.4
28.4	28.6	28.4	28.1	27.5	26.7	26.2	26.2	26	25.6	25.1	24.8	26.1
28.8	28.2	28.7	28.1	27.6	26.8	26.1	25.8	25.5	25.2	25.1	24.9	26.2
28.9	**30.3**	**30.3**	29	28	26.8	26.1	25.8	25.6	25.7	25.3	24.8	26.9
31.6	30.8	30.4	29.3	27.6	26.3	25.7	25.3	25.1	25	24	24	26.8
29.8	**29.9**	29.6	29.1	28.2	27.3	26.8	26.6	26.2	25.9	25.6	25.4	26.9

RELATIVE HUMIDITY.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	92	91	94	96	**97**	96	93	88	82	77	75	76
2	91	94	94	94	**95**	**95**	91	82	79	78	75	74
3	80	81.5	84	84	86	90	90	88	**91**	85	74	**72**
4	92	92	92	92	**93**	**93**	90	90	85	**79**	**79**	89
5	85	90	88	90	94	**96**	92	81.5	81	74	74	69
6	78	77	78	79	**76**	78	78	78	78	78	78	77
7	91	91	92	92	92	92	92	90	**78**	86	92	85
8	95	**97**	96	96	**97**	**97**	92	87	81	73	70	67
9	88	90	89	90	88	89	88	88	84	81.5	80	79
10	92	**94**	91	91	**94**	**94**	92	88	83	81	79	76
11	88	90	92	91	90	92	92	87	88	84	79	81
12	**92**	91	**92**	**92**	**92**	91	**92**	81.5	76	72	66	65
13	83	86	87	87	**90**	88	87	78	75.5	72	68	66
14	86	87	88	**90**	89	89	85	74	69	69	66	67
15	85	87	90	91	91	**94**	89	79	75	73	74	74
16	88	88	90	**91**	**91**	**91**	90	82	79	76	**71**	73
17	90	90	**91**	81	81	76	75	76	74	74	72	76
18	92	**93**	87	86	86	91	**93**	84	80	79	76	76
19	92	93	94	**95**	**95**	94	93	86	78	75	72	**71**
20	94	95	**96**	95	**96**	95	90	83	78	72	72	70
21	**97**	**97**	96	96	96	96	90	82	81	77	73	69
22	**95**	**95**	93	93	94	94	91	84	79	78	75	72
23	84	84	88	91	89	90	91	86	83	78	**76**	**76**
24	91	91	91	93	91	97	97	**98**	97	97	97	93
25	85	86	88	84	91	85	86	83	75.5	71	71	66
26	96	97	**98**	97	97	97	95	87	82	74	71	72.5
27	91	92	93	93	**95**	**95**	90	81	74	**72**	80	80
28	95	95	**96**	94	91	93	89	78	76	75	**74**	**74**
29	94	**95**	**95**	94	**95**	92	94	85	83	**80**	**80**	81
30	91	91.5	91	91	**92**	91	82	80.5	74	69.5	65	65
31	86	83	89	87	89	89	83	76	69	66	62	**60**
Mean	89.6	90.5	91.1	90.8	91.4	**91.6**	89.4	83.6	79.6	76.6	74.7	73.9

VAPOR PRESSURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.2	20.8	21.1	21.1	21.2	20.9	21.7	21.6	21.9	21.9	22	**23.3**
2	20.1	20.3	20.2	20.1	**19.8**	20	20.8	21.4	23.3	23.5	23.3	**24**
3	22.2	22.4	22.4	**21.3**	23	23.1	22.9	22.1	23.3	23.3	23.4	23.2
4	21.7	21.6	21.5	21.4	21.2	22	22.8	**24**	23.8	23.6	23.6	23.8
5	21.9	22.3	22.2	**23**	22.6	22.4	22.7	22.4	22.6	22.3	22.5	21.8
6	21.2	21.1	21.3	21.2	**20.4**	20.8	21.3	21.5	21.6	22.6	22.8	22
7	21.3	21.2	21.3	21.1	21.1	21.1	22.2	23.2	22.4	23.1	22.9	23
8	**20.4**	20.7	20.6	**20.4**	**20.4**	20.8	21.6	**23.5**	23.2	22.4	21.8	21.8
9	21.9	22	21.8	21.7	21.3	21.2	21.3	21.9	21.9	22.4	**22.5**	22.3
10	20.2	20.3	**20**	**20**	20.1	20.1	21	21.9	22.1	22.6	21.9	22.5
11	21.7	21.5	21.6	20.8	**20.5**	21.3	21.3	20.9	21.1	21.3	21.6	21.8
12	21.8	21.5	21.4	21.2	21.1	20.8	21.6	22.4	22.5	22	21.4	21.5
13	19.2	19.2	19	18.6	18.7	**18.1**	20.5	21.3	22.2	22	21.7	21.7
14	19.3	19	18.9	18.8	18.4	**18.3**	19.4	20.5	20.4	21.7	21	21.6
15	**20**	20.2	20.3	20.2	20.1	20.2	21.4	21.9	22.6	23	22.9	23.9
16	21.1	20.6	20.7	20.6	20.6	**20.5**	22.1	22.2	22.8	23	22.8	23.1
17	22.5	22.5	22.3	21.8	22.1	21.1	21.6	22.2	21.9	21.9	21.8	22.4
18	23	22.9	22.3	22.6	22.2	22.4	22.4	**23.1**	22.9	22.5	22.9	23
19	21.5	**21.3**	21.6	21.9	21.8	21.6	22.4	22.8	22.7	**23.6**	22.2	22.6
20	21.8	21.7	21.4	21	**20.8**	**20.8**	21.8	23.2	23.4	23.3	23.5	23.3
21	21.8	21.7	21.5	21.2	21.1	**20.6**	21.5	22.9	23.5	24	22.9	21.5
22	22.5	21.7	20.8	**20.5**	20.6	20.6	21.3	22.3	23.1	23.4	22.8	23
23	20.6	**20.5**	21.6	22.4	21.7	21.5	22.4	22.5	**23.2**	22.9	23	23
24	22.4	22.7	22.6	**22.8**	22.4	21.7	21.7	21.5	**21.1**	21.3	21.7	22.3
25	21.1	21	21.1	**20.8**	21.2	21	22.3	22	22.2	22.3	23.7	23.2
26	22.8	23	22.8	22.1	21.7	21.5	22.5	23.1	**23.8**	22.6	22.4	22.4
27	20.5	20.2	**19.9**	**19.9**	20	20.3	21.2	22.3	22.3	22.6	23	**24.5**
28	20.4	19.8	19.5	**19.3**	19.5	19.9	20.7	20.6	21.9	21.8	21.1	21.5
29	21.9	21.7	21.6	21.5	21.6	**21**	21.5	**21**	21.5	21.9	22.5	23.2
30	21	20.9	20.5	20.6	20.9	20.4	20.6	21.3	**22.5**	22.1	19.8	20.3
31	19.7	19.4	19.6	**19**	19.2	19.2	19.9	20.8	20.3	19.9	20.7	20.7
Mean	21.2	21.2	21.1	20.9	20.9	**20.8**	21.6	22.1	22.4	22.5	22.3	22.5

RELATIVE HUMIDITY.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
71	74	**70**	72	74	78	81	81	84	86	87	90	83.5
74	71	**70**	73	76	77	77	77	78	79	79	80	81.4
76	76	77	77	81	81	86	86	84	87	87	89	83
81	90	84	86	89	91	89	82	86	87	86	89	87.8
68	**61**	65	69	71	74	76	78	81	77	78	81	78.9
79	78	80	81	84	87	90	**92**	90	**92**	**92**	91	82
90	92	93	83	86	91	92	95	**96**	**96**	**96**	95	**90.8**
66	67	66	71	71	76	77	77	81	80	85	88	81.4
75	76	77	**74**	78	80	83	86	87	88	**91**	**91**	84.2
76	71	70	**68**	80	83	86	88	90	91	88	88	84.8
76	**73**	77	78	84	91	89	89	91	92	**93**	**93**	86.7
63	65	71	72	74	79	83	84	84.5	87	81	84	80.4
64	**60**	61	66	72	76	79	75	82	83	82.5	83	**77.1**
66	64	**63**	65	70	78.5	83	81	79	82	84	84	77.4
71	70	**67**	68	73	80	82	80	82	83	84	86	80.3
72	72	74	79	84	80	80	86	86	89	88	89	82.9
79	82	75	72	**71**	77	**71**	**71**	77	81	83	88	78.5
74	**71**	74	75.5	80	86.5	89	91	91	91	**93**	92	84.6
71	77	82	83	81	83	83	88	89	92	93	94	85.6
66	68	70	76	80	85	91	91	93	95	**96**	95	85.1
66	**64**	83	81	91	92	94	94	95	95	96	95	87.3
73	71	**67**	71	73	81	82	82	86	87	84	85	82.7
78	78	84	90	93	**95**	94	92	91	91	90	90	86.8
89	83	82	**78**	85	87	88	86	91	90	91	88	90.5
63	**62.5**	67.5	74	83	87	90	92	94	**95**	**95**	**95**	82.1
71	73	71	**63**	68	79	81	84	84.5	86	85	90	83.3
77	79	82	85	85	88	87	92	92	90	93	93	86.6
80	77	80	83	84	89	90	89	89	93	92	93	86.2
81	87	81	84	87	89	87	89	91	89	89	90	88
69	**62**	64	72	77	78	80	81	83	82	83	83	79.1
60	65	66	71	78	82	86	88	88	89	**95**	94	79.2
73.1	**72.9**	74	75.5	79.5	83.3	84.7	85.4	87	87.9	88.4	89.2	83.5

VAPOR PRESSURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
23	23.1	22.8	23.1	22.3	21.8	21.8	21.1	20.5	20.4	20.5	**20.3**	21.6
23.9	23	22.7	21.9	22	21.9	22	21.7	22	22.3	22.1	22.3	21.9
23.1	**24.5**	24.4	23.8	23	21.9	22.2	22	**21.3**	21.8	21.7	21.7	22.7
23.3	23.1	22.3	22.7	22.2	23	22.2	**21**	22.3	22.8	22.3	22.4	22.5
22.5	20.2	20.2	20.4	20.8	21.1	**19.3**	21.1	21.9	21	21.3	21.7	21.7
23	22.9	23	22	23	**23.2**	23.1	21.9	21	21.5	21.8	21.6	21.9
22.9	**23.6**	22.7	21.3	22.2	22	21.7	21.7	21.9	**19.9**	20.6	20.4	21.9
21.7	21.7	22.1	21.5	21.2	21.7	21.6	21.7	22	21.9	22.4	22.4	21.6
21.9	22	22.2	20.7	21.5	21.7	22	22.2	22.4	22.3	20.7	**20.1**	21.7
22.8	22.8	22.7	21.9	**23.7**	22.6	22.7	22.9	22.9	23	21.7	21.4	21.8
21.7	21.5	22.8	22.6	**24.3**	24.1	23.4	23.5	23.2	22.9	22.5	22.2	22.1
21.7	22.5	22.5	**23.4**	22.3	21.9	21.6	21.1	20.8	20.7	**19.7**	20	21.6
22.4	21.3	21.8	**22.8**	22.1	21.9	22	19.7	19.8	19.5	18.9	19.3	20.6
21.7	21.8	21.6	21.3	21.6	21.4	**22.1**	21.6	20	20.1	20.2	20.2	**20.5**
23.8	**24.4**	22.9	23.1	22.8	22.3	22.6	22.3	21.9	21.7	21.1	21	21.9
24.4	24	**24.5**	23.8	23.7	23.3	23.5	24.2	23.7	23.8	22.9	23	22.7
22.4	22.6	22	**21**	21.1	21.7	21.1	21.1	22.6	**23.2**	**23.2**	**23.2**	22.1
23.1	22.3	22.3	22.2	22.5	22.9	22.3	22.6	**21.6**	21.8	22.2	21.7	22.5
23.6	23.2	23.1	22.9	21.7	22	22	22.9	22.5	22.5	22.4	22.1	22.4
22.9	23.1	23.5	23.3	**24**	23.5	23.3	23.3	23	22.7	22.8	22.4	22.7
22	21.6	24.3	23.7	**24.8**	24.2	24.2	24.3	24.3	23.9	23.2	23	**22.8**
23.9	**23.9**	23.5	**23.9**	22.9	23.2	23.4	23	23.1	22.8	21.9	21.6	22.5
23.2	22.7	23	23.1	22.4	22.4	21.6	21.6	21.3	21.6	21.2	22.1	22.1
22	22.3	**22.8**	22.7	**22.8**	21.8	21.3	21.4	22.6	22.3	21.8	21.4	22.1
22	21.9	22.8	22.9	**24**	23.5	23.4	23.6	23.6	23.6	23	23	22.5
22.4	23.3	23.4	**20.2**	20.8	21.7	21	21.2	20.8	20.9	20.3	20.5	22
24.5	24.2	24.2	23.8	23.8	23	22.3	22.5	21.7	21.3	21	20.4	22.1
22.8	22.3	23.1	**23.4**	23	23.1	22.8	22.4	22.3	22.5	21.9	21.7	21.6
23.8	**24.6**	23.7	23.7	23.7	23.3	21.8	22	22	21.2	21.1	**21**	22.2
20.3	19.9	20.4	21.5	21.7	20.5	20.1	20.1	20.2	20.1	19.8	**19.2**	20.6
20.7	**21.6**	21.2	21.5	21.3	20.9	21.1	21.2	20.9	21	21	20.8	**20.5**
22.7	22.6	**22.7**	22.5	22.6	22.4	22.1	22	21.9	21.8	21.5	21.4	21.9

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Ci.-S.		Ci.-S.		Ci.-S.	NE, E	Ci.-S.	E	Ci.		Ci.-S.	
2	Ci.-S.	E	Ci.-S.	E	Ci.-S.	NEbyE	Ci.-S.	NEbyE	Ci.-S.		Ci.-S.	
3	Ci.-S.		Ci.	EbyS	Ci.	EbyS	Ci.-S.		Ci.-Cu.		A.-Cu.	
4	A.-Cu.		A.-Cu.	E			A.-Cu.		A.-Cu.		Ci.-S.	
5	Ci.-S.	E	Ci.-S.	E	Ci.-S.	EbyN	Ci.-S.		Ci.-S.	EbyN	Ci.-S.	
6	A.-Cu.	WbyN	Ci.-S.		A.-Cu.		A.-Cu.	SWbyW	A.-Cu.		A.-Cu.	
7	A.-Cu.		A.-Cu.	SW	A.-Cu.				A.-Cu.		A.-Cu.	
8	A.-Cu.	W	Ci.-S.	NE	A.-Cu.		A.-Cu.		A.-Cu.		Ci.-S.	
9	A.-Cu.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
10	A.-Cu.	ENE	A.-Cu.		A.-Cu.		Ci.				Ci.	
11	Ci.-S.											
12	Ci.				Ci.-S.	E	Ci.-S.	E	Ci.-S.		Ci.-S.	
13												
14	Ci.		Ci.	ESE	Ci.	ESE	Ci.		Ci.		Ci.	
15	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
16	Ci.-S.	ESE	Ci.-S.		Ci.		Ci.		Ci.-S.		Ci.-S.	
17	Ci.-S.											
18									Ci.-S.		Ci.-S.	
19	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.				Ci.-S.	
20	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
21	Ci.		Ci.-S.									
22	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
23	Ci.-Cu.				Ci.-S.		A.-Cu.	NE	Ci.-S.		Ci.-S.	
24												
25	A.-Cu.	SSE	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
26	Ci.-S.		Ci.-S.		A.-Cu.		A.-Cu.		A.-Cu.			
27	Ci.-S.		Ci.-S.	N	Ci.-S.	N	Ci.-S.				Ci.-S.	
28	A.-Cu.		A.-Cu.	SE	A.-Cu.		A.-Cu.		A.-Cu.			
29			Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
30	A.-Cu.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.			
31	Ci.-S.	NWbyW	Ci.-S.	NWbyW	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	S.-Cu.	ENE	S.-Cu.		Cu.		Cu.		Cu.	NEbyE	N.-cf.	
2	Cu.		Cu.		Cu.		Cu.	SWbyW	Cu.		Cu.	
3	Cu.-N.	WSW	N.-cf.	WSW	Cu.-N.		Cu.-N.		Cu.		Cu.	
4	Fr.-N.	SW	Fr.-N.	SWbyW	N.	WSW	Cu.		Fr.-N.	WSW	Cu.-N.	
5	S.-Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
6	Fr.-N.	W	Fr.-N.	W	Fr.-N.	W	Cu.-N.	W	S.-Cu.	W	S.-Cu.	
7	Cu.		Cu.		Fr.-N.	S	N.		Cu.-N.		Cu.	
8	Cu.		Cu.		Cu.-N.		Cu.	SW	Cu.		Cu.	
9	S.-Cu.		Cu.-N.		S.-Cu.		Cu.-N.		S.-Cu.		S.-Cu.	
10	Cu.	N	Cu.	N	Cu.	N	Cu.		Cu.	NEbyE	Cu.	
11	S.-Cu.		Fr.-N.		Fr.-N.		N.-cf.	EbyS	Fr.-N.		Fr.-N.	
12	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
13	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E
14	Cu.		Cu.		Cu.		Cu.	NE	Cu.		Cu.	
15	Cu.		Cu.		Cu.	NbyE	Cu.	NE	Cu.	ENE	Cu.	NEbyE
16	Cu.		Cu.		Cu.	NW	Cu.		Cu.		Cu.	
17	Fr.-N.	WNW	Fr.-N.	NW	Fr.-N.	NWbyN	Fr.-N.	NWbyN	Fr.-N.	NW	N.	N
18	Fr.-N.		Fr.-N.	WSW	Fr.-N.		N.-cf.	WSW	N.-cf.	WSW	N.-cf.	
19	Cu.		S.-Cu.	SSW	Cu.	SSW	Cu.		N.-cf.	SSW	Cu.-N.	
20	Cu.		Cu.		Fr.-Cu.	SW, SE	Fr.-Cu.	SE	Cu.		Cu.	
21	Cu.		Cu.	E	Cu.	E	Cu.	ESE	Cu.		Cu.	
22	Cu.		Cu.		Cu.	NE	Fr.-Cu.	NNE	Fr.-Cu.	NNE	Cu.	NNE
23	Fr.-N.		Fr.-N.	N	Cu.		Cu.	N	Cu.	N	Fr.-N.	
24	N.	SW	N.		N.		N.		N.		Fr.-N.	
25	Cu.		S.-Cu.		S.-Cu.		Fr.-Cu.		Fr.-Cu.	SE	Cu.	
26	Cu.		Cu.		Cu.	ESE	Cu.	ESE	Cu.		Cu.	
27	Cu.		Fr.-Cu.	E	S.-Cu.		S.-Cu.	E	N.-cf.	E	N.-cf.	
28	S.-Cu.		Cu.	E	Cu.	E	N.-cf.		N.-cf.		Cu.-N.	
29	Fr.-N.		Fr.-N.		Fr.-N.	SE	Cu.	SE	S.-Cu.		N.-cf.	
30	Cu.		Fr.-Cu.		Fr.-Cu.	E	Fr.-Cu.	E	Cu.	E	N.-cf.	
31	Cu.		Cu.		Cu.		Cu.	EbyS	Cu.		Cu.	E

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Ci.-S.		Ci.-S.	E	Ci.-S.	E	Ci.-S.	EbyS	Ci.-S.		Ci.-S.	
Ci.-S.	NE	Ci.-S.	NE	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		A.-Cu.		A.-Cu.		A.-Cu.	
								A.-Cu.			
Ci.-S.	NE	Ci.-S.		Ci.-S.	NE	Ci.-S.		Ci.-S.		Ci.-S.	
A.-Cu.		A.-Cu.		A.-Cu.	W	A.-Cu.	W	A.-Cu.		Ci.-S.	
						A.-Cu.					
Ci.-Cu.		Ci.-S.	NE	Ci.-S.		Ci.-S.		Ci.-Cu.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.		Ci.		Ci.		A.-Cu.	
		Ci.-S.		Ci.-S.				Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		A.-Cu.							
		Ci.-S.		Ci.		Ci.		Ci.		Ci.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
Ci.		Ci.		Ci.-S.	E	Ci.-S.	E	Ci.-S.	E	Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.	EbyN	Ci.-S.	EbyN	Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.					
Ci.-S.		Ci.-S.		Ci.-S.				Ci.-S		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.		Ci.-S.		Ci.		Ci.	
Ci.				Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
		Ci.		A.-Cu.		A.-Cu.		Ci.-S.			
Ci.		Ci.	SE	Ci.-S.		Ci.		A.-Cu.	E	Ci.	
Ci.-S.		Ci.-S.		Ci.-S.							
		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.	
				A.-Cu.	E	Ci.-S.		Ci.-S.		Ci.	
		Ci.-S.		A.-Cu.	ESE	A.-Cu.		A.-Cu.		A.-Cu.	
Ci.-S.				Ci.-S.		Ci.-S.		A.-Cu.		A.-Cu.	
Ci.-S.				Ci.-S.		Ci.-S.		Ci.-S.			
A.-Cu.	SE	A.-Cu.	SE	A.-Cu.		A.-Cu.	SE	A.-Cu.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.	NE	Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		S.-Cu.		S.-Cu.		Cu.-N.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Fr.-N.		Fr.-N.	WSW	Cu.	WSW	Cu.		Cu.	W	Cu.-N.	
Cu.		Cu.		Cu.		Cu.-N.		Cu.-N.	NW	Cu.-N.	
Cu.		Cu.-N.		Cu.-N.		Cu.-N.		N.-cf.		N.-cf.	
N.		N.	SW	N.	SWbyS	N.		Fr.-N.	SWbyS	Fr.-N.	SW
Cu.-N.		Cu.-N.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.	NNW	S.-Cu.		S.-Cu.		S.-Cu.		S.-Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Fr.-N.		N.-cf.	EbyS	Cu.-N.	EbyS	Fr.-N.	EbyS	Fr.-Cu.	EbyS	Cu.-N.	
N.-cf.	E	Cu.	E	N.	E	Cu.	E	Fr.-Cu.	EbyS	Cu.	
Cu.	E	Cu.	E	Cu.		Cu.	E	Cu.		Cu.	
Cu.	NE	Cu.	NE	N.-cf.	NE	Fr.-N.	NE	Fr.-N.	NE	Cu.	
Cu.		Cu.-N.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.-N.	N	S.-Cu.		N.-cf.	
N.-cf.	NW	N.-cf.	NWbyW	N.-cf.	WNW	Fr.-N.	W	Fr.-N.	W	Fr.-N.	
Cu.	WSW	Cu.		N.-cf.	SW	Cu.-N.	SWbyS	Cu.	SWbyW	Cu.	
Cu.		Cu.-N.	SSW	Cu.-N.		Cu.-N.	SSW	S.-Cu.		S.-Cu.	
Cu.		Cu.		Cu.	SE	Cu.	SE	Cu.	SE	Cu.-N.	
Cu.		Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	S.-Cu.		Cu.-N.	
Cu.	NNE	Cu.		Cu.	NEbyE	Cu.		N.-cf.		Cu.	
Cu.		Cu.-N.	N	Cu.-N.	N	N.	N	N.		N.	
N.-cf.	SWbyS	Cu.-N.	SWbyS	Cu.-N.		Cu.-N.		Cu.		Cu.-N.	
Cu.	SE	Cu.		Cu.		Cu.		Cu.		Cu.	
N.-cf.	SE	N.-cf.	SE	Cu.-N.	SE	Cu.		Cu.		S.-Cu.	
N.-cf.	E	Cu.-N.	E	N.-cf.		Cu.		Cu.		Cu.	
Fr.-N.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.		S.-Cu.		S.-Cu.	
Cu.-N.		N.		Cu.-N.		Fr.-N.	E	Cu.-N.		Fr.-N.	
N.-cf.		Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.	E	Cu.	E	Cu.		Cu.		Cu.		Cu.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	N	1.5	NbyE	3	NNW	2	Calm	-------	Calm	-------	Calm	-------
2	Calm	-------	Calm	-------	NNE	.5	NNE	0.5	Calm	-------	Calm	-------
3	WSW	4.5	WSW	5.5	SSW	3.5	WSW	6.5	SW	3.5	S	2
4	Calm	-------	Calm	-------	Calm	-------	Calm	-------	Calm	-------	Calm	-------
5	WSW	3.5	SW	3	WSW	3	W	2	Calm	-------	NNE	.5
6	W	6	W	6	W	6.5	W	4.5	W	5.5	W	1.5
7	SSW	.5	ESE	1	Calm	-------	SSW	1	SSW	1	Calm	-------
8	N	1.5	N	.5	N	1.5	N	1	N	.5	Calm	-------
9	NNE	2	NNE	1.5	N	3.5	N	1	N	2	N	1
10	NNE	2	NNE	1.5	N	5.5	N	3.5	Calm	-------	ENE	1
11	NNW	4	NNW	.5	N	.5	Calm	-------	Calm	-------	N	1
12	Calm	-------	SE	.5	Calm	-------	Calm	-------	Calm	-------	Calm	-------
13	NNE	2	ENE	1.5	Calm	-------	ENE	.5	ENE	1	Calm	-------
14	NNE	.5	Calm	-------	E	1.5	E	.5	E	.5	ENE	1
15	Calm	-------	Calm	-------	Calm	-------	Calm	-------	N	.5	Calm	-------
16	Calm	-------	SSW	1	Calm	-------	Calm	-------	E	1	Calm	-------
17	Calm	-------	NNE	.5	Calm	-------	WNW	4	WSW	2.5	W	3.5
18	SW	15.5	SSW	14.5	SW	13	SW	12	SW	12.5	SWbyW	19
19	SE	2	SE	1.5	SE	1	SE	1	Calm	-------	Calm	-------
20	SW	1	Calm	-------	SW	.5	SW	1	Calm	-------	Calm	-------
21	Calm	-------	Calm	-------	Calm	-------	Calm	-------	SE	1	ENE	1
22	ESE	1	E	1	Calm	-------	Calm	-------	Calm	-------	E	1
23	NNE	2	NNE	2	N	2	N	2.5	N	3	N	1
24	WbyS	16.5	WSW	17.5	WSW	15.5	SW	15	SW	11.5	SbyW	11
25	ESE	2.5	EbyS	3	EbyS	6	ESE	3	ESE	1	ESE	2.5
26	Calm	-------	Calm	-------	Calm	-------	ENE	1	NNE	1	ENE	.5
27	EbyN	1.5	EbyN	1	EbyN	1	NE	1.5	Calm	-------	NE	1
28	N	1	N	1	Calm	-------	NNE	2.5	NNW	4.5	ENE	.5
29	Calm	-------	SE	.5	Calm	-------	Calm	-------	NE	1.5	NEbyE	1
30	NE	1.5	E	1.5	E	.5	Calm	-------	E	1	ENE	.5
31	SEbyE	1	E	3	NNE	.5	NNE	2	Calm	-------	ENE	1
Mean	------------	2.4	------------	2.3	------------	2.2	------------	2.1	------------	1.8	------------	1.7

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	WSW	3	Calm	-------	SW	2	Calm	-------	WSW	1	S	0.5
2	SW	3	SWbyW	5	SW	7	SW	7	SWbyW	5.5	SW	5.5
3	SWbyW	9	SWbyW	6.5	WSW	8.5	SW	4	SW	5	SWbyW	6
4	WSW	10.5	WSW	7	WSW	8.5	SW	5	SWbyW	4.5	SW	4
5	WSW	3	WSW	8.5	WbyS	10.5	W	9	WbyN	5	WbyN	6
6	SWbyW	2	SW	3.5	SWbyW	5	SSW	2.5	SSW	2	WSW	2.5
7	Calm	-------	Calm	-------	WSW	7.5	WSW	6	SW	1	SbyW	4.5
8	W	.5	NW	3	WSW	3	SW	2.5	SWbyW	5	WSW	3
9	N	2	N	.5	NE	.5	N	2.5	NW	1	NW	.5
10	WSW	3.5	WSW	3.5	WSW	3	WbyS	1	WSW	1	Calm	-------
11	NNW	1.5	NNW	1.5	N	3	NNW	3	Calm	-------	Calm	-------
12	WSW	1.5	W	2	SW	1	SW	1	SEbyS	4	ESE	2
13	S	1.5	W	2	W	3.5	W	1.5	W	1.5	Calm	-------
14	SW	2	WSW	4	WSW	2	WSW	2	WSW	1.5	Calm	-------
15	WSW	3.5	WSW	2	WSW	3.5	S	.5	S	1	Calm	-------
16	WbyS	4	WbyS	4	SWbyW	5.5	WbyS	3.5	WSW	3.5	WNW	4
17	WbyS	13	WbyS	16	WSW	18	WbyS	21	WbyS	12	WbyS	19
18	SW	6	SW	7.5	SWbyS	5	SWbyS	5.5	SSW	3.5	S	1
19	SW	1.5	SSW	.5	W	1	WSW	5	WSW	4.5	SWbyW	3
20	WbyS	3	W	4	WSW	5	WSW	3.5	WSW	2	E	2
21	WNW	2.5	NW	2.5	Calm	-------	Calm	-------	Calm	-------	ENE	1
22	WSW	2.5	WbyS	3	WSW	3	SWbyW	1.5	SWbyW	1.5	SSW	1
23	N	4	NNW	3	N	1.5	NE	2	NNE	3.5	NNW	3
24	SSE	5.5	SSE	5.5	SEbyS	7	SEbyS	2.5	SE	2	SEbyS	1.5
25	ESE	5.5	ESE	5.5	SE	3	SSE	5	SE	3.5	SE	2.5
26	NW	2.5	S	.5	ENE	.5	ESE	.5	Calm	-------	Calm	-------
27	SSW	3	ENE	2	Calm	-------	NNW	2.5	WNW	2	Calm	-------
28	SSE	1	ESE	3	E	.5	ENE	1	NNW	1.5	Calm	-------
29	E	2	Calm	-------	ESE	1.5	Calm	-------	Calm	-------	Calm	-------
30	ESE	6	E	7.5	ESE	2	ESE	1.5	SEbyE	2.5	ESE	1
31	E	4	E	2.5	E	3.5	E	4	EbyN	3.5	ENE	2
Mean	------------	3.6	------------	3.7	------------	4	------------	3.4	------------	2.7	------------	2.4

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	----------	Calm	----------	Calm	----------	SW	1.5	WSW	1.5	WSW	4
ESE	0.5	E	0.5	SSE	0.5	SSW	2	SWbyW	2	WSW	4
WNW	4.5	NW	1.5	S	2	WNW	1.5	SWbyW	5.5	WSW	7
Calm	----------	Calm	----------	Calm	----------	WSW	4	WSW	7	WSW	6
Calm	----------	NW	1	NW	4	NNW	3	WNW	4.5	WbyN	3.5
W	4.5	WSW	5.5	NW	3.5	SSW	2.5	SSW	4	SWbyW	4.5
ESE	.5	SE	1.5	SE	2	SSE	2	SE	1	ESE	1
NNE	.5	Calm	----------	Calm	----------	WbyN	3.5	WNW	2	WNW	1
NNE	3	NE	1.5	NNE	1	NNW	1	NWbyW	5.5	NNW	3
NNE	.5	NW	2.5	NW	2	NW	2	WNW	2	W	2
NNE	4.5	NNE	3	Calm	----------	NNE	.5	NNW	.5	NNW	2.5
E	.5	N	1	Calm	----------	WNW	2	NW	3.5	WSW	3.5
Calm	----------	Calm	----------	NW	3	W	4	WSW	1	WSW	2
NE	.5	NNE	1.5	NNE	.5	WSW	1.5	WSW	4	W	2.5
Calm	----------	NNE	.5	Calm	----------	W	3.5	W	3	WbyS	4
NE	.5	Calm	----------	NW	2.5	NNW	3	WNW	4	WNW	4
NW	4.5	W	5.5	WNW	7	W	10	WSW	8	WSW	14
SW	11	SW	8	SW	7	SW	5	SSW	10	SW	6.5
SE	1	ESE	1.5	Calm	----------	Calm	----------	Calm	----------	ESE	2
Calm	----------	ESE	2	SE	1	Calm	----------	SSW	2.5	WSW	2.5
Calm	----------	ENE	.5	S	1	SSE	1.5	SW	3.5	W	2
E	1	Calm	----------	E	1	SSW	1	NWbyW	4.5	WNW	3.5
N	2.5	N	6.5	NbyW	3	NNW	7	NNW	3	NNW	7.5
SbyW	15	SbyW	9	SSE	4	SSE	4	SE	4	SSE	6
E	2.5	ESE	2	SEbyE	4.5	SEbyS	6	SE	5.5	SE	2
E	.5	Calm	----------	Calm	----------	WNW	.5	W	3	WNW	1
Calm	----------	Calm	----------	Calm	----------	NW	3	WSW	2	SWbyW	3.5
Calm	----------	Calm	----------	W	1	WNW	3	NW	2.5	Calm	----------
ENE	2	ENE	.5	E	1.5	ESE	5	ENE	1	ESE	1
ESE	.5	SE	3	E	3	ESE	7	ESE	7	SE	5
Calm	----------	Calm	----------	E	3	EbyN	2	ESE	4.5	ESE	2
------------	2	------------	1.9	------------	1.9	------------	3	------------	3.6	------------	3.7

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		12 m. n.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm	----------	SSE	1.5	Calm	----------	Calm	----------	NE	1	N	1	1
SW	5	WSW	7	WSW	7.5	SWbyW	5	WSW	9	SWbyW	5.5	3.4
S	3.5	SSW	2.5	SW	2	SW	1	SW	1.5	Calm	----------	4
SWbyW	5.5	SWbyW	6	WSW	6.5	WSW	6	WSW	5	SWbyW	3.5	3.7
W	5.5	WNW	4	WNW	4.5	W	7	W	5	WNW	4.5	4.2
SSE	2.5	SbyW	1.5	SSE	1.5	EbyN	1.5	SSE	1.5	SSW	.5	3.4
SSE	2	SE	.5	Calm	----------	Calm	----------	Calm	----------	N	1	1.4
WSW	3.5	WSW	3.5	SW	2	NW	3.5	NW	1	NW	1.5	1.8
Calm	----------	Calm	----------	Calm	----------	Calm	----------	NNW	9	NNW	3	1.9
Calm	----------	Calm	----------	Calm	----------	WNW	1	Calm	----------	NNW	1	1.6
Calm	----------	S	.5	SE	.5	Calm	----------	Calm	----------	SE	.5	1.1
Calm	----------	ESE	1	E	1	ESE	1.5	ESE	2	Calm	----------	1.2
NNW	1.5	Calm	----------	Calm	----------	Calm	----------	WSW	1	NNE	.5	1.2
Calm	----------	NNE	2	ENE	1.5	ENE	1.5	ENE	.5	Calm	----------	1.3
Calm	----------	SSW	1	Calm	----------	Calm	----------	SSW	.5	SSW	.5	1
WSW	3.5	NNW	1.5	Calm	----------	NNW	.5	Calm	----------	NNW	.5	1.9
WbyS	18	WbyS	16.5	SWbyW	12.5	SWbyW	15.5	SWbyW	15.5	SWbyW	15	10.5
SW	3	S	2.5	SSE	3	SSE	2.5	SE	2	SE	2	7.4
SWbyW	4.5	SW	2	SW	.5	Calm	----------	SW	1	SW	1	1.4
E	.5	SE	1	Calm	----------	Calm	----------	Calm	----------	Calm	----------	1.3
S	.5	SbyE	.5	SbyE	.5	Calm	----------	Calm	----------	SSE	.5	.8
Calm	----------	Calm	----------	Calm	----------	NNE	1.5	N	2.5	NNE	3.5	1.4
NNW	5	NW	6	NW	8.5	WNW	10	W	12	WbyS	14.5	4.8
SE	.5	SEbyE	2.5	SEbyE	3	ESE	3.5	EbyS	2	EbyS	2.5	7
Calm	----------	SE	1	ENE	1	ENE	1.5	Calm	----------	Calm	----------	2.9
ESE	1	ESE	1.5	E	1	E	1.5	EbyN	2	EbyN	1.5	.8
NE	.5	ENE	1	ENE	.5	NE	1.5	ENE	1.5	ENE	1	1.2
N	1	N	1.5	N	.5	Calm	----------	Calm	----------	SE	.5	1.1
ESE	.5	ESE	2	SE	1	SSE	2	SSE	1	Calm	----------	1
Calm	----------	E	2	ESE	2.5	SEbyE	2	SEbyE	1	SEbyE	2.5	2.5
EbyS	1.5	Calm	----------	E	1.5	ESE	2	Calm	----------	Calm	----------	1.8
------------	2.2	------------	2.3	------------	2	------------	2.3	------------	2.5	------------	2.2	2.6

WIND—FORCE IN KILOMETERS PER HOUR.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	6	6	6.5	3.5	3	0	0	1	2	5	7.5	**9.5**
2	2.5	1	2	2	2	1.5	4.5	3	3.5	6	11	16
3	32	31	19	18	22	14.5	16.5	17	8.5	19.5	25.5	28
4	1	0	0	1	1.5	3	3	1.5	1.5	5.5	20	22
5	15	13	13	11	6.5	1.5	2	7	15	17	20	19
6	21	**28**	24	21	18	17.5	6	15.5	16	17	18	17
7	1.5	2	3.5	2.5	2	3	3	5	8.5	11.5	10.5	8.5
8	5	3.5	2.5	4.5	3.5	1.5	2.5	3	2	5	10.5	7.5
9	8	5.5	8	5.5	5.5	6.5	6.5	13.5	7.5	4	13	15
10	9.5	7	11	**18.5**	8	3	6	9	9.5	13	13	13
11	7	10	3	3	3	4	9	**15**	6.5	5.5	3	6.5
12	1	.5	1.5	2	1	1	4	1.5	3.5	10	14	**15.5**
13	5	6	4	4	2.5	3.5	1	3	3	11	11.5	12
14	2.5	2.5	3.5	3.5	3.5	2.5	4.5	2.5	3.5	3.5	10	**13**
15	0	1	1	2	2	4	2	6	7	8	**14.5**	13
16	1.5	2	2	4	3.5	1.5	2	1.5	3	10.5	16	16
17	2.5	3.5	2	9	14	12	16	27	24	30	33.5	42
18	**60**	56	49	55	45	58	51	48.5	42.5	34.5	31.5	29.5
19	9	5.5	4.5	4	3	3	4.5	7.5	8	8	6.5	7.5
20	3	1.5	1.5	2	2	1	3.5	4	9	5.5	6.5	10.5
21	.5	.5	2	.5	2.5	3.5	1	.5	2	2.5	6	**15**
22	3.5	3	1.5	.5	.5	.5	5.5	4.5	4.5	3	14	**15**
23	9.5	7.5	8	8	9.5	11.5	12	19.5	23	25.5	29	20
24	66	**70**	64.5	69	48.5	43	45	37	20	26	21	16.5
25	10	10	9	12	7	11.5	13.5	10.5	14.5	19	**20.5**	15.5
26	1	.5	1	2	4.5	5	1.5	4.5	1	6.5	10.5	10
27	4	3.5	4	5.5	3	2	3	2.5	3.5	5	**9**	**9**
28	5	3	1.5	6	11.5	8	4	3	4	8	**15**	12.5
29	2	1	2	2.5	3.5	8	9.5	**11.5**	5	8.5	10	11
30	4.5	4	3.5	1.5	2	3	6	9	10	20	25.5	24
31	5.5	6	5	2.5	4	4.5	3	0	5	8	13	14.5
Mean	9.8	9.5	8.5	9.2	8	**7.8**	8.1	9.5	8.9	11.7	15.1	15.6

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. m.
1	9	7	6	5	5	7	8	7	8	6	6	4	6.5	6 05
2	9	8	8	7	8	9	8	7	9	9	8	10	8.3	7 15
3	9	8	8	8	5	6	7	5	5	6	7	6	6.7	7 15
4	10	7	10	7	9	6	10	10	10	10	10	10	9.1	2 55
5	9	7	7	7	7	9	9	9	9	10	10	10	8.6	5 50
6	8	9	10	7	9	10	10	10	10	10	9	8	9.2	1 25
7	10	8	9	10	9	9	10	10	10	10	10	10	9.6	1 50
8	6	6	9	8	9	9	8	7	8	8	9	7	7.8	8 00
9	9	9	9	9	10	10	10	10	10	10	10	10	9.7	**0 00**
10	6	6	6	4	6	3	5	4	6	7	5	3	5.1	8 00
11	9	10	10	10	10	10	10	10	9	10	7	10	9.6	0 10
12	5	2	3	6	8	7	6	4	7	4	1	2	4.6	9 00
13	0	0	1	1	2	3	3	4	3	3	2	2	**2**	**10 00**
14	4	3	5	4	5	5	5	4	6	4	3	3	4.2	9 50
15	1	1	2	3	5	6	6	5	5	5	6	5	4.2	9 45
16	7	7	7	5	8	8	7	8	8	10	10	9	7.8	6 10
17	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
18	10	10	10	10	10	10	10	8	10	10	10	9	9.8	**0 00**
19	9	10	9	8	10	6	7	6	7	5	6	6	7.4	4 55
20	7	5	5	5	5	5	4	4	5	5	7	8	5.4	8 10
21	3	2	3	4	5	5	4	5	7	4	4	7	4.4	7 05
22	4	3	3	4	3	4	3	3	4	6	8	8	4.4	9 35
23	10	10	9	8	8	10	10	10	10	10	10	10	9.6	**0 00**
24	10	10	10	10	10	10	10	10	9	8	9	10	9.7	0 15
25	9	8	8	6	5	4	5	7	6	8	6	4	6.3	7 40
26	4	4	2	4	5	6	8	5	5	5	7	2	4.8	9 30
27	7	3	5	5	8	8	9	9	9	9	8	5	7.1	5 05
28	8	6	7	8	9	10	9	10	10	10	9	8	8.7	2 50
29	10	10	10	10	10	10	10	10	9	10	10	10	9.9	**0 00**
30	9	8	7	4	6	8	8	5	6	8	8	7	7	4 25
31	7	6	7	7	8	7	6	7	7	7	7	5	6.8	8 00
Total														161 00
Mean	7.4	**6.5**	6.9	6.6	7.3	7.4	**7.6**	7.2	**7.6**	**7.6**	7.5	7	7.2	5 12

WIND—FORCE IN KILOMETERS PER HOUR.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
9.5	9	6	5	3	3	4.5	5	3.5	1.5	1	4	4.4
15.5	25	31	**32**	31	30	27	31	27	28	31.5	26.5	16.3
32.5	27.5	30	28	19	19	13.5	8.5	10	4.5	4	2.5	18.8
30	**34**	30	29	18	14.5	13.5	20	24	22.5	24.5	17	14
16	21	**38**	35	32.5	28.5	27	13	16	18	26	21	18
16.5	18.5	22	17.5	12.5	9	7	11	4.5	4	5.5	5.5	14.7
9	3.5	10.5	**25**	14	11	15.5	5.5	3	4	0	4	6.9
7	12	12.5	14	**21.5**	19	13.5	13	11	11	7.5	2	8.1
12.5	9	7.5	3.5	5	6	3.5	1	2	0	9	**17.5**	7.3
16	11.5	10	8.5	2	1.5	1.5	0	0	2	3.5	1.5	7.4
8.5	8.5	12.5	9.5	5.5	.5	1	4	2	2.5	.5	.5	5.5
11	7.5	9	3.5	9	11	4.5	3	5.5	4	5.5	8	5.7
12.5	11	10	7.5	4.5	4.5	3.5	3	3.5	.5	2.5	3	5.5
13	12	10	8.5	6.5	4	2	6	7	5	5	3	5.7
14.5	11	9.5	9	5	2	3.5	2.5	2.5	2.5	2	3	5.3
14	17	20	**26**	24	13.5	16.5	7	3	5	2	1	8.9
51	53	57.5	60	57	**64**	60	58.5	60	56	63.5	62.5	**38.3**
28	30	38	26	19.5	12.5	15	10	10	11	7	8	32.3
6	7	10	**24**	23	21.5	21.5	11.5	4	3	3.5	3	8.7
12.5	15.5	**18**	14.5	12	3	3	4.5	2	1	.5	1.5	5.8
13	12	3	10.5	2.5	5	3	1.5	2	2.5	0	0	**3.8**
13.5	13.5	12	10	7.5	1.5	2.5	2.5	2	3	6	9	5.8
22	13.5	13.5	6.5	10.5	14	19	24.5	29.5	32.5	43.5	**55**	19.5
20.5	20	19	15	10	5	5.5	9	9	11.5	6	8	27.7
20	19	17	15	15.5	10	6.5	3.5	3	6.5	2.5	0	11.3
11	7.5	6.5	9	9	3	6	4	5	4	4	6	5.1
8	5	6	2.5	5.5	3	3.5	3.5	3	6	6	5	4.6
1.5	3.5	10.5	7	2.5	3	3	5.5	5.5	3	1	2	5.4
8	6.5	4.5	4	1	1.5	7.5	6.5	5	8	7	2	5.7
19	**26**	21	11.5	9.5	11	8	7	7	8.5	6.5	5.5	10.6
19.5	13	18.5	17.5	11.5	7.5	4.5	3.5	5.5	5.5	1.5	.5	7.5
15.9	15.6	**16.9**	16	13.2	11	10.5	9.3	8.9	8.9	9.3	9.3	11.1

FREQUENCY OF THE WIND.

Day.	N.	NNW.	NW.	WNW.	W.	WSW.	SW.	SSW.	S.	SSE.	SE.	ESE.	E.	ENE.	NE.	NNE.	Calm.	Total wind velocity.	Rainfall.
																		Kms.	*mm.*
1	2	1	------	------	------	4	2	------	1	1	------	------	------	------	1	1	11	105	------
2	------	------	------	------	------	9	5	1	------	1	------	1	1	------	------	2	4	390.5	------
3	------	------	1	2	------	9	6	2	3	------	------	------	------	------	------	------	1	450.5	4.7
4	------	------	------	------	------	13	2	------	------	------	------	------	------	------	------	------	9	337	16
5	------	1	2	7	6	4	1	------	------	------	------	------	------	------	------	1	2	432	.3
6	------	------	1	------	7	5	1	6	------	3	------	------	1	------	------	------	------	352.5	1.1
7	1	------	------	------	------	2	1	4	------	2	4	3	------	------	------	------	7	166.5	22.4
8	5	------	4	3	1	5	2	------	------	------	------	------	------	------	------	1	3	195	------
9	7	4	3	------	------	------	------	------	------	------	------	------	------	------	2	4	4	175	2.3
10	2	1	3	2	2	4	------	------	------	------	------	------	------	1	------	3	6	178.5	------
11	3	7	------	------	------	------	------	------	1	------	2	------	------	------	------	3	8	131	1.8
12	1	------	1	1	1	2	2	------	------	1	1	4	2	------	------	------	8	137	.1
13	------	1	1	------	5	3	------	------	1	------	------	------	------	3	------	2	8	132.5	------
14	------	------	------	------	1	6	1	------	------	------	------	------	3	4	1	4	4	137	------
15	1	------	------	------	3	3	------	3	2	------	------	------	------	------	------	1	11	127.5	------
16	------	4	1	3	3	3	------	1	------	------	------	------	1	------	1	------	7	212.5	.5
17	------	------	1	2	10	8	------	------	------	------	------	------	------	------	------	1	2	**918.5**	1.9
18	------	------	------	------	------	1	14	3	2	2	2	------	------	------	------	------	------	775.5	36.7
19	------	------	------	------	1	4	5	1	------	------	5	2	------	------	------	------	6	209	6.1
20	------	------	------	------	2	4	3	1	------	------	2	1	2	------	------	------	9	138	------
21	------	------	1	1	1	------	1	------	4	2	1	------	------	3	------	------	10	**91.5**	.8
22	1	------	1	1	1	4	------	2	------	------	------	1	4	------	------	2	7	139	------
23	9	6	2	1	2	------	------	------	------	------	------	------	------	------	1	3	------	467	14.5
24	------	------	------	------	1	2	2	3	------	8	5	3	------	------	------	------	------	665	**53.6**
25	------	------	------	------	------	------	------	------	------	2	7	9	1	2	------	------	3	271.5	.3
26	------	------	1	2	1	------	------	------	1	------	------	3	5	3	------	1	7	123	.8
27	------	1	1	1	------	2	------	1	------	------	------	------	3	5	4	------	6	111	1.1
28	5	2	1	1	1	------	------	------	------	1	1	1	1	2	------	1	7	129.5	------
29	------	------	------	------	------	------	------	------	------	2	2	5	2	4	1	------	8	136	------
30	------	------	------	------	------	------	------	------	------	------	6	8	6	1	1	------	2	253.5	------
31	------	------	------	------	------	------	------	------	------	------	1	4	9	2	------	2	6	179.5	------
Total	37	28	25	27	49	97	48	28	15	25	39	45	41	30	12	32	166	8,267.5	165
Mean	1.2	.9	.8	.9	1.6	3.1	1.5	.9	.5	.8	1.3	1.5	1.3	1	.4	1	5.4	266.7	5.3

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
1	759.20	9-25a.	31.5	3-45p.	97	23.3	756.40	2-50p.	23.3	5-45a.	70	20.3
2	58	0-05a.	31.5	1-20p.	95	24	54.72	3-00p.	22.5	5-05a.	70	19.8
3	57.10	9-15p.	30.8	2-15p.	91	24.5	54.55	2-30p.	25.2	6-50a.	72	21.3
4	56.60	8-55p.	30.7	0-40p.	93	24	54.50	2-45p.	24.2	4-45a.	79	21
5	56.37	10-00a.	32	2-05p.	96	23	53.40	2-35p.	24.5	5-45a.	61	19.3
6	57.45	10-15p.	30.4	11-15a.	92	23.2	53.95	3-10a.	24.5	9-50p.	76	20.4
7	59.90	9-45p.	29.6	9-30a.	96	23.6	55.95	2-35p.	22.9	10-05p.	78	19.9
8	60.05	9-30a.	31.7	2-45p.	97	23.5	57.15	2-55p.	23	4-50a.	66	20.4
9	60	9-55a.	29.3	1-20p.	91	22.5	57.20	3-35p.	23.7	11-35p.	74	20.1
10	59.56	8-00a.	31.6	3-20p.	94	23.7	56.05	3-50p.	22.9	5-30a.	68	20
11	59.75	11-10p.	30.2	3-25p.	93	24.3	56.40	3-15p.	24.3	4-20a.	73	20.5
12	60.45	10-15p.	32.6	2-05p.	92	23.4	57.40	2-30p.	23.3	5-50a.	63	19.7
13	60.60	9-15a.	**32.9**	2-15p.	**90**	22.8	57.15	3-50p.	22	5-45a.	**60**	**18.1**
14	59.82	8-00a.	32.4	2-40p.	**90**	22.1	56.30	3-35p.	**21.9**	5-35a.	63	18.3
15	58.35	9-05a.	32.5	1-55p.	94	24.4	55.30	3-30p.	23	6-10a.	67	20
16	56.75	7-55a.	32	2-40p.	91	24.5	52.81	4-00p.	23.9	6-05a.	71	20.5
17	**53.15**	0-05a.	29.3	11-35a.	91	23.2	48.10	3-05p.	**25.5**	3-20a.	71	21
18	55.15	10-15p.	30.4	1-45p.	93	23.1	48.90	1-00a.	24.7	11-55p.	71	**21.6**
19	57.80	10-40p.	32.1	1-10p.	95	23.6	54.05	2-20a.	24.2	2-15a.	71	21.3
20	59.50	11-00p.	32.5	1-15p.	96	24	56.20	3-15p.	23.4	5-35a.	66	20.8
21	60.30	8-25a.	32.2	1-50p.	97	**24.8**	57.50	2-45p.	23.5	6-00a.	64	20.6
22	60.55	8-40a.	32.2	3-15p.	95	23.9	56.92	3-00p.	23.4	5-45a.	67	20.5
23	58.70	0-05a.	29.8	10-30a.	95	23.2	49.40	12-m. n.	24.3	7-10p.	76	20.5
24	58.30	10-30p.	**28.9**	3-55p.	**98**	22.8	**45.70**	3-55a.	23.5	9-25a.	78	21.1
25	60.60	10-25p.	32.7	2-10p.	95	24	57.50	2-00a.	24.3	4-55a.	62.5	20.8
26	**60.80**	7-35a.	31.9	11-30a.	**98**	23.8	**57.99**	2-00p.	23.8	5-50a.	63	20.2
27	60.30	0-05a.	30.9	0-55p.	95	24.5	57.10	3-55p.	23.3	5-15a.	72	19.9
28	59.35	0-10a.	30	2-30p.	96	23.4	56.20	3-20p.	22.4	2-55a.	74	19.3
29	59.75	9-20p.	29.9	2-40p.	95	24.6	56.75	3-15p.	24.1	6-25a.	**80**	21
30	59.60	10-50p.	31.4	2-45p.	92	22.5	56.30	2-50p.	23.8	5-40a.	62	19.2
31	60.45	9-45p.	32	0-05p.	95	**21.6**	57.50	3-05p.	23.2	6-05a.	**60**	19
Mean	758.85	--------	31.2	--------	94.1	23.5	755.01	--------	23.6	--------	69.3	20.2

DAILY GENERAL REMARKS.

1----⌓, d in the morning; p 1.20p.; coloration of upper clouds at sunset.
2----○, convergence of Ci. toward NNE in the afternoon; somewhat gusty SWly winds in the afternoon and night; coloration of upper clouds at sunset; ⩽ SSW in the evening.
3----● in the morning; somewhat gusty WSW winds in the forenoon and afternoon.
4----Frequent ● or d, especially in the early morning; gusty WSW winds in the forenoon, afternoon and evening.
5----Convergence of Ci. toward ENE in the forenoon; ○, gusty Wly winds in the afternoon; p, coloration of upper clouds in the evening.
6----p at night.
7----● a. p.; ⊤ NE in the afternoon; ⩽ S in the evening.
8----○² a.; ⌈⩽° S in the afternoon.
9----○ a. p.; p at night.
10----c
11----● 5.38a.; ⩽ NE in the morning; ⩽ WSW in the evening.
12----Coloration of upper clouds at sunrise; ○² a.; p in the afternoon.
13----b
14----⌓ a.
15----⌓ a.
16----≡ a. ○², ⌈⩽ N, ● in the afternoon; coloration of upper clouds at sunset.
17----Moderate to strong gale from W in the afternoon with some passing rains.
18----●, gusty SWly winds during the early morning; ○ p.; ● in the evening.
19----d in the forenoon; ● in the afternoon.
20----⌈⩽° SE quad. in the evening.
21----⊤ NNE, ⌒, ● in the afternoon; ⩽ NNW in the evening.
22----Coloration of upper clouds at sunset.
23----● p., gusty Wly winds at night.
24----Moderate WSW gale in the early morning; ● a.; ⍦ in the evening.
25----d at night.
26----● in the early morning; ⏝ in the evening.
27----d° a.; ● p.
28----d°, ⌈⩽ ENE in the afternoon.
29----d° in the morning; ●° in the afternoon.
30----Slight convergence of Ci. toward WNW in the morning.
31----○ a.; convergence of Ci. toward W in the forenoon and afternoon.

OBSERVATIONS FOR NOVEMBER, 1909.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.85	59.35	59.20	59.30	59.35	59.88	60.34	60.63	**60.82**	60.53	59.92	59.23
2	59.45	59.35	59.10	58.95	59.05	59.76	60.34	**60.59**	**60.59**	60.27	59.55	59.09
3	59.05	58.70	58.65	58.65	58.90	59.40	59.71	60.09	**60.60**	60.35	59.75	59.14
4	58.60	58.45	58.20	58.30	58.40	58.94	59.23	59.45	**59.61**	59.44	58.83	58.17
5	58.05	57.60	57.40	57.35	57.55	57.99	58.56	59.14	**59.38**	58.98	58.84	57.83
6	58.05	57.55	57.35	57.30	57.20	57.53	57.86	58.32	**58.53**	58.45	57.89	57.23
7	**54.95**	54.45	53.85	53.55	53.75	54.19	53.99	54.23	54.53	54.52	53.74	53.06
8	54.50	54.30	**54.25**	54.50	55.10	56.05	56.40	56.76	57.19	57.21	56.59	56.02
9	57.55	57.30	56.95	57.20	57.20	57.70	58.44	58.88	58.95	58.85	58.66	58.17
10	59.65	59.20	59.15	59.20	59.55	59.93	60.60	60.88	61.30	**61.49**	60.62	60.23
11	60.40	60.20	59.75	59.60	59.90	60.52	61.03	61.64	**61.79**	61.45	61.07	60.38
12	60.90	60.50	60.40	60.10	60.40	60.72	61.27	61.67	**61.87**	61.69	61.02	60.28
13	61	60.80	60.45	60	60.05	60.51	60.93	61.30	**61.47**	61.08	60.87	60.29
14	**59.45**	59.10	58.80	58.45	58.45	58.59	58.49	58.91	59.23	59.10	58.29	57.59
15	**54.55**	54.10	53.25	52.95	53.95	54.01	53.99	53.39	53.23	52.68	51.23	50.98
16	52.75	52.50	**52.40**	52.45	52.70	53.23	54.01	54.81	54.90	54.41	54.29	53.74
17	54.85	54.40	54.45	54.45	54.65	54.87	55.33	55.84	55.75	55.80	55.54	54.87
18	55.70	55.30	**54.95**	55.25	55.35	56	56.69	56.76	56.80	56.76	56.39	56.13
19	56.90	56.60	56.50	56.25	56.50	56.93	57.31	**57.57**	57.31	57.23	57.04	56.42
20	56.80	56.30	56.35	56.40	56.60	56.81	57.39	57.59	57.59	57.34	57.05	56.42
21	57.75	57.30	57.25	57.30	57.75	58.04	58.56	58.96	59.31	59.03	58.90	58.46
22	58.85	58.40	58.25	58.35	58.50	58.91	59.66	60.18	**60.33**	60.17	59.74	59.08
23	59.30	58.75	58.75	58.65	58.90	59.34	59.75	60.20	**60.32**	60.04	59.39	58.72
24	59.45	59	58.85	58.90	59	59.49	59.89	60.33	**60.47**	60.23	59.74	58.97
25	59.25	59	58.80	**58.50**	58.90	59.30	60.01	60.50	**60.84**	60.54	60.55	60.09
26	59.50	59.25	58.95	59.05	59.25	59.61	59.98	60.45	**60.84**	60.72	60.44	59.94
27	59.85	59.30	59.45	59.30	59.55	59.75	60.16	60.47	**60.67**	60.39	59.95	59.63
28	60	59.70	59.45	59.60	59.60	60.36	60.83	61.54	**61.63**	61.39	61.03	60.21
29	60.10	59.75	59.60	59.60	**59.55**	59.96	60.32	60.99	**61.40**	61.25	61.02	60.63
30	60.85	60.45	60.20	59.90	60.10	60.57	60.79	61.56	**61.85**	61.52	61.35	60.82
Mean	58.26	57.90	57.70	57.64	57.86	58.30	58.73	59.12	**59.30**	59.10	58.64	58.06

TEMPERATURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23.9	23.8	23.3	**23.2**	23.4	23.4	25.2	27	28.2	28.4	28.1	**29.5**
2	24.6	24.3	24.3	24.1	24	**23.8**	25.3	26.8	27.2	28.2	29.3	**30**
3	23.7	23.3	23	22.8	**22.6**	23.2	23.7	25.1	26.9	27.5	28.8	28
4	24.7	24.4	24.2	23.9	23.4	23.5	24	24.8	26.3	27.5	29.2	29.9
5	22.9	**22.6**	**22.6**	22.8	23.6	23	25.2	25.7	26.8	28.7	26	28.9
6	23.4	23.7	23.4	23.2	**22.7**	24.7	25.1	25.6	25.9	27.2	26.5	25.4
7	23.6	23.6	23.5	**23.4**	**23.4**	**23.4**	24.5	24.3	25.7	26.3	**27.2**	25.8
8	26.2	26.1	25.9	26	25.8	25.7	25.9	27.1	27.5	28	29.5	30.4
9	24.6	24.5	24.2	24.2	**24.1**	**24.1**	25.4	27.7	28.8	28.9	30.7	31.2
10	24.9	24.7	24.5	24.3	**24.1**	**24.1**	24.5	26.2	26.4	26.8	26.7	27.5
11	24.1	23.8	**23.7**	**23.7**	**23.7**	**23.7**	24	25.7	27	28	29.5	28.4
12	23.4	23.1	22.9	**22.8**	**22.8**	23	24.4	25.7	26.8	28.9	29.5	30.8
13	23	22.8	22.5	22.4	**22.3**	22.6	24.7	26.3	26.9	28.5	28.5	29.6
14	23.8	24	23.7	23.7	23.1	**22.9**	23.6	26.1	27.6	**28.8**	28.3	28.3
15	24.9	23.7	23.6	23.5	23.1	**22.6**	**22.6**	23.8	24.4	24.1	25.5	24.8
16	24.8	24.8	24.6	24.5	**24.4**	24.7	25.5	26.4	27.4	28.7	29.9	28.5
17	25.7	25.6	25.3	25.2	25.1	24.7	24.9	26.3	27	28	29.7	30.5
18	23.7	24.3	24.9	24.8	24.6	24.6	25.3	26.2	26.5	27.3	28.5	28.1
19	23.5	23.5	23.5	23.2	23	**22.9**	24.6	25.3	27.4	28.6	28.8	30.1
20	23.3	23	22.8	22.5	22.2	**22.1**	22.6	25.9	27.8	29.1	30	30.5
21	23.5	23.1	23.2	23.2	22.8	**22.7**	23.8	26.5	28	29.4	29.5	30.6
22	24.5	24.4	24.3	24	23.9	**23.5**	24.7	27.2	28.4	29.5	30.6	30.6
23	24.6	24.5	24.5	**24.3**	24.4	**24.3**	25	27.2	28.2	29.5	30	30.1
24	25	24.6	24.3	23.4	23.6	**23.3**	24.2	26.6	27.9	29.2	29.7	30.4
25	23.5	23.6	23.3	**23.1**	23.2	23.7	24	25.1	26.7	**27.7**	26.3	26.6
26	23.7	23.7	**23.6**	**23.6**	**23.6**	**23.6**	24.4	24.8	26.1	26.2	27	26.8
27	24.2	24	23.8	23.8	23.9	23.5	23.5	24.8	26.2	27.4	28.5	28.2
28	22.8	**22.6**	**22.6**	**22.6**	22.7	22.7	22.8	23.3	24.4	25.3	27	**27.6**
29	23.8	23.7	23.6	23.5	23.2	**23**	23.5	26.2	26.4	**28.5**	28.1	28.4
30	23.1	22.9	23.2	23.1	23	22.9	23.5	25.9	27.2	28.9	29.2	**30.3**
Mean	24	23.9	23.8	23.6	**23.5**	**23.5**	24.3	25.9	26.9	28	28.5	**28.9**

ATMOSPHERIC PRESSURE, $700^{\mathrm{mm}}+$.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
58.68	**58.34**	58.37	58.38	58.53	58.97	59.39	59.85	60.25	60.40	60.30	59.85	59.57
58.49	57.98	57.82	**57.77**	58.04	58.42	58.64	59.15	59.55	59.65	59.65	59.55	59.20
58.25	57.81	**57.48**	57.68	57.74	57.92	58.79	59.20	59.40	59.25	59	58.90	58.93
57.47	56.96	56.63	**56.62**	56.88	57.29	57.84	58.35	58.60	58.60	58.65	58.50	58.25
57.01	56.42	**56.38**	56.69	56.97	57.28	57.87	58.75	59.10	58.95	58.80	58.30	57.97
56.20	55.16	**55.10**	55.48	56.14	56.39	56.51	56.85	56.85	56.55	56	55.40	56.91
52.52	**52.30**	52.56	52.46	52.58	52.77	53.62	54.20	53.70	54.45	54.30	54.65	53.70
55.26	54.86	55.07	55.16	55.84	56.40	56.83	57.25	57.45	**57.70**	57.45	57.60	56.07
57.36	56.91	**56.86**	57.46	58.34	59.09	59.46	59.90	60	**60.35**	60.30	60.10	58.42
59.52	58.77	**58.03**	58.09	58.39	58.90	59.85	60.55	60.90	61.10	60.90	60.75	59.90
59.75	59.13	58.91	**58.84**	59.58	59.84	60.20	60.75	61.25	61.50	61.40	61.30	60.42
59.52	59.44	59.03	**58.99**	59.34	59.88	60.41	61.05	61.45	61.70	61.75	61.40	60.62
59.84	59.44	**59.03**	59.18	59.30	59.78	59.99	60.20	60.30	60.40	60.15	59.90	60.26
56.75	56.42	56.17	56.64	56.79	56.12	56.36	56.35	56.55	56.55	55.95	**55.30**	57.52
50.49	49.97	49.63	**49.31**	50.02	50.71	51.81	52.45	52.40	52.70	52.90	52.80	**52.23**
52.95	52.78	52.78	53.04	53.67	53.79	54.36	54.80	55.05	**55.20**	55.05	54.95	53.78
53.88	53.68	**53.47**	54.09	54.80	55.32	56.04	55.95	56.05	**56.20**	55.90	55.80	55.08
55.70	55.17	54.98	55.15	55.74	56.47	57.03	57.35	**57.45**	57.40	57.40	57.15	56.21
55.68	**55.27**	55.32	55.47	55.93	56.12	56.58	57.15	57.35	57.25	57.05	56.90	56.61
55.88	55.61	**55.29**	55.58	56.23	56.87	57.41	58.10	**58.30**	58.20	58.10	57.95	56.92
57.86	57.29	57.06	**56.98**	57.32	57.98	58.63	59.30	59.65	**59.80**	59.60	59.10	58.30
58.36	57.76	**57.50**	57.70	58.16	58.49	58.89	59.25	59.70	59.75	59.65	59.50	58.96
57.92	57.47	**57.17**	57.25	57.77	58.42	58.91	59.55	59.65	59.90	59.95	59.70	58.99
58.29	57.58	**57.34**	57.63	57.99	58.39	59.01	59.55	59.85	59.90	59.80	59.85	59.15
59.43	58.99	58.73	58.71	58.99	59.24	59.49	60.25	60.55	60.40	60.30	59.95	59.64
59.51	58.84	**58.20**	58.46	58.71	59.55	59.87	60.30	60.25	60.25	59.75	59.85	59.65
58.75	58.54	**58.38**	58.76	59.19	59.55	59.99	60.30	60.60	60.50	60.35	60.30	59.74
59.25	58.95	**58.52**	58.58	58.93	59.07	59.55	59.90	60.45	60.55	60.40	60.25	59.99
60.28	59.83	59.63	59.65	59.96	60	60.32	60.80	61.05	61.10	61.25	60.75	60.37
60.22	**59.64**	59.70	59.82	59.92	60.38	60.74	61.40	61.45	61.30	61.40	61	**60.71**
57.37	56.91	**56.70**	56.85	57.26	57.65	58.15	58.63	58.84	58.92	58.78	58.58	58.14

TEMPERATURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
28.2	27.2	26.6	27.6	27	26.7	26.4	26.1	25.4	25	25	24.8	26
28	29.3	28	28.4	28	26.5	26	24.9	24.4	24	24	24	26.1
27.7	**29.3**	28.5	28.7	27.8	26.5	26.5	25.8	25.3	25	24.7	24.9	25.8
28.5	30.1	30.1	**30.3**	28.5	26.8	25.6	24.8	24.6	24.2	23.6	**23.2**	26.1
29.2	**30.4**	28.6	29.3	27.6	25.8	25.5	25.5	24.2	23.5	23.4	23.3	25.6
26.9	**27.6**	26	24.8	24.5	24.2	23.7	24.1	23.9	23.9	24.4	24.1	24.8
25.1	25.2	25	24.3	24.1	25.1	24.8	25	25.5	26.1	26.1	26.2	24.9
29.9	**30.7**	27.3	27.8	26.7	25.6	25.5	25.4	25.5	25.3	25	**24.7**	26.8
31.8	30.4	30	28.8	27	25.8	25.6	25.4	25.5	25.4	25.3	25.1	26.9
28.2	28.7	**29.3**	28.9	26.7	25.9	25.8	25.3	24.7	24.6	24.4	24.3	25.9
28.6	29	**29.6**	27.5	26.4	25.1	25.4	24.3	24.4	24.3	24.2	**23.7**	25.7
31.3	28.2	28.4	29.1	27.8	25.6	25.2	24.3	23.8	23.7	23.8	23.5	25.8
29.9	28.5	27.9	28.2	26.6	25.9	25.1	24.7	24.4	24.2	24	23.8	25.6
27.5	27.5	26.5	25	24.6	24.2	24.6	24.5	24.2	24.9	25	24.8	25.3
25	25.8	26.2	**26.6**	25.8	25.8	24.6	24.9	24.7	24.9	24.9	24.9	**24.6**
30.2	**30.4**	29.6	28.5	27.7	26.6	26.1	25.9	25.9	25.8	25.7	25.8	26.8
30.6	29.8	28.3	27.5	25.9	24.3	23.8	23.6	**23.4**	23.6	23.7	23.9	26.1
28.8	**29**	28.3	27.8	26.1	25	23.8	24.8	24.1	23.8	23.7	**23.6**	25.7
30.5	30.2	29.7	28.9	27.8	27.4	27.2	26.5	24.9	24.4	23.8	23.4	26.2
30.9	**31**	28.8	29.4	28.2	27.5	27.3	26.5	25.5	24.5	24.1	23.5	26.2
30.1	**30.8**	30.4	29.6	28	27.5	27.5	27.3	26.4	25.8	25.3	24.8	26.7
31.2	30.9	30.9	29.5	28.3	28.1	27.7	27.2	26.3	25.5	25.3	24.8	**27.1**
30.3	**30.5**	**30.5**	30.2	28.6	27.4	26.8	26.4	25.8	25.8	25.5	25.1	**27.1**
30.8	30.7	30.6	28.2	27.4	27	26.1	25.5	25.3	24.6	24	23.7	26.5
26.8	26.6	26.7	26.2	26.4	25.2	25	24.7	24.4	24.3	24	23.6	25
26.9	27.4	**28**	26.2	25.6	25	24.8	24.4	24.4	24.5	24.6	24.3	25.1
29.1	27.6	26.9	25	24.8	24.4	24	23.7	23.4	23.2	**22.9**	**22.9**	25
26.6	24.6	26.6	27.5	27	25.9	25.2	24.9	24.6	24.5	23.8	23.8	**24.6**
26.2	26.2	25.5	24.8	24.5	24	23.8	23.5	23.4	23.3	23.3	23.2	24.7
29.6	29.9	28.7	28.3	26.5	24.7	23.6	23.4	23.4	23.1	**22.8**	22.9	25.4
28.8	28.8	28.2	27.8	26.7	25.8	25.4	25.1	24.7	24.5	24.3	24.2	25.8

RELATIVE HUMIDITY.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	96	96	**97**	**97**	96	94	88	77	74	75	77	**71**
2	**91**	89	89	89	88	89	86	80	75	**68**	69	69
3	91	93	**94**	**94**	**94**	92	92	89	80	76	**71**	77
4	92	93	94	96	**97**	96	96	93	86	79	76	74
5	89	90	90	88	86	89	84	83	74.5	71	85	75
6	89	88	88	89	91	83	81	80	80	**74**	78	84
7	**97**	**97**	**97**	**97**	**97**	**97**	88	92	86	84	**78**	88
8	85	85	85	82	84	82	84	80	80	82	**70**	**70**
9	93	93	93	93	94	93	87	79	75	73.5	68	67
10	96	**97**	96	96	**97**	96	95	89	89	86	90	86
11	**97**	**97**	**97**	**97**	**97**	**97**	96	92	86.5	80	**72**	78
12	96	**97**	**97**	**97**	**97**	**97**	94	85	82	76	72	66
13	90	90	90	90	**91**	90	86	77	73	70.5	70.5	65
14	91	91	92	92	96	**97**	94	78	70	**67**	68	69
15	89	94	94	94	**97**	**97**	**97**	88	91	93	88	92
16	92	92	94	94	**95**	92	92	85	81	78	72	78
17	85	84	85	88	87	88	88	82	79	77	69	**68**
18	95	94	92	93	94	93	93	86	85	83	77.5	79
19	96	**97**	96	96	**97**	**97**	96	94	84	71	73	71
20	90	91	91	91	90	91	90	85	78	71	68	68
21	92	91	90	90	92	**93**	91	86	79	72	70	**64**
22	91.5	91	91	92	93	**95**	94	87	82	79	74	71
23	**92**	91	91	91	91	91	91	83.5	82	75	73	70
24	88	90	90	**91**	90.5	**91**	89	83	78	71.5	72	71
25	90	**90.5**	90	90	90	88	90	83	78	74	76	77
26	**85**	**85**	**85**	**85**	**85**	84	78	79	77	77	**70**	71
27	77	77	81	79	77	80	79	73	70	70	**64**	67
28	93	94	94	94	95	**97**	**97**	**97**	91	87	83	82
29	90	89	89	89	91	93	92	82	80	76	**75**	**75**
30	92	**93**	91	91	92	90	88	81	73	64	60	**54**
Mean	91	91.3	91.4	91.5	**92**	91.7	89.9	84.3	80	76	73.6	**73.2**

VAPOR PRESSURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.1	20.9	20.5	20.4	20.4	**20.1**	20.8	20.3	21.2	21.5	21.6	21.7
2	20.8	20.1	20.1	19.8	19.5	19.4	20.6	20.8	20.2	**19.2**	20.9	21.7
3	19.9	19.8	19.6	19.3	**19.1**	19.5	20.1	21.1	20.9	20.8	21	21.7
4	21.2	21.2	21.1	21.1	20.6	20.6	21.2	21.7	21.9	21.6	23	**23.2**
5	18.4	18.4	18.4	**18.1**	18.7	18.5	20.1	20.4	19.5	20.9	21.3	**22.1**
6	19	19.1	18.8	**18.7**	**18.7**	19.1	19.2	19.5	19.9	19.8	20	20.3
7	21.1	21.1	21	20.8	20.8	20.6	**20.1**	20.9	21.1	21.3	21	21.6
8	21.6	21.3	21	20.6	20.7	**20.1**	20.8	21.2	21.8	22.9	21.6	22.4
9	21.4	21.3	20.9	20.9	21	**20.8**	20.9	21.6	22	21.7	22.2	22.6
10	22.4	22.3	21.9	21.6	21.7	**21.4**	21.7	22.4	22.7	22.6	23.3	**23.4**
11	21.5	21.3	21.2	21	21.2	21	21.2	22.5	22.9	22.5	22.2	22.4
12	20.4	20.5	20.2	20.1	20.1	20.2	21.3	20.9	21.4	**22.5**	22	21.8
13	18.8	18.6	18.3	**18.2**	**18.2**	18.4	19.8	19.6	19.2	20.4	20.4	20.1
14	19.8	20.3	20.1	20.1	20.1	20	20.3	19.5	19.4	19.8	19.3	19.7
15	20.9	20.5	20.3	20.2	20.5	19.8	19.7	**19.3**	20.6	20.8	21.4	21.5
16	21.5	21.5	21.6	21.5	21.6	21.2	22.2	21.7	21.8	22.7	22.6	22.6
17	20.9	20.6	20.4	20.8	20.5	20.4	20.6	20.8	20.9	21.5	21.5	21.9
18	20.6	21.2	21.6	21.7	21.6	21.4	22.3	21.8	21.8	22.3	22.4	22.2
19	20.6	20.7	20.6	20.2	20.2	20.2	22	**22.6**	**22.6**	20.5	21.4	**22.6**
20	19	19	18.8	18.4	**17.9**	18	18.4	21	21.6	21.2	21.4	**21.9**
21	19.8	19.1	19.1	19.1	**19**	**19**	19.8	22	**22.3**	21.8	21.6	20.9
22	20.9	20.8	20.6	**20.4**	20.5	**20.4**	21.8	23.2	23.5	24.1	**24.3**	23.1
23	21.1	20.7	20.7	20.5	20.8	20.5	21.3	22.4	**23.2**	22.8	22.9	22.2
24	20.8	20.7	20.3	19.5	19.6	**19.4**	19.9	21.5	21.8	21.5	22.3	22.8
25	19.5	19.6	19	18.8	19.1	19.1	19.9	19.8	20.3	**20.5**	19.4	20
26	18.6	18.6	18.3	18.3	18.3	18.1	17.8	18.3	19.4	19.5	18.4	18.5
27	17.2	**17**	17.6	17.3	17.1	17.1	**17**	**17**	17.8	19.1	18.4	19
28	19.2	**19.1**	**19.1**	**19.1**	19.4	19.8	20.1	20.5	20.8	20.8	22.1	22.5
29	19.7	19.3	19.2	**19.1**	19.3	19.4	19.8	20.8	20.5	22	21.2	21.5
30	19.4	19.3	19.3	19.1	19.2	18.7	18.9	**20**	19.4	18.9	18.2	17.3
Mean	20.2	20.1	20	19.8	19.8	**19.7**	20.3	20.8	21.1	21.2	21.3	21.5

RELATIVE HUMIDITY.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
79.5	83	87	81	88	90	91	87	88	89	89	90	86.7
80	74	79	80	82	81	82	86	87	90	**91**	**91**	82.7
79	76	77	73	77	83	85	88	90	90	92	90	85.1
77.5	73	69	**61**	67	72	76	79	80	82	85	87	82.5
68	**63**	68.5	66	76	83	83	83	87	**92**	90	89	81.4
81	79	86	93	95	96	**98**	97	97	97	93	96	88
92	91	94	96	96	88	92	91	88	85	86	85	90.9
71	**70**	81	84	89	93	93	93	**94**	93	93	93	84
66.5	70	73	79	86.5	93	93	94	94	93	95	**97**	85.1
82	79	**73**	74	90	93.5	93	**97**	96	96	**97**	96	90.8
77	78	75	82	90	94	95	95	**97**	95	95	96	89.8
64.5	79	76	72	77	86	84	86.5	86	88	87	90	84.7
63.5	64	69	72	83	85	87	89	89	90	**91**	**91**	81.5
70	73	79.5	90	94	93	91	92	95	90	91	91	85.6
92	89	88	**85**	91	**85**	92	91	92	90	91	92	**91.3**
71	72	75	79	81	83	84	85	82	83	87	86	83.9
68.5	71	78	78.5	85	86.5	90	88	89	90	89	**91**	82.7
73	**68**	75	83	91	93	94	95	95	**97**	**97**	96	88.4
68	68	**67**	69	73.5	76	77	79	85	87	90	90	83.2
65	**64**	71	71	74	76	78	83	88	89	89	**92**	81
64	65	67	71	77	78.5	79	81	85	88	88	91	81
68	69	69	72	80	77	80	84	89	87	88	91	83.1
66	**66**	69	71	75	79	83	83	86	82	85	88	81.4
71	**70.5**	74	85	**91**	83	82	85	86	87	**91**	90	83.4
72	74	76	79	79	83	84	87	87	85	86	85	83.1
72	**70**	71	73	73	74	74	77	77	76	75	77	**77.1**
66	70	73	83	83	86	88	90	91	91	**93**	**93**	79.2
88	**97**	87	81	**79**	80	83	83	85	86	90	90	88.9
87	91	**95**	**95**	93	94	94	**95**	93	93	93	92	89
58	55	61	62	73	78	83	83	83	84	86	85	77.5
73.4	73.7	76.1	78	83	84.8	86.3	87.6	88.7	88.8	89.8	90.4	84.4

VAPOR PRESSURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
22.5	22.2	22.6	22.3	**23.3**	**23.3**	**23.3**	21.8	21.1	21	21	20.9	21.5
22.5	22.3	22.3	**23.1**	22.9	20.8	20.6	20.1	19.7	19.9	20.3	20.1	20.7
21.9	**23.1**	22.2	21.3	21.4	21.4	21.8	21.6	21.5	21.2	21.2	21	20.9
22.4	23	21.8	19.6	19.4	18.9	18.5	18.5	**18.4**	18.5	18.5	**18.4**	20.6
20.5	20.2	19.9	19.9	20.8	20.5	20.1	20.1	19.6	19.8	19.3	18.9	19.8
21.3	21.5	21.5	**21.7**	**21.7**	21.5	21.4	21.5	21.5	21.5	21.2	21.4	20.4
21.7	21.6	**22.1**	21.6	21.4	20.9	21.3	21.3	21.3	21.4	21.7	21.6	21.2
22.3	22.9	21.7	**23.5**	23.1	22.5	22.4	22.5	22.8	22.2	22	21.5	21.9
23.3	22.7	23.1	**23.3**	22.9	22.8	22.8	22.7	22.8	22.3	22.7	22.9	22.2
23.2	23.1	22.1	21.9	23.3	23.2	23.1	23.1	22.2	22	21.9	21.6	**22.4**
22.3	**23.1**	22.9	22.4	**23.1**	22.3	22.9	21.4	21.9	21.4	21.3	**20.8**	21.9
21.9	22.4	21.9	21.6	21.4	21	20.1	19.5	**18.9**	19.1	19.1	19.3	20.7
19.9	18.6	19.4	20.4	**21.4**	21.2	20.5	20.6	20.2	20.2	20.3	20	19.7
19	20	20.4	21.2	**21.6**	20.9	20.8	21.1	21.3	21	21.3	21.1	20.3
21.7	22	22.2	21.9	**22.4**	21.1	21.2	21.2	21.2	21	21.2	21.4	21
22.5	23.1	**23.2**	22.8	22.3	21.5	21.1	21	**20.4**	20.5	21.3	21.2	21.8
22.3	22	**22.3**	21.4	21	19.5	19.7	**19**	**19**	19.4	19.3	20.1	20.7
21.4	**20.3**	21.5	**23.1**	22.9	22	20.6	22.1	21.1	21.2	21.2	20.7	21.6
22.2	21.6	20.6	20.3	20.4	20.5	20.6	20.3	19.9	19.8	19.7	**19.2**	20.8
21.7	21.5	21	21.6	21.2	20.8	20.9	21.4	21.4	20.3	19.8	19.8	20.3
20.4	21.3	21.6	21.9	21.7	21.4	21.6	21.9	21.7	21.6	21	21.1	20.9
23	23	23	22.2	22.9	21.8	22	22.6	22.5	21	21	21.1	22.1
21.2	21.4	22.4	22.8	21.9	21.4	21.8	21.3	21.2	**20.3**	20.7	20.7	21.5
23.3	23.1	24	24.1	**24.7**	22.1	20.7	20.7	20.6	20.1	20.1	19.5	21.4
18.9	19.1	19.8	19.8	20.3	19.9	19.8	20	19.7	19.1	19.2	**18.5**	19.5
19	19.1	**20.1**	18.5	17.8	17.5	**17.2**	17.5	17.5	17.4	17.3	17.3	**18.3**
19.8	19.2	19.2	19.4	19.4	19.4	19.5	19.5	19.5	19.3	19.3	19.3	18.5
22.7	22.4	22.6	22.2	20.9	19.9	19.7	19.5	19.5	19.6	19.7	19.7	20.5
22	**23**	**23**	22.1	21.3	20.8	20.6	20.4	19.9	19.8	19.8	19.5	20.6
17.7	**17.2**	17.9	17.6	18.7	18	18	17.7	17.7	17.6	17.7	17.7	18.4
21.5	21.5	**21.6**	21.5	21.6	21	20.8	20.7	20.5	20.3	20.3	20.2	20.7

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	A.-Cu.		A.-Cu.		Ci.		Ci.		Ci.		Ci.	
2					Ci.		Ci.		Ci.		Ci.	
3	A.-Cu.		A.-Cu.		A.-Cu.		Ci.-S.		Ci.-S.		Ci.-S.	
4							A.-Cu.		A.-Cu.			
5	Ci.-S.		Ci.-S.				A.-Cu.				Ci.-S.	
6	A.-Cu.		Ci.-S.		Ci.-S.						Ci.-S.	
7												
8	A.-Cu.	SbyW	A.-Cu.	SbyW	A.-Cu.		A.-Cu.		Ci.-S.		A.-Cu.	
9	A.-Cu.		A.-Cu.	WSW	Ci.		A.-Cu.		A.-Cu.	SSW	Ci.	
10	A.-Cu.	ENE	Ci.-S.		Ci.-S.						Ci.-S.	
11	Ci.-S.	SE	Ci.-S.		A.-Cu.		A.-Cu.				A.-Cu.	
12	A.-Cu.											
13	A.-Cu.	ENE	A.-Cu.	ENE	A.-Cu.		Ci.-S.		Ci.-S.		Ci.-S.	
14	Ci.-S.	SEbyE	Ci.-S.		Ci.-S.		Ci.-S.	SEbyE	Ci.-S.		Ci.-S.	
15												
16					A.-Cu.	SSE	Ci.-S.		Ci.			
17	A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.		Ci.-S.		Ci.	
18	A.-Cu.	SW	A.-Cu.	SWbyS	A.-Cu.	SWbyS	Ci.-S.		Ci.-S.			
19	Ci.-S.	ENE	Ci.-S.	SSE	Ci.-S.	SSE	Ci.-S.	SSE	Ci.-S.	SSE	Ci.-S.	
20	Ci.-S.		Ci.-S.									
21			Ci.-S.				Ci.		Ci.			
22	Ci.-S.	NNE	Ci.		Ci.		Ci.		Ci.		Ci.	
23	Ci.-S.		A.-Cu.	E								
24	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.	
25	A.-Cu.		A.-Cu.		A.-Cu.							
26	A.-Cu.								A.-Cu.			
27	A.-Cu.		A.-Cu.	ESE	A.-Cu.	ESE	A.-Cu.		A.-Cu.			
28	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
29	A.-Cu.		A.-Cu.	S	A.-Cu.	S	Ci.-Cu.		Ci.-Cu.		A.-Cu.	
30	A.-Cu.		Ci.-S.		Ci.		Ci.-S.				Ci.	

LOWER CLOUDS—FORM AND DIRECTION,

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.	E	Cu.		Cu.		Cu.	E	Cu.	E	Cu.	
2	S.-Cu.	E	S.-Cu.		Cu.	E	Cu.	E	Cu.		N.-cf.	
3	S.-Cu.		S.-Cu.	E	S.-Cu.	E	S.-Cu.		N.-cf.	NE	S.-Cu.	
4	N.-cf.		Cu.-N.	E	Cu.	E	Cu.		N.-cf.		N.-cf.	NE
5	Cu.		Fr.-N.	NEbyN	Fr.-N.		Fr.-N.		Fr.-N.	ENE	Cu.	
6	S.-Cu.	EbyN	Fr.-N.		Cu.	ENE	Fr.-N.		Cu.-N.		Fr.-N.	ENE
7	Fr.-N.	E	Fr.-N.	EbyS	Cu.-N.	EbyS	Fr.-N.	EbyS	Cu.-N.	EbyS	N.	
8	Fr.-N.		Cu.		S.-Cu.	S	S.-Cu.	S	S.-Cu.		Fr.-Cu.	
9	S.-Cu.	W	Cu.		Cu.	SEbyS	Cu.	SSE	Cu.	SSE	Cu.	
10	S.-Cu.		S.-Cu.		Cu.-N.	SE	Fr.-N.		Fr.-N.		Cu.-N.	
11	Cu.-N.		Fr.-N.	ESE	N.-cf.		Cu.	ESE	Cu.	ESE	N.-cf.	
12	S.-Cu.		S.-Cu.	E	S.-Cu.	ENE	Cu.	ENE	Cu.	NEbyE	Cu.	
13	S.-Cu.		Cu.		S.-Cu.		Cu.	E	Cu.	E	Cu.	
14	S.-Cu.		Cu.		Cu.		Cu.		S.-Cu.		S.-Cu.	
15	Fr.-N.	ENE	Fr.-N.	ENE	N.		N.		Fr.-N.	N	Fr.-N.	
16	Fr.-N.	SE	N.-cf.		S.-Cu.	SE	Cu.		Cu.	SE	N.-cf.	
17	S.-Cu.		S.-Cu.		S.-Cu.	S	S.-Cu.	S	Cu.		N.-cf.	
18	S.-Cu.		S.-Cu.	S	S.-Cu.		S.-Cu.		Cu.		Cu.-N.	SSW
19	Cu.		S.-Cu.		Cu.		Cu.		Cu.		Cu.	
20			Cu.		Cu.		Cu.		Cu.		Cu.	
21	Cu.		Cu.		Cu.		Cu.	SSW	Cu.	SWbyS	Cu.	
22	Cu.		Cu.		Fr.-Cu.	SE	Fr.-Cu.	S	Cu.	S	Cu.	
23	Cu.		Cu.	ENE	Fr.-Cu.	ENE	Cu.		Cu.		Cu.	
24	Cu.		Cu.		Cu.	NNE	Cu.	NE	Cu.	EbyN	Cu.	
25	S.-Cu.	E	Cu.	E	Cu.		Cu.		Cu.-N.		Cu.	
26	S.-Cu.	E	N.-cf.	E	N.-cf.		N.-cf.	E	S.-Cu.	E	Cu.-N.	
27	S.-Cu.		S.-Cu.		S.-Cu.		S.-Cu.		S.-Cu.	ENE	N.-cf.	
28	Cu.-N.		S.-Cu.	EbyS	S.-Cu.	EbyS	S.-Cu.		Cu.	NE	Cu.	
29	Fr.-N.		S.-Cu.		S.-Cu.	EbyN	N.-cf.	EbyN	N.-cf.		N.	
30	S.-Cu.		S.-Cu.	E	S.-Cu.	E	S.-Cu.	E	Cu.	E	Cu.	E

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Ci.-S.		Ci.-S.		Ci.		Ci.		Ci.		Ci.-S.	
Ci.						Ci.-Cu.					
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		A.-Cu.			
A.-Cu.		A.-Cu.		Ci.-S.		Ci.-S.	SSE	Ci.		Ci.-S.	
A.-Cu.		Ci.-S.				Ci.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.	EbyS								
Ci.-S.											
A.-Cu.		A.-Cu.		Ci.-S.		Ci.-S.					
Ci.-S.		A.-Cu.	ESE	A.-Cu.		Ci.-S.		Ci.-S.			
Ci.-S.	NE	Ci.-S.		A.-Cu.	E						
A.-Cu.	ESE	Ci.-S.	SEbyE	Ci.-S.	SEbyE	A.-Cu.		Ci.-S.	SE		
Ci.-S.		Ci.-S.									
A.-Cu.	SSE	A.-Cu.	SSE	A.-Cu.	SSE	A.-Cu.	S	A.-Cu.	S		
Ci.		Ci.-S.		Ci.-S.							
Ci.-S.		A.-Cu.		Ci.-S.				Ci.-S.			
Ci.-S.	SSE			A.-Cu.				Ci.-S.	ESE	A.-Cu.	
								Ci.		Ci.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.		A.-Cu.		A.-Cu.	
		Ci.									
								Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.		Ci.-S.		Ci.			
A.-Cu.						Ci.-S.		Ci.-S.		Ci.-S.	
				A.-Cu.	SE			A.-Cu.			
						Ci.-S.					
Ci.-S.				Ci.-S.		A.-Cu.		A.-Cu.			
Ci.		Ci.		Ci.		Ci.		Ci.			

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.	E	Cu.-N.		Cu.-N.		Cu.		S.-Cu.	E	S.-Cu.	
Cu.		Cu.-N.	E	Cu.-N.	E	Cu.		Cu.-N.		Cu.-N.	
S.-Cu.		Cu.	NE	N.-cf.	NE	Cu.		N.-cf.		N.-cf.	
N.-cf.	E	N.-cf.	E	Fr.-Cu.	E	S.-Cu.		Cu.		Cu.	
Cu.	E	Fr.-N.		Fr.-N.	E	Cu.		Cu.		Cu.	
Cu.-N.	ENE	Cu.-N.	ENE	N.		Cu.-N.		Cu.-N.		N.	
N.		Fr.-N.	ESE	N.	ESE	N.		N.		Fr.-N.	
Cu.	S	Cu.-N.		Cu.-N.	SSE	Fr.-N.	SSE	Cu.-N.		Fr.-N.	
Cu.	SSE	N.-cf.	SSE	N.-cf.	SSE	Cu.-N.		Fr.-N.		Cu.-N.	
Cu.		Cu.		Cu.		Cu.		Cu.		Fr.-N.	
N.-cf.		Cu.-N.		Cu.-N.	SE	Fr.-N.	SE	N.		N.	
Cu.	E	Cu.-N.	E	Cu.		Cu.	EbyN	Cu.		Cu.	
Cu.-N.	EbyN	Cu.-N.		Cu.-N.		S.-Cu.		S.-Cu.		S.-Cu.	
M.-Cu.	ENE	Fr.-N.	ENE	Fr.-N.	ENE	Fr.-N.	ENE	Fr.-N.		Fr.-N.	
Fr.-N.		Fr.-N.		Fr.-N.	E	Fr.-N.	E	Fr.-N.	E	Fr.-N.	
Cu.-N.		Cu.-N.		N.-cf.		Cu.-N.		S.-Cu.		S.-Cu.	
Cu.	S	N.-cf.	S	Cu.-N.		N.-cf.	S	Cu.-N.		Cu.-N.	
N.-cf.	SSW	N.-cf.	SSW	Fr.-N.	SW	Fr.-N.	SW	N.		N.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		N.	SSW	Fr.-N.		Cu.		Fr.-Cu.	
Cu.	SSW	Cu.		Cu.	SWbyS	Cu.		S.-Cu.		S.-Cu.	
Cu.	S	Cu.		Cu.		Cu.		S.-Cu.		S.-Cu.	
Cu.		Cu.		Cu.-N.	E	Cu.-N.	E	Cu.-N.		S.-Cu.	
Cu.		Cu.		Cu.-N.		Cu.		Cu.-N.		Cu.-N.	
Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.		Fr.-N.		S.-Cu.	
Fr.-N.	E	Fr.-N.	E	S.-Cu.	E	S.-Cu.	E	S.-Cu.		S.-Cu.	
N.-cf.	EbyN	Cu.-N.	ENE	Cu.-N.		Fr.-N.		Fr.-N.		Fr.-N.	
Cu.-N.		Fr.-N.	SE	S.-Cu.		Cu.-N.		S.-Cu.		Fr.-N.	
N.		Fr.-N.		N.	ENE	N.-cf.	ENE	N.-cf.		Fr.-N.	
Cu.	E	Cu.	E	Cu.-N.	E	Cu.	E	Cu.	E	Cu.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	EbyN	0.5	EbyN	1	Calm	---------	EbyN	1	EbyN	0.5	E	1
2	Calm	---------	Calm	---------	NNE	2	NNE	2	NNE	.5	NNE	1
3	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	E	.5
4	ENE	1	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------
5	Calm	---------	NE	.5	NE	2	NNE	2	NEbyE	2	Calm	---------
6	Calm	---------	N	2.5	Calm	---------	Calm	---------	N	1.5	NNE	3.5
7	NNW	6	NNW	9.5	NNW	8	N	7	N	6	NNE	3
8	ESE	8.5	ESE	6.5	SEbyE	6.5	SEbyE	6.5	SEbyE	5.5	ESE	4.5
9	Calm	---------	ESE	1	ESE	1	ESE	1	ESE	1.5	Calm	---------
10	ENE	1.5	Calm	---------	ENE	.5	Calm	---------	ENE	1.5	ENE	.5
11	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------
12	N	.5	Calm	---------	Calm	---------	Calm	---------	Calm	---------	ENE	1
13	Calm	---------	Calm	---------	Calm	---------	N	.5	E	1	Calm	---------
14	Calm	---------	NNW	1	Calm	---------	Calm	---------	Calm	---------	NNE	.5
15	NNW	4.5	NNW	3.5	NNW	4.5	NWbyN	8.5	NEbyE	3	N	5
16	Calm	---------	SE	1	Calm	---------	SE	.5	Calm	---------	ESE	2
17	SE	5	SE	5.5	SE	3	SE	3.5	ESE	3	Calm	---------
18	Calm	---------	ESE	1	SEbyE	1	SEbyE	1	Calm	---------	SSE	1
19	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	SSE	1
20	E	.5	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------
21	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------
22	E	1.5	E	1	E	1	SE	1	E	1	Calm	---------
23	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------
24	N	2.5	NNE	3	N	3.5	NE	2	NNE	3.5	NE	3.5
25	NE	1	NE	1.5	NE	1.5	NE	1.5	NNE	1.5	Calm	---------
26	N	3	NNE	3	NNE	2.5	NNE	2.5	NNE	3	NE	1
27	N	1.5	N	1.5	N	2	NNE	3	NNE	3	NNE	2.5
28	NNW	2.5	NNW	1.5	NNW	1	N	1.5	NNW	3	NNE	1
29	E	1	ENE	1.5	EbyN	1.5	EbyN	2	EbyN	2	ENE	1
30	NNW	2	NNW	1	NE	2.5	ENE	1.5	NNE	.5	NE	1
Mean	------------	1.4	------------	1.6	------------	1.5	------------	1.6	------------	1.4	------------	1.2

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	WNW	3	NNE	2.5	WNW	3.5	WNW	2.5	NbyW	1.5	NbyE	1
2	Calm	---------	S	1	N	2	Calm	---------	Calm	---------	ENE	1
3	Calm	---------	Calm	---------	WSW	.5	NNE	1.5	Calm	---------	Calm	---------
4	SW	2.5	SE	.5	SSE	2.5	ENE	1	NE	1.5	Calm	---------
5	N	2.5	NNE	3	N	5	ENE	1	NNE	3.5	NNE	1
6	NNE	5	N	5.5	ENE	4	NE	2	NNE	.5	Calm	---------
7	E	6	EbyS	6.5	ESE	4.5	ESE	4.5	ESE	5.5	ESE	6
8	SE	2	SE	5.5	ESE	2.5	SE	1	ESE	3	Calm	---------
9	SE	2.5	SE	2	SE	1	ESE	2.5	ESE	3	ESE	1
10	W	2.5	WNW	3	NW	1.5	NNW	2.5	Calm	---------	N	1
11	W	3	Calm	---------	Calm	---------	N	2	NE	1.5	Calm	---------
12	E	1.5	ESE	3	Calm	---------	ENE	2	ENE	1.5	Calm	---------
13	NNE	4	NEbyE	5.5	NE	5	ENE	2.5	Calm	---------	Calm	---------
14	NNW	1.5	NE	1	Calm	---------	NNE	1	Calm	---------	NNW	2.5
15	NNW	5.5	NNW	7	NNW	8.5	NNW	5.5	NE	2.5	EbyS	12
16	ESE	5	SEbyS	4.5	SEbyE	7.5	SE	2	SE	5	ESE	3
17	ESE	3	SE	6	SSE	2.5	SE	3	SW	1.5	S	4.5
18	WSW	1.5	W	1.5	W	2	Calm	---------	Calm	---------	ESE	1
19	WSW	1	WNW	2	WNW	2.5	W	4.5	WSW	4	WSW	4.5
20	ESE	3.5	SE	5.5	SE	2.5	Calm	---------	WSW	4	WbyS	2.5
21	SWbyW	2	WSW	2	WSW	2	WSW	1.5	WSW	4	SSW	1.5
22	WSW	1	WSW	1.5	WbyS	2	W	4	SW	2	SW	2.5
23	WNW	2	W	3	W	3	Calm	---------	Calm	---------	ENE	1
24	W	3	SW	2.5	WSW	2	SE	1.5	Calm	---------	ENE	2
25	E	2.5	Calm	---------	NNE	2.5	NNE	2	N	2	N	.5
26	NNE	1.5	NNE	1.5	NNE	3	N	5.5	NbyE	4	N	3
27	NNE	2	NNE	4.5	N	5	NNE	1	N	1	NNW	1
28	WNW	2.5	N	1	WNW	2	WNW	1	NNE	1	NNE	2
29	E	1.5	Calm	---------	N	3	Calm	---------	N	.5	N	2.5
30	NNE	6.5	NE	5	NE	2	NE	2	NNE	1	Calm	---------
Mean	------------	2.7	------------	2.9	------------	2.8	------------	2	------------	1.8	------------	1.9

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	--------	Calm	--------	ENE	1	W	0.5	NW	1	SE	1
NNE	0.5	NNE	1	Calm	--------	NW	1	W	2.5	W	2
Calm	--------	Calm	--------	E	.5	Calm	--------	Calm	--------	NNE	.5
NNE	1	ENE	2.5	Calm	--------	ENE	.5	E	2	SSE	1
Calm	--------	NEbyN	3.5	NbyE	4	NEbyN	4	NbyE	4	NNE	1.5
N	3.5	NNW	4	NbyW	3	NNE	5	NNE	7.5	NNE	3
NE	6	NE	1.5	NEbyE	5.5	EbyN	6	EbyS	6	E	4
SE	4	ESE	2	SEbyE	4.5	SE	4.5	SEbyE	4	SE	4.5
Calm	--------	SE	3.5	ESE	1	ESE	1.5	ESE	1.5	ESE	2
ENE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
Calm	--------	E	.5	NE	1	Calm	--------	ESE	3	WNW	3
ENE	1	NE	2	NE	2.5	N	2	NNE	3	ENE	3.5
NE	.5	NE	2.5	NNE	2.5	NNE	4	N	5	NNE	5.5
Calm	--------	N	4	NNE	3.5	NNE	5	N	4	NNW	4
NbyW	7.5	NNW	8.5	WNW	7	NNW	11	NNW	13	N	11
ESE	2.5	SE	5	ESE	2.5	SE	8	SE	4	SE	4
ESE	1	ESE	2.5	SE	5.5	ESE	3.5	SE	3.5	ESE	2.5
SSE	2.5	SE	2.5	SE	1.5	SE	2.5	SE	3	SSE	1.5
SE	1	ESE	1	ENE	2	SSW	2	WSW	1	WSW	2.5
ESE	.5	ESE	.5	SE	3	SE	4	SE	3	SE	6
ESE	1.5	SE	.5	SE	1.5	SE	.5	SE	1	WSW	3
Calm	--------	Calm	--------	SSE	.5	SE	1	SSW	.5	W	1
E	2	NNE	1.5	NNE	2	NW	2	WSW	4.5	W	3
NE	2	NNE	3.5	ENE	4	E	1	WNW	2.5	WSW	5
NE	1.5	Calm	--------	NNE	2	NE	3	E	.5	SE	1.5
N	5	NNE	4.5	NNE	4	NNE	3.5	NNE	7	NNE	2.5
NNW	3.5	N	2	NNE	3	N	2.5	NE	1.5	ENE	2.5
NE	.5	NNE	1.5	N	.5	N	2	NNE	3	NNW	1.5
ENE	.5	E	1	Calm	--------	SSW	2.5	WSW	2.5	NNW	3
NE	.5	NNE	1	NNE	1	Calm	--------	NE	4.5	NE	3.5
------------	1.6	------------	2.1	------------	2.3	------------	2.8	------------	3.3	------------	3

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		12 m. n.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm	--------	NNE	1	NNE	1	NNE	1.5	NNE	1.5	NNE	1.5	1.2
Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	.7
Calm	--------	Calm	--------	Calm	--------	Calm	--------	E	1	Calm	--------	.2
Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	.7
NNE	2	NNE	2	Calm	--------	NbyE	.5	Calm	--------	NbyE	.5	1.9
N	.5	N	3.5	NNE	2	NbyW	4.5	NNW	5	NbyW	7	3
ESE	4.5	ESE	9	ESE	8	ESE	8	ESE	10.5	ESE	7	6.2
ESE	1.5	ESE	1	Calm	--------	ESE	1	ESE	1	ESE	.5	3.4
Calm	--------	ESE	1.5	ESE	1	Calm	--------	Calm	--------	ENE	1	1.2
SE	1.5	WNW	1.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	.8
Calm	--------	Calm	--------	Calm	--------	Calm	--------	WNW	.5	NNW	2	.7
ENE	1.5	NE	1	Calm	--------	Calm	--------	NNE	.5	Calm	--------	1.1
E	1	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	1.6
NNW	3	NNW	2	NNW	2	NWbyN	2	NNW	2	NNW	4	1.8
SE	6	ESE	2	ESE	2	ESE	2	ESE	2	ESE	1	6
SEbyE	3.5	ESE	3	SEbyE	4.5	ESE	3	ESE	3	SE	3	3.2
E	1.5	ESE	2	ESE	2	ESE	1.5	ESE	2	SEbyE	1.5	2.9
Calm	--------	SW	1	Calm	--------	Calm	--------	Calm	--------	Calm	--------	1
SWbyW	2.5	Calm	--------	Calm	--------	Calm	--------	E	.5	Calm	--------	1.3
WSW	3	EbyS	2	EbyN	1	Calm	--------	Calm	--------	Calm	--------	1.7
SWbyW	1.5	S	4	Calm	--------	E	1	E	1	E	1	1.2
SW	2	SW	1.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	1
Calm	--------	Calm	--------	Calm	--------	NNW	4.5	N	2.5	NNE	3	1.4
NE	2.5	ENE	2.5	NE	2	ENE	1	NE	1	Calm	--------	2.3
N	2	Calm	--------	N	2	N	2.5	N	2.5	N	3	1.5
NNW	2	NNW	1.5	NNW	2	NNE	2	N	3.5	N	1.5	3
E	1	NE	1	N	3.5	N	2	Calm	--------	N	1	2.1
ENE	2.5	ENE	2	ENE	1	Calm	--------	Calm	--------	ENE	1	1.5
Calm	--------	N	3	N	2.5	N	2	NNE	2.5	NNW	3.5	1.6
Calm	--------	Calm	--------	Calm	--------	Calm	--------	ENE	.5	ENE	1	1.5
------------	1.5	------------	1.6	------------	1.2	------------	1.3	------------	1.4	------------	1.5	1.9

WIND—FORCE IN KILOMETERS PER HOUR.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	2	3	0.5	2.5	2	4	2	3.5	5	4.5	9.5	8
2	1	0	2	3.5	1	2	4	3	3.5	5	8.5	**10.5**
3	.5	.5	0	0	0	2	.5	.5	0	1.5	2.5	**7**
4	.5	4.5	0	1	0	1	3	6.5	3.5	3	5.5	2.5
5	1.5	2	3.5	7	11	5.5	1.5	6.5	8	17	**20**	11
6	5	4	6	2.5	2.5	8.5	10.5	15	21	**27**	26.5	23.5
7	16	16.5	21	20.5	10.5	15.5	15	14	9.5	16.5	23	25.5
8	28.5	**31**	23	23	20.5	18.5	14	13	15	18	22	22.5
9	2	3	3	4.5	4.5	5	5	7	12	**14**	13.5	12
10	4.5	3	4	1	2	3	3.5	2.5	1	0	1	3.5
11	0	0	1	1	1	2	.5	3	4.5	10	4.5	**12.5**
12	4	3	0	.5	.5	0	3	5	13	11	13.5	10.5
13	0	1.5	0	1	1.5	0	1	8	10.5	13.5	15.5	16.5
14	2.5	4.5	.5	0	0	0	.5	5	12.5	**16.5**	14	7
15	14	17	14.5	18.5	20	2.5	23	24	25	29	34	**36**
16	3	1.5	3	4.5	1	4	5	7	15	18	19	12
17	13.5	**17.5**	11.5	11	12	4.5	3.5	4	9	11	14	14
18	2	2.5	4	4	2.5	2.5	5	5	**9**	**9**	7	5
19	0	.5	1	1	1	.5	1	1	3.5	1.5	5.5	6
20	3	1	1	0	2.5	1	0	.5	7	9	9	11
21	0	0	0	.5	0	.5	.5	1	3	4	1.5	5
22	4	4	5	4	4	4	3	2.5	2	2.5	3	5
23	0	0	0	0	.5	.5	1	3	4.5	3.5	10.5	12
24	10	9.5	13	9	10	12.5	7.5	12	11	7	8	11.5
25	3	4.5	6.5	6	3	7	5	7	10	13	**16**	8
26	9	11.5	9	6	6.5	9	11.5	16.5	16.5	18	**26**	21
27	7	6	6	9	9	12	12.5	10.5	14	16.5	14.5	10
28	8.5	3.5	5.5	4	6.5	4	2.5	4.5	7.5	9.5	10	11
29	3.5	3.5	3	4	5	6.5	5	5.5	5	1.5	9	9
30	7	7	7	7	5	2.5	5.5	5.5	4.5	6	12.5	13
Mean	5.2	5.5	5.2	5.2	4.8	**4.7**	5.2	6.7	8.8	10.6	**12.6**	12.1

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. m.
1	7	6	8	8	9	9	8	9	7	5	6	9	7.6	5 50
2	8	9	7	5	5	7	5	7	8	6	8	6	6.8	6 15
3	5	6	7	8	7	9	10	9	9	7	8	10	7.9	1 30
4	8	9	7	9	9	8	6	4	5	6	5	5	6.8	4 25
5	9	10	9	9	10	6	9	9	10	6	5	4	8	5 10
6	9	9	10	10	9	10	9	9	10	10	10	10	9.6	**0 00**
7	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
8	8	9	9	8	6	6	6	10	10	10	10	10	8.5	4 30
9	8	4	6	6	6	7	6	9	9	10	10	10	7.6	6 30
10	10	8	10	10	10	9	9	7	7	8	5	8	8.4	2 35
11	9	8	10	5	5	6	9	7	8	4	10	9	7.5	5 15
12	9	6	5	3	4	4	5	9	2	2	3	1	4.4	7 15
13	6	5	7	7	9	7	7	10	8	6	7	9	7.3	4 10
14	8	7	9	8	10	10	10	10	10	10	10	10	9.3	1 30
15	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
16	10	10	9	5	6	9	6	6	7	7	8	3	7.2	6 00
17	9	8	8	7	4	4	5	8	8	10	10	10	7.6	4 50
18	7	9	8	10	9	10	10	9	10	10	9	9	9.2	0 50
19	5	3	3	3	5	4	5	3	4	2	3	4	3.7	8 15
20	1	1	0	1	1	1	1	3	5	4	1	2	**1.8**	9 10
21	1	1	1	2	3	4	6	4	4	3	4	9	3.5	8 50
22	3	4	5	5	4	3	4	4	6	2	3	5	4	9 10
23	5	8	5	6	6	4	2	2	4	4	5	8	4.9	8 30
24	2	2	3	4	5	5	6	5	5	5	4	4	4.2	**9 30**
25	7	8	6	8	9	9	8	9	8	8	6	6	7.7	1 30
26	6	10	8	10	7	9	9	10	7	10	10	10	8.8	1 15
27	6	7	8	9	7	10	10	10	10	10	10	10	8.9	0 25
28	10	10	10	10	9	9	10	10	8	8	10	10	9.5	2 00
29	9	8	7	5	7	10	10	10	10	10	10	10	8.8	3 30
30	3	2	4	2	3	4	5	5	6	4	3	2	3.6	8 10
Total														136 50
Mean	6.9	6.9	7	**6.8**	**6.8**	7.1	7.2	**7.6**	7.5	6.9	7.1	7.4	7.1	4 34

WIND—FORCE IN KILOMETERS PER HOUR.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
11	**11**	10	6	4	2.5	.5	3	1.5	1	2	2	4.2
10	4.5	6.5	1	0	6	3	1	1.5	2.5	0	0	3.3
2	1	1	3	5	.5	1.5	.5	0	0	1.5	2.5	**1.4**
6	2.5	4	4	**11.5**	8	3.5	2.5	3	.5	2.5	1.5	3.4
19	19	17	8.5	6.5	7	5.5	7	4.5	1	1.5	1.5	8
16.5	26	23	13.5	3.5	4.5	6.5	6	8	8.5	11.5	13	12.2
18.5	22.5	19.5	23	24	27	30.5	30.5	**34.5**	28.5	30	30.5	**21.8**
17.5	16	21	10	11	12	8	4.5	5	4.5	5	5	15.4
10	9	11.5	11.5	8	8.5	4	4.5	5	4	1	2.5	6.9
10	**13**	12	7.5	2.5	2	3	5	2.5	2.5	0	0	3.7
10	4.5	4.5	10	6	2.5	0	2.5	.5	.5	2	3	3.6
7.5	**19.5**	5	9	9	2.5	5.5	4	1	0	.5	0	5.3
27.5	26.5	19	12.5	.5	0	0	0	0	1.5	0	.5	6.5
6	2	3	.5	.5	3	12.5	8.5	6	9	6.5	6	5.3
33	28	28	20	12	20	20	10.5	8	7.5	6.5	5.5	19
17	18	**19.5**	16.5	10	14	6	10	13	13	10	11.5	10.5
14.5	16	11	10.5	8	16	10	9	7	6.5	5	7	10.2
1.5	3	2.5	1	3	2	1	2.5	.5	.5	.5	0	3.1
1.5	7	14	**18**	16	11.5	12.5	4	0	0	1.5	1.5	4.6
11.5	**14**	7.5	5	3.5	**14**	8.5	8	3.5	1	1.5	.5	5.1
6	3	6	6	7	7.5	5.5	**11**	6	4.5	4.5	4	3.6
6.5	9	11	**14**	11.5	10.5	12	6.5	3.5	1	1	1	5.4
14	13	13.5	4.5	4	4	4	2.5	0	10.5	11.5	9	5.2
15	9.5	6.5	6	1	2.5	10	9.5	8.5	4.5	3.5	3	8.4
8.5	4.5	4	6.5	7.5	10	6	0	2	5.5	7.5	7.5	6.6
12	8	17	21	14	12	9.5	5.5	5.5	6.5	9.5	8.5	12.1
8	18.5	**20.5**	12.5	9.5	9	4	3.5	6	5	2.5	.5	9.4
11.5	**12**	7	3	2	9	10	7	5.5	2.5	1	2	6.2
13	4	9	3	4	6	5	9	11	7.5	8.5	11	6.3
19.5	16	18.5	13	7.5	2	1	.5	4	2.5	2	3	7.2
12.2	12	11.8	9.4	7.1	7.9	7	6	5.2	4.8	**4.7**	4.8	7.5

FREQUENCY OF THE WIND.

Day.	N.	NNW.	NW.	WNW.	W.	WSW.	SW.	SSW.	S.	SSE.	SE.	ESE.	E.	ENE.	NE.	NNE.	Calm.	Total wind velocity.	Rain-fall.
																		Kms.	*mm.*
1	1		1	3	1						1		5	1		7	4	101	0.3
2	1		1		2				1					1		6	12	80	.2
3						1							3			2	18	**33.5**	.3
4							1			2	1		1	4	1	1	13	80.5	.6
5	2													2	4	11	5	192.5	.8
6	9	2												1	1	7	4	292.5	17.6
7	2	3										12	3	1	2	1		**522.5**	**32.2**
8											11	11					2	368.5	.3
9											4	13		1			6	165	1.3
10	1	1	1	2	1						1			5			12	89	1.2
11	1	1		2	1							1	1		2		15	86	10.6
12	2											1	1	6	3	2	9	127.5	
13	2												2	2	3	4	11	157	
14	2	10													1	4	7	126.5	4.5
15	3	12									1	6		1	1			456.5	22.6
16										1	12	8					3	251.5	
17							1		1	1	9	10	1				1	246	13.3
18					2	1	1			3	6	2					9	75.5	3
19				2	1	6		1		1	1	1	1	1			9	110	
20					1	2					6	4	2				9	123.5	
21						7		1	1		4	1	3				7	87	
22					3	2	4	1		1	2		4				7	130.5	
23	1	1	1	1	3	1							1	1		3	11	126	
24	2			1	1	2	1				1		1	4	6	3	2	200.5	2.5
25	7										1		2		6	4	4	158.5	
26	6	3													1	14		289.5	
27	10	2											1	1	2	7	1	226.5	2.8
28	4	5		3										4	1	5	2	149.5	9.5
29	6	2				1		1					6	3		1	4	151.5	12.7
30		2												3	8	5	6	172	
Total	62	44	4	14	16	23	8	4	3	9	61	70	38	42	42	87	193	5,376.5	136.3
Mean	2.1	1.5	.1	.5	.5	.8	.3	.1	.1	.3	2	2.3	1.3	1.4	1.4	2.9	**6.4**	179.2	4.5

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
1	760. 90	8-35a.	31. 1	1. 30p.	97	23. 3	758. 10	1-50p.	22. 4	4. 15a.	71	20. 1
2	60. 70	8-25a.	31. 3	1. 55p.	91	23. 1	57. 70	3-30p.	22. 2	5. 55a.	68	19. 2
3	60. 65	8-55a.	30. 7	1. 55p.	94	23. 1	57. 40	3-35p.	22. 3	4. 30a.	71	19. 1
4	59. 65	9-10a.	31. 5	3. 25p.	97	23. 2	56. 50	3-20p.	23	11. 55p.	61	18. 4
5	59. 38	9-00a.	31. 5	1. 55p.	92	22. 1	56. 38	3-00p.	22	2. 20a.	63	18. 1
6	58. 65	9-10a.	28. 2	1. 45p.	**98**	21. 7	54. 80	2-35p.	22. 5	5. 15a.	74	18. 7
7	55. 55	0-10a.	27. 5	10. 55a.	97	22. 1	52. 15	2-15p.	23. 2	4. 45a.	78	20. 1
8	57. 70	10-00p.	31. 8	0. 20p.	94	23. 5	54. 15	1-45a.	**24. 7**	12 m. n.	70	20. 1
9	60. 40	10-15p.	**32. 7**	0. 55p.	97	23. 3	56. 70	2-45p.	23. 9	4. 20a.	66. 5	20. 8
10	61. 49	10-00a.	29. 7	3. 05p.	97	23. 4	57. 95	3-40p.	23. 9	5. 30a.	73	**21. 4**
11	61. 85	9-30a.	30. 7	1. 40p.	97	23. 1	58. 70	3-20p.	23. 4	3. 45a.	72	20. 8
12	**61. 95**	9-35a.	32. 1	1. 15p.	97	22. 5	58. 95	3-40p.	22. 5	4. 45a.	64. 5	18. 9
13	61. 55	8-35a.	31. 2	0. 40p.	91	21. 4	59. 03	3-00p.	21. 9	4. 50a.	63. 5	18. 2
14	60	0-10a.	29	10. 05a.	97	21. 6	55. 30	12 m. n.	22. 7	6. 20a.	67	19
15	**55. 25**	0-05a.	**26. 6**	4. 00p.	97	22. 4	**49. 25**	4-05p.	22. 4	6. 05a.	**85**	19. 3
16	**55. 25**	9-50p.	31	2. 05p.	95	23. 2	52. 30	3-25a.	24. 1	4. 25a.	71	20. 4
17	56. 35	9-30p.	31. 5	1. 25p.	91	22. 3	53. 47	3-00p.	23. 2	9. 10p.	68	19
18	57. 55	8-20p.	30. 2	1. 25p.	97	23. 1	54. 90	2-55a.	23. 3	11. 55p.	68	20. 3
19	57. 57	8-00a.	31. 2	1. 10p.	97	22. 6	55. 27	2-00p.	22. 6	5. 55a.	67	19. 2
20	58. 35	8-50p.	31. 6	2. 20p.	92	21. 9	55. 29	3-00p.	**21. 4**	6. 20a.	64	17. 9
21	59. 80	10-00p.	31. 4	1. 55p.	93	22. 3	56. 95	3-45p.	22. 4	5. 25a.	64	19
22	60. 40	8-40a.	32. 2	11. 40a.	95	24. 3	57. 40	3-40p.	23. 2	6. 10a.	68	20. 4
23	60. 32	9-00a.	31. 1	3. 15p.	92	23. 2	57. 10	2-40p.	23. 9	4. 20a.	66	20. 3
24	60. 47	9-00a.	31. 3	2. 10p.	91	**24. 7**	57. 25	3-30p.	22. 9	6. 25a.	70. 5	19. 4
25	60. 90	8-40a.	28. 3	9. 45a.	90. 5	20. 5	58. 50	4-00a.	22. 4	4. 25a.	72	18. 5
26	60. 95	9-15a.	28. 6	3. 05p.	**85**	20. 1	58. 05	3-15p.	23	4. 15a.	70	17. 2
27	60. 67	9-00a.	29. 8	0. 50p.	93	**19. 8**	58. 30	2-50p.	22. 6	11. 50p.	64	**17**
28	61. 85	9-15a.	28	11. 50a.	97	22. 7	58. 52	3-00p.	22. 4	4. 15a.	79	19. 1
29	61. 45	9-25a.	29	10. 05a.	95	23	59. 50	4-40a.	22. 5	6. 15a.	75	19. 1
30	61. 85	9-00a.	31	0. 15p.	93	20	**59. 60**	2-05p.	22	6. 05a.	**54**	17. 2
Mean	759. 65	--------	30. 4	--------	94. 3	22. 4	756. 52	--------	22. 8	--------	68. 9	19. 2

DAILY GENERAL REMARKS.

1----⌒ a., ↯ W, NW, p in the afternoon.
2----⌓, ≡ a., p° 0.45p., 0.55p.
3----⌓° ≡ ⌒² a.; d° in the morning and afternoon; coloration of clouds at sunset; ●° at night.
4----≡, ⌒°, ●°, d a.; d, convergence of Ci. toward SSE in the afternoon.
5----d in the morning; ●° at night.
6----● in the morning and afternoon.
7----Rainy weather with gusty NNW winds veering to ESE.
8----⊤° N, d°, ⌒, p in the afternoon.
9----⌓° a.; ↯ N, < various points in the evening; p in the evening and night.
10----●° in the morning; d at night.
11----d 9.25a.; ⌒ p.; ● in the evening.
12----p° 2. 15p.
13----d° in the morning and afternoon.
14----○, convergence of Ci. toward SE in the morning; d, ● in the afternoon.
15----Rainy weather, especially in the morning with gusty NNW winds veering gradually to SE; < WSW in the evening.
16----Somewhat gusty SE winds in the morning and afternoon; ⊤ SW 0.15p.
17----⌓°, ≡ a.; thundershowers in the evening.
18----⌒, near ↯ SE, ● in the afternoon; < NE, ● in the evening.
19----⌓², ≡, convergence of Ci. toward SE in the morning.
20----⌓, ≡ a.; p° 3.10p.; ⌣, < NE in the evening.
21----⌓ a.; convergence of Ci. toward NW in the forenoon.
22----⌓, ≡ a.; ↯ SE in the evening.
23----↯ NE in the afternoon; < N in the evening.
24----p°, ●, bands of Ci.-S. extended from SSE to NNW in the afternoon.
25----d° in the forenoon and afternoon; ⌒ p.
26----d° 6a., 0.45p.
27----d in the afternoon; ● during night.
28----● in the morning and afternoon.
29----⊤° NW, ●, d p.
30----Cloudy weather.

OBSERVATIONS FOR DECEMBER, 1909.

ATMOSPHERIC PRESSURE, 700 mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	60.70	60.25	60	60.10	60.35	60.75	61.16	61.70	**61.76**	61.48	61.17	60.50
2	60.25	60	59.70	59.80	59.95	60.67	60.90	61.25	**61.33**	61.07	60.54	59.94
3	59.10	58.50	58.20	58.35	58.40	58.74	59.35	59.86	**59.92**	59.47	58.79	58.36
4	57.90	57.35	57.05	56.80	56.95	57.23	57.45	58	**58.19**	57.69	57.03	56.50
5	57.50	56.95	56.85	56.80	57	57.25	58	58.42	58.44	58.29	57.88	57.33
6	58.40	58.35	58.30	58.25	58.50	58.88	59.38	59.58	**59.71**	59.36	59.07	58.49
7	58.45	58.30	58.15	58.35	58.60	59.13	59.37	59.72	**59.87**	59.71	59.39	58.54
8	58.25	57.70	58	57.85	57.75	57.87	58.21	58.72	**58.95**	58.83	58.55	57.76
9	58.05	57.65	57.35	57.30	57.45	57.73	58.15	58.77	**58.96**	58.76	58.35	57.90
10	57.75	57	56.75	56.80	57	57.39	57.84	58.37	**58.72**	58.52	58.43	57.91
11	57.70	57.20	57.05	56.90	57.15	57.46	57.76	58.44	58.89	58.96	58.64	57.83
12	58.55	58	57.70	57.70	57.35	57.61	58.05	58.80	58.87	58.66	58.51	57.86
13	58.60	58.15	57.75	**57.55**	57.75	58.56	59.22	59.96	60.21	60.04	59.49	58.84
14	59.55	59.05	58.95	58.90	58.95	59.03	59.52	59.88	60	59.97	59.70	59.25
15	59.95	59.70	59.75	59.75	59.85	60.28	60.79	61.15	61.03	60.98	60.78	60.49
16	60.75	60.25	60.05	60.10	60.35	60.58	61.03	61.68	**61.99**	61.76	61.34	60.78
17	60.05	59.70	59.65	59.85	60	60.24	60.76	61.20	61.29	**61.30**	60.79	59.99
18	60.55	60.40	59.70	59.80	60	60.24	60.57	60.95	61.21	61.24	61.14	60.70
19	60.60	60.15	59.75	59.65	59.95	60.36	61.10	61.64	**61.69**	**61.69**	61	60.02
20	60.40	59.40	59.55	59.45	59.65	59.74	59.79	60.37	60.50	**60.53**	60.12	59.62
21	58.40	58	57.80	57.80	57.95	58.28	58.84	59.46	**59.70**	59.51	58.99	58.36
22	58.35	58	57.80	57.90	58.35	58.48	58.99	59.69	**59.85**	59.71	59.39	58.74
23	58.85	58.45	58.60	58.55	58.70	59.01	59.81	60.40	**60.48**	60.40	60.16	59.75
24	60	59.15	**59**	59.20	59.75	60.03	60.75	61.33	61.88	**62.09**	61.94	61.62
25	61	60.90	60.95	61.15	61.35	61.76	62.10	63	**63.05**	62.80	62.36	61.75
26	62.50	61.90	61.55	61.70	61.80	62.31	62.64	63.03	63.31	63.13	62.65	62.28
27	63.20	62.60	**62.45**	62.50	62.60	62.84	63.57	64.41	64.89	64.85	64.42	63.89
28	64.45	63.85	63.45	63.60	63.60	63.89	64.34	**65.31**	64.91	64.74	64.40	63.65
29	63.05	62.35	61.95	61.75	61.80	62.16	62.40	63.30	**63.56**	63.44	62.96	62.45
30	61.30	60.95	60.60	60.60	60.75	61.08	61.46	**61.63**	61.49	61.18	60.67	59.98
31	60.30	59.70	59.50	59.60	59.70	60.02	60.40	60.73	**60.75**	60.29	60.19	59.32
Mean	59.82	59.35	59.16	59.17	59.33	59.66	60.12	60.67	**60.82**	60.66	60.29	59.69

TEMPERATURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23.3	22.6	22.5	**22.3**	22.4	22.7	23.2	24.2	25.4	27.3	28.3	29
2	23.3	23.1	23.5	23.1	22.9	**22.5**	**22.5**	24.3	26.4	27.6	27.5	28.4
3	23.8	23.6	23.4	23.4	**23.3**	23.4	23.5	24	24.8	25.7	26.8	**27.2**
4	23.2	23	**22.8**	23.5	23.3	22.9	23.3	25.1	26.8	28.2	28	28.4
5	23	22.7	23.1	22.8	22.2	22.1	22	25.2	26.4	28	29	28.1
6	20.3	19.8	19.2	19.6	19.2	**19**	19.3	21.6	24.1	26.2	27	**27.7**
7	21.2	21.2	21.3	21	20.7	**20.6**	21.4	23.4	25.7	26	27.6	27.9
8	21.9	22.1	20.8	20.1	19.8	**19.4**	**19.4**	21.2	23.3	26	27.3	27.1
9	21.6	**21.4**	21.5	**21.4**	**21.4**	**21.4**	**21.4**	23.2	25	26.5	27.5	28.1
10	23.3	23.4	23.2	23.3	23.3	23	22.9	24	25.1	26.7	27	27.3
11	22.6	22.5	22.4	22.3	**22.1**	22.4	22.7	23.8	26	26	26.3	26.1
12	22.8	22.5	22.2	22.2	22	**21.9**	22.2	23.1	25.1	27.5	27.4	28.5
13	23.3	23.2	23.1	23.1	23.2	23.2	23.3	23.6	24.3	25.7	27.5	**28.5**
14	22.6	22.4	22.3	22.1	**22**	22.1	22.3	24.6	25.5	**27.6**	25.3	25.8
15	22.4	22.4	22.4	22.2	22	**21.5**	22	23.8	25.4	27.7	27.5	28.4
16	22.3	22	21.7	21.5	21.3	**21.2**	21.5	24.4	25.2	26	27.4	28.2
17	23.6	22.9	22.6	22.4	22.2	**22.1**	22.8	24.5	25.9	26.5	**28.6**	28.4
18	22.8	22.3	22	22.1	22	21.9	22.1	23	24.7	**26.7**	25.1	24.3
19	21.5	20.9	20.6	21	20.6	**20.4**	21	23.2	24.5	25.4	26.6	25.3
20	19.9	20.3	19.6	**19.1**	**19.1**	19.4	19.4	20.7	21.8	22.4	22.1	21.4
21	22.7	22.8	23.6	23.2	22.9	22.4	21.9	23.3	24.9	26.8	27.5	**27.9**
22	21.2	21.1	21	**20.5**	20.8	20.6	21	22.6	24.8	26.5	27.4	27.7
23	23.5	22.7	22.3	22.2	**22**	**22**	**22**	23.4	24.8	28	**28.5**	28.1
24	23.7	23.5	22.8	22.5	22.8	22.2	**21.8**	23.8	25.2	25.7	26	**26.1**
25	21.5	21.6	21.7	21.4	21.2	**21.1**	21.2	23.4	24.7	26.3	27.4	28
26	22.8	22.7	22.7	22.7	22.5	**21.6**	21.9	23.9	26.2	27.2	28	27.9
27	22.2	21.8	21.7	20.8	**20.7**	**20.7**	21.8	23.7	25.2	26.5	27.6	27.2
28	21.4	20.9	20.9	21	20.8	**20.4**	20.6	21.8	22.8	25	27.2	**27.4**
29	22.5	21.7	21.5	21.3	20.9	**20.8**	21.5	23.8	25.9	28	28.5	27.1
30	22.1	22.5	22.3	21.4	21.3	**21.1**	21.4	24.7	26.5	28.5	**28.9**	28.5
31	22.9	22.9	22.4	22.4	**22.1**	22.3	22.8	25	26.7	27.5	27.9	28.8
Mean	22.4	22.2	22	21.9	21.7	**21.6**	21.8	23.6	25.1	26.6	27.2	27.4

ATMOSPHERIC PRESSURE, 700 mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
59.97	59.40	**59.15**	59.84	60.07	60.40	60.73	60.95	61.25	61.35	61.25	60.85	60.63
59	58.22	58.09	**57.93**	58.35	58.78	59.20	59.70	59.95	59.85	59.70	59.70	59.74
57.73	57.61	57.41	**57.21**	57.51	57.98	58.58	58.80	59.10	59.10	58.85	58.30	58.55
55.82	55.24	**55.13**	55.64	56.21	56.71	57.46	57.70	58.10	58.10	57.85	57.60	**57.07**
56.62	**56.37**	56.40	56.70	57.40	57.66	58.21	58.65	58.95	**59**	58.75	58.50	57.66
57.79	57.16	57.05	**56.99**	57.31	57.70	58.10	58.35	58.55	58.65	58.55	58.40	58.37
57.68	57.10	56.96	**56.95**	57.50	58.05	58.34	58.65	58.75	58.75	58.75	58.50	58.48
56.72	56.46	56.08	**55.96**	56.28	56.65	56.82	57.60	58.15	58.30	58.35	58.30	57.67
56.96	56.25	**55.94**	55.98	56.20	57.14	57.84	58.10	58.35	58.50	58.40	58.30	57.68
57.13	56.38	**55.79**	56.62	56.29	56.99	57.49	57.80	58.10	58.15	58.10	58.05	57.47
56.93	56.55	56.23	**56.15**	56.58	57.40	57.90	58.35	58.85	**59.20**	59.05	58.95	57.76
56.98	56.27	**55.97**	56.14	56.72	57.33	58.10	58.70	59.20	**59.65**	59.60	59.20	57.98
58.49	57.99	57.63	57.84	58.34	58.75	59.12	59.70	60.20	**60.25**	60	59.95	58.93
58.54	58.02	**57.87**	58	58.55	59.01	59.72	60.10	60.35	**60.40**	60.20	60.20	59.32
59.75	59.30	**59**	59.14	59.33	60.17	60.55	60.75	61.25	**61.40**	**61.40**	61.20	60.32
59.84	59.04	58.72	**58.65**	59.02	59.29	59.78	60.20	60.45	60.45	60.30	60.25	60.28
59.80	59.24	**58.80**	59.08	59.63	60.01	60.54	61.20	61.15	61.15	60.90	60.60	60.29
59.85	59.24	**59.05**	59.47	59.76	60.06	60.52	61.15	**61.45**	61.40	**61.45**	60.85	60.45
59.34	58.96	58.86	**58.75**	59.31	59.57	59.75	60.40	60.45	60.80	60.75	61	60.23
58.57	57.66	**56.99**	57.21	57.53	58.06	58.56	59.05	59.40	59.45	59.15	58.80	59.15
57.93	57.39	**57.10**	57.21	57.42	58.06	58.45	59.10	59.25	59.10	59.05	58.60	58.41
57.94	57.39	**57.16**	57.39	57.60	58.40	59.05	59.55	59.70	59.60	59.50	59.10	58.65
59.25	58.43	**58.10**	58.43	58.84	59.17	59.67	59.95	60.35	60.25	60.15	60.25	59.42
61.34	61.07	60.99	60.84	60.81	60.58	60.21	59.50	60.95	60.85	61.05	61	60.66
60.69	60.44	**60.29**	60.57	60.94	61.52	61.93	62.25	62.75	62.75	62.90	62.80	61.75
61.84	**61.42**	61.44	61.72	62.14	62.82	63.09	63.25	**63.45**	**63.45**	63.35	63.35	62.50
63.20	62.58	62.47	62.59	63.22	63.74	64.15	64.70	64.85	**64.95**	64.90	64.85	**63.68**
62.95	62.50	62.05	**61.93**	62.29	62.72	63.08	63.45	63.70	63.65	63.40	63.40	63.55
61.48	60.79	60.49	**60.48**	60.84	61.32	61.45	61.90	62.25	62.15	61.80	61.80	62
58.94	58.38	**58.20**	58.39	58.99	59.09	59.79	60.40	60.65	60.75	60.65	60.50	60.27
58.55	57.82	**57.51**	57.57	58.11	58.68	59	59.40	59.40	59.40	59.45	59.35	59.36
58.96	58.41	**58.16**	58.30	58.68	59.16	59.59	59.98	60.30	60.35	60.24	60.08	59.62

TEMPERATURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
29.9	29.3	29.7	27.2	26.5	25.7	25.2	25.1	24.9	24.4	24.2	23.7	**25.4**
28.5	28.3	28.3	27.3	26.5	26.4	26.1	25.5	24.7	24.4	24.4	24.2	**25.4**
26.7	26	25.3	25.6	25.3	24.5	24.3	24.3	24.2	24.1	23.8	23.6	24.6
28.8	28.2	28.3	27.1	26.3	25	24.5	24.5	24.1	23.4	23.3	23.4	25.2
29.8	**30.3**	28.8	27	25	23	22.1	21.5	20.9	20.6	20.5	**20.4**	24.4
27.6	27.2	26.9	26	25.3	24.8	24.1	23.6	22.7	22.2	21.5	21.3	23.2
28.8	28	28.5	27	25.9	25.1	23.5	22.4	22.5	21.7	21.2	21.5	23.9
27.5	26.5	26.7	26.8	25.1	23.7	23.3	23.4	23.1	23	22.8	22.2	23.4
28.6	27.8	27.6	27.4	26.7	25.8	24.7	24.2	24	23.7	23.6	23.4	24.5
28.2	**28.2**	**28.2**	23.5	23.6	23.4	23.3	23.2	23.2	23.1	22.9	**22.7**	24.4
26.1	26.5	**27**	26.2	25.4	24.7	24.3	23.7	23.6	23.4	23.3	23.2	24.3
28.5	28.7	**29.2**	27.8	26.7	25.4	23.7	23.3	23.9	23.9	23.3	23.3	24.8
25.7	24.6	26.2	24.4	24.3	23.8	23.5	23.4	23.6	23.4	23.2	**22.9**	24.2
26.8	26.3	24.8	24.8	24	23.4	23.1	22.9	22.4	22.5	22.5	22.5	23.8
28.8	29.4	**30.1**	28	26.3	25.4	24.7	24.1	23.7	23.3	23.1	22.5	24.9
28.7	**29**	28.5	27.8	26.8	25.8	25.4	24.9	24.4	23.7	23.6	23.2	24.8
25.4	24.9	25.1	25	24.5	24.2	24	24	23.7	23.1	23	22.9	24.3
24.6	24.7	24.2	24.7	24.1	22.7	22.1	22.3	22.1	21.6	**21.3**	22.5	23.2
27.2	26.5	25.6	25.3	23.9	23.1	21.9	22	22	21.3	20.6	20.6	23
22.4	23	23.1	23.4	23.7	**24.6**	23.4	22.8	23.5	24.5	23.3	23	**21.9**
27.5	27	26.7	26.7	26	24.8	24.2	23.7	23.2	22.8	22.1	**21.5**	24.4
28.1	27.6	27	26.1	25.5	24.6	24.1	22.9	23.2	23.1	23.2	22.9	23.9
27.5	28	26.9	26.8	26	25.4	24.9	24.4	23.6	23.5	23.4	23.8	24.7
25.1	24.2	23.5	23.4	23	22.5	22.4	22.7	22.9	22.5	22.4	21.9	23.4
28.5	28.3	**29.3**	27.6	26.2	24.9	24	23.7	23.5	23	23	22.8	24.3
28.2	28.1	27.5	27	25.5	24.4	23.6	22.5	22.7	22.1	22.4	22.4	24.4
28.4	**28.8**	27.6	27.6	25.5	23.9	22.8	22.1	21.6	21.3	21	21.3	23.8
26.9	26.5	26.2	25.5	25	24.5	24.4	23.9	23.6	23.5	22.9	22.9	23.6
28.9	29.6	**30.1**	28.8	27.6	26.2	24.8	23.8	23.1	22.7	22.2	22.3	24.7
28.9	**28.9**	28.4	28.2	27.4	26.4	25.3	24.9	24.1	23.6	23.5	23	25.1
28.8	29	**29.8**	28.7	28.3	26.4	25.4	24.7	24	23.5	23.4	22.8	**25.4**
27.6	27.4	27.3	26.4	25.5	24.7	24	23.6	23.3	23	22.7	22.6	24.2

RELATIVE HUMIDITY.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	83	88	87	87	86	84	84	86	79	68	67	67.5
2	90	91	89	90	91	**93**	**93**	81	75	72	68	**62**
3	91	93	95	95	**96**	**96**	**96**	93	87	**80**	83	81
4	**93**	88	89	85	85	88	85	77	69	**63**	66	65
5	87	89	85	88	90	**91**	**91**	73	68	63	62	63
6	83	86	**88**	84	87	**88**	87	79	67.5	**56**	59	59
7	84	84	84	85	86	86	84.5	76	71	70	69	67
8	88	88	94	95	96	96	**97**	91	80	74	**61**	68
9	**92**	**92**	91	90	91	91	90	86	79.5	73	69	68
10	93	92	94	93	92	94	94	91	84	76	74	79
11	96	96	96	96	**97**	**97**	**97**	94	86	88	85	85
12	96	**97**	**97**	96	**97**	**97**	96	95	85	73	73	**70**
13	**97**	**97**	**97**	**97**	**97**	**97**	**97**	95	93	84	77	**76**
14	**97**	96	96	96	95	96	96	86	80	**75**	85	84.5
15	96	97	96	96	97	**99**	96	89	83	75	78.5	73
16	94	93	91	89	90	90	**95**	86	83	80	76	72
17	92	94	93	93	94	95	93	87	81	80	**71**	75
18	95	97	**98**	97	96	96	96	94	89	**80**	86	91
19	89	**92**	**92**	89	**92**	**92**	90	78	75	72	68	70
20	86	82	**88**	87	87	87.5	**88**	82	77	76	77	84
21	87	82	76	80	81	84	**87.5**	81	73	64	**58**	**58**
22	84	85	85	86	87	86	84	78	74	75	61	**60**
23	84	89	92	94	**96**	**96**	**96**	91	82	71	**68**	70
24	81	80	83	84	82	86	88	77	70	71	70	**69**
25	91	90	87	88	89	92	**94**	82	75	68	67	63
26	78.5	78	78	78	78	85	**86**	76	64	59	**55**	57
27	77	80	80	83	**84**	**84**	82	73	65	62	59	62
28	83	84	83	87	87	**90**	89	84	83	77	73	72
29	88	92	92	93	95	95	95	89	79	71	74	72
30	92	91	92	**95**	**95**	**95**	**95**	83	77	70.5	69	71
31	90	89.5	92	91	93	92	**94**	87	80	77	75	73
Mean.	89	89.4	89.7	89.9	90.6	**91.6**	91.5	84.5	77.9	72.4	70.4	70.5

VAPOR PRESSURE.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	17.6	17.9	17.6	17.4	**17.3**	**17.3**	17.9	19.2	19	18.2	19.1	20
2	19.2	19.1	19.1	19	18.9	18.8	18.8	18.2	19.2	19.7	18.5	**17.7**
3	20	20.1	20.3	20.3	20.3	20.4	20.6	20.7	20.2	**19.6**	21.6	21.6
4	**19.7**	18.3	18.5	18.2	18.1	18.2	18.1	18.3	18	**17.8**	18.6	18.7
5	18.1	18.2	17.9	18.1	17.9	18	17.9	17.3	17.5	17.8	18.5	17.7
6	14.8	14.7	14.6	**14.2**	14.5	14.4	14.6	15.1	15	14.3	15.7	16.3
7	15.8	15.7	15.8	15.8	15.6	**15.5**	16	16.3	17.4	17.6	19	18.6
8	17.3	17.5	17.2	16.7	16.5	**16.1**	16.3	17	16.9	18.5	16.6	18.2
9	17.6	17.4	17.3	**17**	17.2	17.2	**17**	18.2	18.7	18.7	18.9	19
10	19.8	19.7	19.8	19.8	19.6	19.6	**19.5**	20.3	20	19.8	19.6	21.3
11	19.5	19.4	**19.2**	19.3	**19.2**	19.6	20	20.6	21.5	**21.9**	21.6	21.4
12	19.7	19.7	19.3	19.2	19.1	**19**	19.2	19.9	20.1	20	19.9	20.2
13	20.7	20.4	20.5	20.5	20.4	20.4	20.5	20.5	21	20.5	21	22
14	19.7	19.2	19.1	18.9	**18.6**	18.9	19.1	19.7	19.4	20.5	20.4	20.8
15	19.4	19.6	19.4	19.2	19.1	18.9	18.8	19.4	19.9	20.7	21.4	21
16	18.8	18.2	17.5	17	16.9	**16.8**	18.2	19.4	19.9	20	20.6	20.4
17	19.9	19.5	18.9	18.7	**18.6**	18.7	19.2	20	20.2	20.6	20.5	21.5
18	19.5	19.5	19.3	19.2	19	18.8	19.1	19.6	20.6	20.9	20.4	20.6
19	17	16.8	16.7	16.5	16.7	16.5	16.6	16.5	17.1	17.4	**17.6**	16.9
20	14.8	14.6	14.9	**14.4**	**14.4**	14.7	14.8	14.8	15	15.3	15.3	15.9
21	**17.8**	16.9	16.4	16.8	16.8	17	17.1	17.2	17.2	16.7	15.7	16.2
22	15.8	15.9	15.8	**15.4**	15.9	15.5	15.6	15.8	17.2	**19.3**	16.7	16.7
23	**18**	18.3	18.4	18.6	18.8	18.8	18.8	19.5	19	**20.1**	19.8	19.8
24	17.7	17.1	17	17.1	16.9	17.1	17.1	16.9	**16.6**	17.4	17.6	17.3
25	17.3	17.3	16.9	16.7	16.7	17.1	17.5	17.5	17.3	17.4	18.2	17.6
26	16.2	16.1	16.1	15.9	15.9	16.2	**16.7**	**16.7**	16.2	15.9	15.4	15.8
27	15.4	15.6	15.4	15.2	15.3	15.3	16	16	15.4	15.8	16.2	16.6
28	15.7	15.5	**15.3**	16.1	15.9	16	16	16.3	17.2	18.2	**19.6**	19.5
29	17.7	17.7	17.5	**17.4**	17.5	**17.4**	18	19.4	19.6	19.9	**21.4**	19.1
30	18.2	18.4	18.4	17.9	**17.8**	**17.8**	18.1	19.3	19.9	20.4	20.5	20.6
31	18.7	18.6	18.5	**18.3**	**18.3**	18.4	19.3	20.4	20.7	21	21	21.4
Mean.	18	17.8	17.7	17.6	**17.5**	17.6	17.8	18.3	18.5	18.8	18.9	19

RELATIVE HUMIDITY.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
63	62	**59.5**	72	76.5	81	84	83	83	87	87	**89**	78.9
62	**62**	**62**	68	71	73	75	78	82	85	86	88	78.6
83	85	89	91	94	**96**	93	92	94	93	94	95	91
64.5	65	68	73	76	78	80	80	83	84	87	84	78.1
55	59	60	58	64.5	74	74	77	81	81	83	84	75
56	60	61	67	70	70	74	76	80	80	83	84	74.4
65	67	**65**	70	72	72	79	83	82	87	**90**	87	77.7
70	75	75	76	83	91	92	90	91	88	89	92	85
66	68	74	76	71	78	83	87	88	90	**92**	**92**	82.4
73	76	77	93	95	95	95	95	95	95	**96**	**96**	89
84	**80**	**80**	**80**	84	88	89	93	92	93	93	95	90.2
71	73	73	82	86	91	**97**	**97**	**97**	**97**	**97**	**97**	88.8
93	93	87	93	94	96	96	**97**	**97**	96	96	**97**	**93.3**
84	83	96	95	93	95	**97**	**97**	**97**	**97**	**97**	96.5	92.1
71	**68**	**68**	76	88	91	93	93	93	93	93	92	87.3
70	**68**	77	81	83	88	88	91	90	92	92	93	85.5
88	91	89	90	95	**97**	**97**	96	93	94	95	95	90.3
90	92	93	91	91	91	92	88	89	92	93	84	91.7
61	**61**	64	63	71	71	75	73	72	76	81	83	77.1
76	74	77	80	81	76	82	84	80	**73**	82	83	81.2
58	59	60	60	60	66	70	73	75	78	79	84	72.2
62	62	65	70	70	75	79	87	86	87	86	**89**	77.6
70	**68**	72	72	75	77	79	81	85	86	85	82	81.7
76	80	85	90	90	89	89	82	84	88	89	**91**	82.2
58.5	59	63	70	65.5	70	74	76	76	79	79	79	76.5
56	56	60	59	65	71	73	76	74	78	76	77	**70.6**
58	**56**	58	59	63	67	73	74	78	78	81	81	71.5
71	**68**	69.5	71	72	75	75	79	80.5	81	85	85	79.3
60	59	**57**	63	70	74	79	83	84	86	89	91	80.4
68	69	75	74	76	78	80	82	85	88	88	90	82.4
74	72	**68**	**68**	70	79	83	83	86	89	88	89	82.6
69.6	70	71.8	75.2	77.9	81.1	83.5	84.7	85.6	86.8	88.1	88.5	82.1

VAPOR PRESSURE.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
19.7	18.7	18.4	19.2	19.7	20	**20.1**	19.6	19.5	19.7	19.6	19.3	18.8
17.9	17.8	17.8	18.2	18.4	18.8	18.8	19	18.9	19.3	19.4	**19.8**	18.8
21.7	21.3	21.4	22.1	**22.6**	21.9	21	20.9	21.1	20.8	20.6	20.5	**20.9**
19	18.4	19.3	19.5	19.2	18.3	18.3	18.3	18.5	17.9	18.5	17.9	18.5
17.1	**19.1**	17.7	15.3	15.2	15.6	**14.6**	14.7	14.9	**14.6**	14.9	15	16.8
15.5	16.1	16.1	**16.8**	16.7	16.3	16.4	16.6	16.4	15.9	15.8	15.8	**15.5**
19.2	18.7	18.8	18.6	17.8	17	17	16.8	16.5	16.7	16.8	16.5	17.1
19	19.3	19.5	**19.9**	19.8	**19.9**	19.6	19.3	19.1	18.3	18.5	18.3	18.1
19.1	18.8	20.4	**20.5**	18.6	19.2	19.3	19.6	19.5	19.6	20	19.7	18.7
20.8	21.6	**21.7**	20	20.5	20.3	20.1	20	20	19.9	19.8	19.6	20.1
21.1	20.6	21.1	20.2	20.3	20.4	20.1	20.2	19.9	19.9	19.8	20	20.3
20.6	21.3	21.9	**22.8**	22.5	21.9	21.2	20.7	21.3	21.3	20.7	20.7	20.5
22.9	21.4	22	21.2	21.2	20.9	20.6	20.6	20.9	20.4	20.2	**20**	**20.9**
22	21.2	**22.3**	22.1	20.7	20.3	20.3	20	19.6	19.7	19.7	19.5	20.1
21	20.8	21.6	21.3	**22.3**	21.9	21.5	20.8	20.2	19.8	19.5	**18.6**	20.3
20.5	20.3	22.2	**22.4**	21.8	21.9	21.3	21.2	20.4	20.1	19.9	19.7	19.8
21.1	21.2	21.1	21.2	**21.7**	**21.7**	21.4	21.2	20.2	19.7	19.8	19.6	20.3
20.7	**21.4**	20.9	21	20.4	18.7	18.2	17.7	17.6	17.6	17.4	**17.1**	19.4
16.3	15.6	15.7	15.2	15.7	14.8	14.6	14.4	**14.2**	14.3	14.6	15	15.9
15.3	15.6	16.2	17	**17.5**	**17.5**	**17.5**	17.4	17.1	16.7	17.4	17.3	15.9
15.7	15.8	15.5	15.5	**15.1**	15.5	15.7	15.8	15.9	16	15.6	16	16.2
17.5	16.9	17.3	17.7	17	17.3	17.7	18	18.2	18.3	18.2	18.4	17
19	19.1	19	18.9	18.7	18.7	18.4	18.3	18.3	18.5	18.1	**18**	18.8
18.1	17.9	18.2	**19.3**	18.7	17.9	18	16.8	17.5	17.7	18	17.8	17.6
16.9	16.9	19.1	**19.2**	16.5	16.5	16.5	16.5	**16.4**	16.6	16.6	**16.4**	17.2
15.8	15.9	16.3	15.5	15.7	16.1	15.9	15.4	**15.2**	15.4	15.3	15.4	15.9
16.8	16.4	15.9	16.2	15.4	14.8	15	**14.6**	14.9	14.8	15	15.3	15.6
18.6	17.4	17.6	17.3	16.9	17.2	17.1	17.4	17.4	17.5	17.7	17.7	17.1
17.8	18.1	18	18.6	19.2	18.7	18.3	18.2	17.7	17.6	17.8	18.2	18.4
20.1	20.3	**21.6**	21.2	20.6	19.9	19.3	19.1	18.9	19	18.9	18.7	19.4
21.8	21.5	21.1	19.8	19.9	20.3	19.9	19.3	19	19.1	18.8	18.5	19.7
19	18.9	**19.2**	**19.2**	18.9	18.7	18.5	18.3	18.2	18.2	18.2	18.1	18.4

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	A.-Cu.		A.-Cu.	ENE	A.-Cu.	E	A.-Cu.				A.-Cu.	
2	Ci.-S.		A.-Cu.	E	A.-Cu.	EbyN	A.-Cu.		A.-Cu.		A.-Cu.	
3	Ci.-S.								Ci.-S.			
4	Ci.-S.		Ci.		Ci.		Ci.					
5	A.-Cu.											
6	Ci.-S.		Ci.-S.	EbyN	Ci.-S.		Ci.-S.	E	Ci.-S.		Ci.-S.	
7	Ci.-S.		Ci.		Ci.		Ci.-S.		Ci.		Ci.-S.	
8	Ci.-S.	EbyS	Ci.-S.	EbyS	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
9	A.-Cu.		A.-Cu.	E	A.-Cu.		A.-Cu.		A.-Cu.	SE	A.-Cu.	
10	Ci.-S.				A.-Cu.		Ci.-S.		Ci.-S.		Ci.-S.	
11	A.-Cu.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
12	Ci.-S.		Ci.-S.		A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.	
13	Ci.-S.		A.-Cu.		A.-Cu.						A.-Cu.	
14	Ci.		Ci.									
15	Ci.-S.		Ci.		Ci.		Ci.		Ci.		Ci.	
16	Ci.		Ci.		Ci.		A.-Cu.		A.-Cu.		A.-Cu.	
17	Ci.		A.-Cu.	NbyE	A.-Cu.	NbyE			A.-Cu.			
18	Ci.-S.	SE	Ci.-S.	SE	Ci.-S.	SE	Ci.-S.					
19	Ci.-S.	SE	Ci.-S.	SE	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
20	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
21	Ci.-S.		A.-Cu.		A.-Cu.				A.-Cu.		A.-Cu.	
22	A.-Cu.		A.-Cu.	ENE	A.-Cu.	ENE	A.-Cu.		Ci.-S.		Ci.-S.	
23	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-Cu.	SE	A.-Cu.			
24	Ci.-S.											
25	A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.	
26			A.-Cu.		A.-Cu.	NEbyE	A.-Cu.		A.-Cu.	ENE	Ci.	
27	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
28	Ci.		A.-Cu.	E	A.-Cu.				A.-Cu.			
29	A.-Cu.		Ci.-S.				A.-Cu.		A.-Cu.		Ci.-S.	
30	Ci.				A.-Cu.							
31	A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.	

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	S.-Cu.		N.-cf.		S.-Cu.		N.-cf.		N.-cf.		N.-cf.	
2	Cu.	ENE	Cu.	ENE	Cu.		S.-Cu.	ENE	N.-cf.		N.-cf.	ENE
3	Cu.-N.	ENE	N.		Fr.-N.	ENE	N.		Cu.	NEbyE	N.-cf.	
4	S.-Cu.	E	Fr.-Cu.	N	Fr.-Cu.		Cu.	NE	Cu.		Cu.	
5	S.-Cu.		Cu.		Cu.		Cu.		Cu.	ENE	Cu.	NbyE
6	S.-Cu.		Cu.		Cu.		Cu.		Cu.		S.-Cu.	
7	S.-Cu.		S.-Cu.	EbyN	S.-Cu.	EbyN	S.-Cu.	EbyN	Cu.	NE	Cu.	
8	Cu.-N.		Cu.-N.		Cu.		Cu.		Cu.		Cu.	
9	S.-Cu.	SE	S.-Cu.		S.-Cu.	SE	S.-Cu.		S.-Cu.		Cu.	
10	S.-Cu.	E	S.-Cu.		S.-Cu.	E	S.-Cu.		S.-Cu.		Cu.-N.	
11	S.-Cu.		S.-Cu.		S.-Cu.		S.-Cu.		S.-Cu.		S.-Cu.	
12	S.-Cu.		S.-Cu.		Cu.		Cu.		N.-cf.		Cu.-N.	
13	Cu.-N.		Cu.-N.		Fr.-N.	SEbyE	N.-cf.	EbyS	N.-cf.	EbyS	N.-cf.	
14	S.-Cu.	E	S.-Cu.	ENE	S.-Cu.	ENE	N.-cf.		N.		N.	
15	S.-Cu.	NbyE	S.-Cu.		S.-Cu.		N.-cf.		N.-cf.		Cu.	
16	S.-Cu.		Cu.	NE	Cu.		Cu.	NE	Cu.		Cu.	
17	S.-Cu.		S.-Cu.		Fr.-Cu.		N.-cf.	E	S.-Cu.		N.	
18	Cu.-N.	NE	S.-Cu.		S.-Cu.		N.		N.		N.	
19	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
20	S.-Cu.		S.-Cu.		S.-Cu.	EbyN	S.-Cu.	EbyN	S.-Cu.		N.-cf.	
21	S.-Cu.		S.-Cu.		S.-Cu.	NE	S.-Cu.	NE	S.-Cu.	NE	S.-Cu.	
22	S.-Cu.		S.-Cu.		S.-Cu.		Cu.		Cu.		Cu.	
23	S.-Cu.		S.-Cu.	E	S.-Cu.	E	S.-Cu.	ENE	Fr.-Cu.	NE	N.-cf.	
24	S.-Cu.		S.-Cu.	E	S.-Cu.	E	S.-Cu.		S.-Cu.		S.-Cu.	
25	S.-Cu.	E	S.-Cu.		Cu.		Cu.		Cu.	NEbyE	Cu.	
26	S.-Cu.	EbyN	S.-Cu.	EbyN	Cu.		Cu.		S.-Cu.		S.-Cu.	
27	S.-Cu.	E	Fr.-Cu.		Fr.-Cu.		Cu.		Cu.	E	Cu.	E
28	S.-Cu.		Cu.		S.-Cu.	E	S.-Cu.	E	Cu.		Cu.	
29	S.-Cu.	E	S.-Cu.		S.-Cu.	ESE	Fr.-Cu.	ESE	Fr.-Cu.	ESE	N.-cf.	
30	S.-Cu.		S.-Cu.		Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.	
31	S.-Cu.	EbyS	Cu.	EbyS	Cu.		Cu.		Cu.		Cu.	

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	Ci.-S.	-----
A.-Cu.	-----	Ci.-Cu.	-----	A.-Cu.	-----	A.-Cu.	SE	A.-Cu.	-----	Ci.-S.	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	A.-Cu.	ENE	A.-Cu.	-----	-----	-----	-----	-----	A.-Cu.	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Ci.-S.	-----	-----	-----	Ci.-S.	-----	Ci.-S.	-----	-----	-----	Ci.-S.	-----
Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-Cu.	-----	A.-Cu.	-----	A.-Cu.	-----
Ci.-S.	-----	Ci.-S.	-----	A.-Cu.	-----	A.-Cu.	-----	Ci.-S.	-----	Ci.-S.	-----
A.-Cu.	SE	A.-Cu.	SE	A.-Cu.	SE	A.-Cu.	SE	A.-Cu.	-----	-----	-----
Ci.-S.	-----	A.-Cu.	S	Ci.-S.	-----	-----	-----	Ci.-S.	-----	Ci.-S.	-----
Ci.-S.	-----	Ci.-S.	SbyE	Ci.-S.	SbyE	Ci.-S.	SbyE	Ci.-S.	-----	Ci.-S.	-----
A.-Cu.	SE	A.-Cu.	SE	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	-----	-----
A.-Cu.	-----	-----	-----	-----	-----	-----	-----	A.-Cu.	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----	A.-Cu.	-----	A.-Cu.	-----
A.-Cu.	-----	Ci.-S.	-----	Ci.-S.	SEbyE	Ci.-S.	-----	Ci.	-----	Ci.	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	-----	-----
Ci.-S.	E	Ci.-S.	E	Ci.-S.	E	Ci.-S.	E	Ci.-S.	E	Ci.-S.	-----
Ci.-S.	-----	Ci.-S.	-----	-----	-----	-----	-----	-----	-----	Ci.-S.	-----
Ci.-S.	-----	-----	-----	-----	-----	A.-Cu.	-----	A.-Cu.	-----	-----	-----
Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	-----	-----
-----	-----	-----	-----	-----	-----	A.-Cu.	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Ci.-S.	-----	Ci.-S.	-----	Ci.	-----	Ci.	-----	Ci.-S.	-----	A.-Cu.	-----
Ci.	-----	Ci.	-----	-----	-----	A.-Cu.	-----	A.-Cu.	-----	A.-Cu.	-----
Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----
Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	-----	-----	-----	-----
-----	-----	A.-Cu.	-----	A.-Cu.	-----	A.-Cu.	-----	A.-Cu.	-----	-----	-----
Ci.-S.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
A.-Cu.	-----	A.-Cu.	E	A.-Cu.	E	A.-Cu.	-----	-----	-----	-----	-----

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Fr.-Cu.	EbyN	Cu.	EbyN	N.	E	N.	-----	Fr.-N.	E	S.-Cu.	-----
S.-Cu.	ENE	S.-Cu.	ENE	S.-Cu.	ENE	S.-Cu.	ENE	S.-Cu.	-----	S.-Cu.	-----
Fr.-N.	-----	Fr.-N.	NE	Fr.-N.	NE	N.	NE	N.	-----	Fr.-N.	-----
N.-cf.	-----	Cu.	NE	N.-cf.	-----	N.-cf.	NE	S.-Cu.	NE	S.-Cu.	-----
Cu.	NNE, NbyE	Cu.	-----	Cu.	NNE	Cu.	-----	Cu.	-----	Cu.	-----
S.-Cu.	-----	S.-Cu.	E	S.-Cu.	E	S.-Cu.	-----	Fr.-N.	-----	S.-Cu.	-----
N.-cf.	NE	Cu.	NE	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----
Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----
Cu.	-----	S.-Cu.	-----	S.-Cu.	-----	S.-Cu.	-----	Cu.-N.	-----	N.	-----
Cu.	-----	Cu.-N.	-----	Cu.-N.	-----	N.	-----	Cu.-N.	-----	Cu.-N..	-----
S.-Cu.	-----	Cu.-N.	-----	Cu.-N.	-----	Cu.-N.	-----	Cu.-N.	-----	S.-Cu.	-----
Cu.-N.	-----	Cu.-N.	-----	N.	E	Fr.-N.	E	Fr.-N.	E	N.	-----
Cu.-N.	E	N.	-----	N.-cf.	E	Cu.-N.	-----	S.-Cu.	-----	Cu.-N.	-----
N.	E	Fr.-N.	E	N.	E	Fr.-N.	E	N.	-----	N.	-----
Cu.	-----	Cu.	E	Cu.	E	Cu.	-----	Cu.	-----	Cu.	-----
Cu.-N.	-----	Cu.	NE	Cu.-N.	-----	Cu.-N.	ENE	Cu.-N.	-----	S.-Cu.	-----
N.	-----	Cu.-N.	E	N.-cf.	E	N.-cf.	E	Fr.-N.	-----	Cu.-N.	-----
Fr.-N.	-----	N.	NEbyN	Cu.-N.	-----	Cu.-N.	NE	N.-cf.	-----	N.-cf.	-----
Cu.	N	Cu.	NbyE	S.-Cu.	NbyE	Cu.	-----	S.-Cu.	-----	S.-Cu.	-----
Fr.-N.	-----	Fr.-N.	-----	Fr.-N.	NE	Fr.-N.	NE	Fr.-N.	-----	S.-Cu.	-----
S.-Cu.	NE	S.-Cu.	-----	S.-Cu.	NE	S.-Cu.	NE	S.-Cu.	-----	S.-Cu.	-----
S.-Cu.	E	S.-Cu.	E	S.-Cu.	E	S.-Cu.	SE	S.-Cu.	SE	S.-Cu.	-----
N.-cf.	-----	N.-cf.	ENE	N.-cf.	E	N.-cf.	-----	N.-cf.	E	Fr.-N.	-----
N.	-----	N.	-----	N.	ESE	N.	-----	Fr.-N.	-----	N.	-----
Cu.	-----	Cu.	-----	Cu.	-----	Cu.-N.	-----	Fr.-Cu.	-----	Cu.	-----
Fr.-N.	EbyN	S.-Cu.	EbyN	S.-Cu.	EbyN	N.-cf.	EbyN	S.-Cu.	-----	S.-Cu.	-----
Cu.	E	Cu.	-----	Cu.	E	Cu.	E	Cu.	-----	Cu.	-----
Cu.-N.	-----	S.-Cu.	ESE	S.-Cu.	ESE	S.-Cu.	ESE	S.-Cu.	ESE	S.-Cu.	-----
Cu.	-----	Cu.	ESE	Cu.	E	Cu.	E	Cu.	-----	Cu.	-----
Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.	-----	Cu.	-----
Cu.	ESE	Cu.	ESE	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	NW	1	Calm	--------	N	1	Calm	--------	Calm	--------	NNE	1
2	N	3.5	N	1.5	N	3.5	N	2.5	N	0.5	Calm	--------
3	Calm	--------	Calm	--------	NE	1.5	Calm	--------	Calm	--------	NE	1
4	NE	.5	NE	1.5	NE	1	NNE	1.5	NNE	1.5	NNE	1
5	Calm	--------	NE	1	N	2	Calm	--------	Calm	--------	NNE	.5
6	N	2	Calm	--------	N	2	N	2	N	2	NNE	1
7	N	1	Calm	--------	N	1	N	1.5	N	1.5	NNE	1
8	NW	2	NW	2.5	Calm	--------	Calm	--------	NW	1.5	Calm	--------
9	Calm	--------	Calm	--------	N	1	N	1	N	.5	Calm	--------
10	NE	1	NE	1	Calm	--------	Calm	--------	Calm	--------	Calm	--------
11	NE	.5	NE	.5	NE	1	NE	1	Calm	--------	Calm	--------
12	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
13	NNW	1.5	Calm	--------	Calm	--------	Calm	--------	SE	2	NNE	1
14	Calm	--------	NE	.5	Calm	--------	Calm	--------	Calm	--------	NNE	.5
15	NNW	2	NW	2	N	3	NNW	4	NNW	2	N	3
16	Calm	--------	Calm	--------	ENE	1	ENE	1	ENE	1.5	NE	1
17	Calm	--------	Calm	--------	ENE	.5	ENE	.5	ENE	1	NE	1
18	NNE	2.5	NE	2	N	1.5	Calm	--------	N	1.5	NbyW	1.5
19	Calm	--------	NNE	.5	NNE	1	N	2.5	N	1.5	NNE	2
20	E	1	NNE	3	N	3	N	3	N	2	N	2
21	NW	1.5	NNW	3.5	N	5	N	4	N	3	N	1.5
22	ENE	1	ENE	1.5	NNE	1.5	NNE	1	NNE	1	NbyE	1.5
23	WSW	1	W	1	Calm	--------	NNW	.5	NNW	.5	NE	.5
24	N	2	N	4	N	3	N	1.5	N	1.5	N	1
25	NNE	.5	NW	1.5	N	3	N	2	NNE	1.5	NNE	.5
26	N	2.5	NNE	2	NNE	2	NNE	2	NNE	2	NNE	1
27	NW	1	NW	.5	NW	1	Calm	--------	N	1	N	1
28	Calm	--------	Calm	--------	NNW	1.5	NNW	.5	N	1	Calm	--------
29	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NbyE	1.5
30	NW	1	W	.5	Calm	--------	NNW	1.5	NNW	1	NNW	1.5
31	Calm	--------	Calm	--------	Calm	--------	NE	.5	Calm	--------	Calm	--------
Mean	------------	.9	------------	1	------------	1.3	------------	1.1	------------	1	------------	.9

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	ENE	1.5	ESE	2	SEbyE	5	E	2	Calm	--------	Calm	--------
2	NE	8.5	NE	4.5	NE	5	NNE	5	ENE	5	NEbyE	4
3	S	.5	SE	3.5	Calm	--------	Calm	--------	Calm	--------	SE	1.5
4	NNE	5.5	ENE	1.5	NNE	3.5	NNE	4	NNE	3	NNE	3.5
5	NW	1.5	S	2	SSW	.5	NE	4	NE	3.5	Calm	--------
6	WSW	1.5	NE	3.5	NEbyN	3	N	3	N	2	Calm	--------
7	WSW	1	SSW	1.5	WSW	1	Calm	--------	Calm	--------	Calm	--------
8	W	3.5	WSW	2.5	SW	2.5	WNW	1.5	WNW	1.5	Calm	--------
9	NW	1.5	WNW	1	W	2.5	WNW	1	S	.5	Calm	--------
10	WSW	2.5	W	2.5	NW	1.5	NE	5.5	Calm	--------	NNE	1
11	SE	2.5	ESE	1.5	SE	1	SE	4	SE	3	SE	2
12	NE	.5	WSW	2.5	Calm	--------	Calm	--------	NNW	1	NNW	7
13	NW	.5	N	3	NW	3.5	NNW	3	N	2	Calm	--------
14	NNE	1	Calm	--------	NE	2.5	Calm	--------	NE	1	Calm	--------
15	WSW	4	WNW	3.5	Calm	--------	NNE	2	Calm	--------	NNE	.5
16	WbyS	2.5	WSW	2	WSW	1	Calm	--------	Calm	--------	SSE	1
17	E	2.5	SSE	2	S	1	S	1.5	S	1	SSE	.5
18	Calm	--------	Calm	--------	Calm	--------	Calm	--------	E	.5	Calm	--------
19	E	4.5	ENE	2.5	NEbyE	2.5	NEbyE	1.5	NE	1	NE	2.5
20	NNW	3	N	2.5	N	4	N	3	NNE	2	NE	3
21	NNE	6	NNE	4.5	NE	3	NE	4.5	NE	6	ENE	2
22	ENE	1.5	NE	2.5	N	3	NNE	4	NNW	2.5	N	1.5
23	NNE	5.5	N	4	N	6.5	N	5.5	N	5.5	N	4
24	SSE	1.5	WNW	3	Calm	--------	Calm	--------	Calm	--------	E	2
25	E	1	E	1.5	S	2	NNW	2	NNE	5	NNE	5.5
26	NE	6	ENE	3	NE	3	EbyN	3	EbyS	2.5	Calm	--------
27	NNE	2.5	ESE	1.5	E	1.5	NE	2.5	NE	1	ENE	1
28	N	2	NNE	5	NNE	4	N	6	N	6	N	3
29	ESE	2.5	E	5	EbyN	4	NE	1.5	NE	1.5	Calm	--------
30	W	6.5	NbyW	.5	W	1.5	SE	4.5	SE	4.5	ESE	1.5
31	W	2	WSW	1.5	ESE	4	ESE	3	E	1.5	Calm	--------
Mean	------------	2.8	------------	2.5	------------	2.3	------------	2.5	------------	2	------------	1.5

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
NNE	1	NNE	0.5	NNE	1	Calm	---------	NNE	2	NNE	1.5
Calm	---------	NNW	2.5	NNE	3	NNE	4	NNE	5.5	NNE	6.5
NE	1	Calm	---------	Calm	---------	Calm	---------	E	.5	SbyW	2.5
NNE	2	NNE	1	NNE	3.5	NNW	2	NE	1.5	NNE	3.5
N	.5	NNE	1	NNW	1	S	1	SW	2	WSW	4.5
NNE	1	NNE	1	NNE	1	Calm	---------	SSW	1	WSW	2.5
NNE	2	N	2.5	NNE	2	NNE	3	SSE	1	SSW	2.5
NNE	.5	N	.5	Calm	---------	Calm	---------	W	1.5	W	4
NE	1	Calm	---------	NE	.5	WNW	1.5	WNW	1.5	W	3.5
NE	1	Calm	---------	Calm	---------	WNW	1.5	Calm	---------	SW	.5
Calm	---------	NE	.5	SW	.5	SSE	1.5	SE	3	SE	3
Calm	---------	Calm	---------	Calm	---------	E	1	WNW	2.5	WNW	2
NNE	1	NE	2	NE	1	NNW	2.5	NEbyE	.5	NW	3
Calm	---------	NE	2	NE	2.5	NNE	1.5	NNE	3.5	NE	1
N	3	NbyE	3	NE	1.5	Calm	---------	SW	2	WSW	4.5
Calm	---------	Calm	---------	WNW	3	WNW	2	W	2.5	WSW	3.5
Calm	---------	Calm	---------	ENE	.5	NE	1	NNW	4	N	3.5
NNE	1	N	1	NNE	.5	NNE	1	Calm	---------	NNW	2.5
N	2	Calm	---------	NW	.5	Calm	---------	NE	2	NE	2
Calm	---------	NNE	1.5	NNE	3.5	NE	.5	NNE	2.5	NE	1
NNE	.5	NNE	1	NbyE	2.5	NNE	3.5	NNE	7	NNE	7
NbyE	1.5	N	2	N	2.5	N	3.5	NNE	4	N	4.5
Calm	---------	Calm	---------	NNE	2	N	5	N	2.5	NNE	3
Calm	---------	Calm	---------	NNE	2.5	NNE	1.5	WNW	2	W	1.5
Calm	---------	Calm	---------	NNE	.5	NNW	.5	S	2	S	2.5
N	3.5	NNE	1.5	ESE	.5	ENE	1.5	NE	6	NE	9
NWbyN	2.5	NNW	2	WNW	2.5	WNW	1.5	WSW	1.5	WSW	.5
Calm	---------	NNE	1.5	N	3	N	1.5	NNE	.5	ENE	2
Calm	---------	N	1.5	NE	.5	Calm	---------	SW	1.5	NW	2
NNW	1	NNE	.5	NNE	1.5	NE	1.5	WSW	4	WSW	3
ENE	.5	Calm	---------	ENE	1.5	SW	2	W	3	W	3.5
------------	.9	------------	.9	------------	1.5	------------	1.5	------------	2.4	------------	3.1

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		12 m. n.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm	---------	NNE	2	NNE	2.5	NNE	2.5	NE	2	NE	2	1.3
ENE	3	ENE	2	ENE	1.5	ENE	1	Calm	---------	Calm	---------	3
Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	.5
Calm	---------	N	2	Calm	---------	Calm	---------	Calm	---------	N	.5	1.8
E	1	Calm	---------	Calm	---------	Calm	---------	ENE	1	N	1.5	1.2
N	1	Calm	---------	Calm	---------	N	.5	Calm	---------	N	1	1.3
Calm	---------	ENE	.5	ENE	1.5	ENE	1	Calm	---------	ENE	2	1.1
SSE	1	SSE	.5	SSE	1.5	SE	1.5	SE	1	Calm	---------	1.2
NE	.5	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	.7
Calm	---------	Calm	---------	Calm	---------	Calm	---------	NE	.5	Calm	---------	.8
SE	1.5	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	1.1
NNW	5	Calm	---------	NW	1	Calm	---------	W	2.5	NNW	2.5	1.1
Calm	---------	Calm	---------	Calm	---------	Calm	---------	ESE	1	Calm	---------	1.1
NNE	1.5	N	2.5	NE	1.5	Calm	---------	Calm	---------	N	2.5	1
Calm	---------	NNE	1.5	Calm	---------	Calm	---------	ENE	.5	Calm	---------	1.8
SSE	1	ENE	.5	E	.5	E	.5	Calm	---------	Calm	---------	1
Calm	---------	ENE	1	NE	.5	NNE	2	N	2.5	N	2	1.2
NNE	.5	N	1.5	N	2	Calm	---------	NE	1.5	ENE	3	1
NEbyE	2.5	ENE	2	ENE	2.5	ESE	1.5	ESE	2	E	.5	1.6
ENE	2	NNE	3	N	3	NE	6.5	N	2	NW	1.5	2.4
NE	2.5	ENE	2	ENE	1.5	ENE	1.5	ENE	.5	ENE	1.5	3.1
Calm	---------	Calm	---------	SSE	.5	S	.5	Calm	---------	Calm	---------	1.7
N	2.5	Calm	---------	Calm	---------	Calm	---------	N	2.5	N	2.5	2.3
NNW	2.5	NbyW	2.5	SW	2	NNE	1.5	Calm	---------	Calm	---------	1.5
NNE	3	NNE	2.5	Calm	---------	NNE	.5	Calm	---------	N	.5	1.6
N	1	NNW	1	NW	1.5	NW	1.5	NW	2	NW	2	2.5
Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	NNW	1	1.1
N	1.5	Calm	---------	N	1.5	NE	1.5	NE	1	Calm	---------	1.8
Calm	---------	Calm	---------	NNW	1	Calm	---------	Calm	---------	Calm	---------	.9
Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	1.5
Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	ESE	1	1
------------	1.1	------------	.9	------------	.8	------------	.8	------------	.7	------------	.9	1.5

WIND—FORCE IN KILOMETERS PER HOUR.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	6	3.5	2.5	2	1	4	7	2	2	7	12	9
2	7.5	8	8	10.5	7.5	4.5	5	6.5	13.5	16	25.5	28.5
3	2.5	.5	4	3	2	1.5	3	3.5	2	3	2	5
4	2	4.5	5	6.5	8	5	7	8	11	11	10	19.5
5	1	1	4.5	4.5	1	1	.5	6.5	5.5	7.5	6.5	11
6	5.5	4	3	9	5.5	5.5	6.5	7	7	5.5	5	7.5
7	2	2.5	2.5	4.5	5	7	10	12	**13**	11.5	5.5	5.5
8	7	7.5	3.5	1	3	3.5	2	2	1	1.5	6	10.5
9	.5	0	3	3	3	.5	1.5	1	4.5	2.5	7	10
10	1.5	4.5	3.5	2	2	2	0	2	0	4	4	2.5
11	1	1.5	2	1.5	1	.5	.5	0	0	1	4	6.5
12	0	0	0	0	1	1	0	0	1.5	.5	9	11
13	4.5	1	1	3.5	3.5	1.5	5.5	4	1.5	3.5	3.5	6.5
14	.5	1.5	2	1	0	2	1	4	9	11	**14**	11.5
15	6	4	4.5	10.5	6	9	11	9	11	7	6.5	11.5
16	0	1.5	2	5	3	5.5	3.5	.5	3.5	8.5	**11.5**	11
17	2.5	2.5	1	1.5	2	3.5	1.5	2	3	9	10	11
18	10.5	8	5	1.5	3.5	8	6	3.5	5.5	7	5.5	9
19	6	2	4.5	6	5	7.5	9.5	4	4	1	5.5	**16**
20	2.5	6	9.5	12	7	10	6.5	6.5	10	12	13	3
21	5	8	16.5	15.5	10.5	11.5	3	2	8.5	17.5	29	28
22	4	5	6	6.5	5.5	5.5	7.5	6	12	15	**18**	17
23	4.5	4.5	3	1	2	5	2.5	0	4	15	14	14
24	7	11	12	3	7	3	2	1	7.5	7.5	4.5	6
25	.5	2	9	12.5	7.5	4.5	2	0	.5	2.5	5	9
26	5	8.5	8	7.5	7	2.5	4.5	5	7	6	20	16
27	4	2.5	2.5	3.5	2	6	7.5	7.5	7.5	**9**	8.5	6.5
28	3	1	2	4.5	2	2.5	1.5	2.5	2.5	4	6	6.5
29	1	.5	0	.5	.5	1	3.5	1	3.5	5.5	8.5	8.5
30	1	2.5	4.5	2.5	4	.5	1	3	2.5	2.5	8	12
31	1	1	0	3.5	1	0	2.5	1	1.5	3.5	9.5	**13**
Mean	3.4	3.6	4.3	4.8	3.8	4	4	3.6	5.3	7	9.6	11

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. m.
1	5	8	9	9	10	8	3	4	8	10	10	10	7.8	5 05
2	8	6	8	8	10	10	7	7	8	5	7	7	7.6	2 00
3	9	10	10	10	9	10	10	10	10	10	10	10	9.8	**0 00**
4	10	3	2	4	7	8	7	10	9	10	10	7	7.2	4 15
5	4	2	1	2	3	8	3	4	4	3	3	2	**3.2**	7 55
6	9	7	7	8	9	10	10	10	10	10	10	9	9.1	4 10
7	8	3	5	9	6	6	9	8	5	6	8	8	6.8	5 30
8	10	9	8	7	7	7	8	10	9	7	5	4	7.6	2 30
9	7	7	10	9	8	6	4	7	9	10	10	10	8.1	3 05
10	8	9	8	8	9	10	7	7	8	10	9	8	8.4	2 10
11	9	9	10	8	9	9	9	10	10	10	10	10	9.4	0 05
12	9	9	9	7	9	7	7	6	8	10	10	10	8.4	4 25
13	10	9	10	9	9	7	9	10	10	10	9	10	9.3	2 35
14	7	6	10	6	10	10	10	10	10	10	10	10	9.1	2 20
15	5	1	1	4	5	4	4	3	4	6	2	3	3.5	**8 35**
16	3	2	3	3	3	4	3	4	6	5	4	2	3.5	7 30
17	7	6	4	9	8	10	10	10	10	10	10	10	8.7	1 35
18	9	8	6	8	10	10	10	10	10	10	10	10	9.2	0 45
19	7	8	8	9	9	9	8	8	9	8	8	9	8.3	2 40
20	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
21	9	8	10	10	9	9	10	10	10	10	10	10	9.6	0 15
22	7	10	10	10	8	9	10	10	10	10	10	10	9.5	0 20
23	10	10	8	7	8	10	10	10	10	10	10	10	9.4	1 45
24	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
25	10	10	10	10	9	9	9	8	6	6	3	5	7.9	4 15
26	5	5	4	7	6	7	5	6	7	6	8	8	6.2	6 30
27	3	1	1	1	2	5	4	5	5	6	6	3	3.5	7 40
28	6	8	9	10	8	8	10	10	10	10	10	10	9.1	0 50
29	3	7	7	3	3	9	9	8	9	9	7	5	6.6	5 45
30	3	2	3	4	6	6	7	7	7	7	7	3	5.2	7 25
31	8	7	4	4	6	6	6	7	6	6	4	3	5.6	6 15
Total														108 10
Mean	7.4	6.8	6.9	7.2	7.6	8.1	7.7	8	8.3	8.4	8.1	7.6	7.7	3 29

WIND—FORCE IN KILOMETERS PER HOUR.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
13	6.5	8.5	9	6	2	2	5.5	8.5	10.5	8.5	6	6
29	27	21.5	18	12	19	15	13	7.5	5.5	3.5	1	13
6	**6.5**	2.5	1	1	1.5	2.5	3.5	2.5	0	1	2	**2.6**
18	12.5	**24**	18	16	14	7	6	4.5	1	0	2	9.2
11	8.5	7.5	11	**17**	5	3.5	2.5	0	0	2	5	5.1
7.5	9	**20**	17	14.5	8	6.5	2	1.5	4	.5	3.5	6.9
4	4.5	4.5	2.5	3	4.5	3.5	2.5	3.5	4.5	2.5	2.5	5.1
11.5	8.5	6.5	7	0	0	1	2.5	3.5	7	6	3.5	4.4
14	12	8.5	5.5	2.5	1	2	.5	2.5	0	0	1	3.6
5	6.5	9	**10.5**	9	5	2.5	0	0	0	1.5	2	3.3
5	8.5	7.5	**9**	**9**	3	3.5	.5	.5	0	.5	0	2.8
5	4	5	.5	3.5	8.5	**22.5**	12	5	2	7	8.5	4.5
11	9	**12**	11	5	.5	.5	0	0	.5	2.5	5	4
8	10.5	10	1.5	7.5	6.5	3.5	7.5	5	2	1	6.5	5.3
14.5	11	5.5	6	3	1	3	3.5	4	1	.5	1	6.2
11.5	9	5	2.5	.5	3	5	3	2	2	4	1.5	4.4
17	9	2	2.5	1.5	1	0	2	6.5	4.5	10	10.5	4.8
2	3	6	2	1.5	3.5	3.5	8	6	4	2.5	**12**	5.3
15	9	11	8	7	9	10	10	7	8	6	7	7.4
9	13	13	13	17.5	**18.5**	6	4	9.5	14.5	12	8	9.8
30	25	24	20	21	9	12	7	5.5	4.5	2.5	1.5	**13.2**
6	9	16	14.5	13.5	10.5	5	2.5	1	2	2	.5	7.9
18	13.5	21.5	**26**	21	16	10	8	1	.5	2.5	9	9
4	6	2	.5	3	7.5	4.5	**22**	7.5	5	2	1	5.7
7.5	7	10	5	16.5	**19.5**	14	12.5	3.5	2.5	3.5	3.5	6.7
21	17.5	10.5	11	7.5	4.5	1	2	5	5.5	5	6.5	8.1
4.5	2.5	1.5	7	7	2	1	1	1	0	2	1.5	4.1
9	14	17	18	**19**	13	5	1	1	5	2.5	4.5	6.1
5.5	17	**18**	12.5	9.5	4.5	4	4	1.5	1.5	0	0	4.7
14	12	7.5	11	**14**	8.5	4	0	.5	.5	.5	.5	4.9
11	8	10	12.5	6.5	1.5	0	0	0	2	0	.5	3.7
11.2	10.3	10.6	9.5	8.9	6.8	5.3	4.8	3.5	3.2	**3**	3.8	6.1

FREQUENCY OF THE WIND.

Day.	N.	NNW.	NW.	WNW.	W.	WSW.	SW.	SSW.	S.	SSE.	SE.	ESE.	E.	ENE.	NE.	NNE.	Calm.	Total wind velocity.	Rain-fall.
																		Kms.	*mm.*
1	1	------	1	------	------	------	------	------	------	------	1	1	1	1	2	9	7	144	------
2	5	1	------	------	------	------	------	------	------	------	------	------	------	6	3	5	4	313	------
3	------	------	------	------	------	------	------	1	1	------	2	------	1	------	3	------	16	62	1.3
4	2	1	------	------	------	------	------	------	------	------	------	------	------	1	4	12	4	220.5	------
5	3	1	1	------	------	1	1	1	2	------	------	------	1	1	3	2	7	123.5	------
6	9	------	------	------	------	2	------	1	------	------	------	------	------	------	2	4	6	165	------
7	5	------	------	------	------	2	------	2	------	1	------	------	------	4	------	4	6	123	------
8	1	------	3	2	3	1	1	------	------	3	2	------	------	------	------	------	7	105.5	------
9	3	------	1	4	2	------	------	------	1	------	------	------	------	------	3	------	10	86	------
10	------	------	1	1	1	1	1	------	------	------	------	------	------	------	5	1	13	79	24.9
11	------	------	------	------	------	------	1	------	------	1	8	1	------	------	5	------	8	66.5	------
12	------	4	1	2	1	1	------	------	------	------	------	------	1	------	1	------	13	107.5	51.5
13	2	3	3	------	------	------	------	------	------	------	1	1	------	1	2	2	9	96.5	14.5
14	2	------	------	------	------	------	------	------	------	------	------	------	------	------	7	5	10	127	4.2
15	3	3	1	1	------	2	1	------	------	------	------	------	------	1	1	4	7	150	.6
16	------	------	------	2	2	3	------	------	2	2	------	------	2	4	1	------	8	104.5	------
17	3	1	------	------	------	------	------	------	3	2	------	------	1	5	3	1	5	116	7.2
18	6	1	------	------	------	------	------	------	------	------	------	------	1	1	2	5	8	127	17.4
19	3	------	1	------	------	------	------	------	------	------	------	2	2	6	4	3	3	178	------
20	9	1	1	------	------	------	------	------	------	------	------	------	1	1	4	6	1	236	.8
21	4	1	1	------	------	------	------	------	------	------	------	------	------	6	4	8	------	**317**	------
22	6	1	------	------	------	------	------	------	1	1	------	------	------	3	1	7	4	190.5	------
23	10	2	------	------	1	1	------	------	------	------	------	------	------	------	1	3	6	216.5	------
24	7	1	------	2	1	------	1	------	------	1	------	------	1	------	------	3	7	136.5	2.5
25	3	2	1	------	------	------	------	------	3	------	------	------	2	------	------	9	4	160	------
26	3	1	4	------	------	------	------	------	------	------	------	2	1	2	4	6	1	194	------
27	2	3	3	3	------	2	------	------	------	------	1	------	1	1	2	------	6	98	------
28	9	2	------	------	------	------	------	------	------	------	------	------	------	1	2	4	6	147	------
29	1	1	1	------	------	------	1	------	------	------	------	1	2	------	3	1	13	112	------
30	1	4	1	------	3	2	------	------	------	------	2	1	------	------	1	2	7	117	------
31	------	------	------	------	3	1	1	------	------	------	------	3	1	2	1	------	12	89.5	------
Total	103	34	25	17	17	19	8	5	11	11	17	12	19	47	74	106	218	4,508.5	124.9
Mean	3.3	1.1	.8	.5	.5	.6	.3	.2	.4	.4	.5	.4	.6	1.5	2.4	3.4	7	145.4	4

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
1	759. 10	2-45p.	**30.9**	2-20p.	89	20. 1	761. 80	8-45a.	21. 4	4-25a.	59. 5	17. 3
2	60. 33	9-00a.	29. 5	2-30p.	93	19. 8	57. 90	3-45p.	22	6-15a.	62	17. 7
3	60. 05	8-30a.	27. 8	11-55a.	96	22. 6	57. 15	3-40p.	**22.8**	5-20a.	**80**	19. 6
4	**58.25**	9-15a.	29. 5	2-45p.	93	19. 7	**55.10**	3-05p.	22. 3	2-40a.	63	17. 8
5	59. 05	9-45p.	30. 5	1-55p.	91	19. 1	56. 35	2-30p.	20. 1	11-55p.	**55**	14. 6
6	59. 71	9-00a.	28. 2	0-05p.	88	16. 8	56. 94	3-25p.	**18.2**	6-20a.	56	**14.2**
7	59. 87	9-00a.	30. 1	0-50p.	90	19. 2	56. 90	2-45p.	20	5-45a.	65	15. 5
8	59. 10	9-05a.	28. 1	0-55p.	97	19. 9	55. 80	3-25p.	19	6-20a.	61	16. 1
9	58. 96	9-00a.	29. 3	1-15p.	92	20. 5	55. 94	3-00p.	20. 6	6-35a.	66	17
10	58. 85	9-10a.	29. 1	1-20p.	96	21. 7	55. 75	2-55p.	22. 3	11-55p.	73	19. 5
11	59. 30	10-15p.	27. 7	3-15p.	97	21. 9	56. 10	4-20p.	21. 7	5-05a.	**80**	19. 2
12	59. 80	10-45p.	30	2-20p.	97	22. 8	55. 95	3-05p.	21. 5	5-50a.	70	19
13	60. 30	8-25a.	29. 2	0-05p.	97	**22.9**	57. 50	3-55a.	22. 7	11-55a.	76	**20**
14	60. 60	9-45p.	28. 4	10-05a.	97	22. 3	57. 80	3-05p.	21. 6	5-15a.	75	18. 6
15	61. 55	9-45p.	30. 6	3-20p.	**99**	22. 3	58. 95	3-30p.	21. 4	6-10a.	68	18. 6
16	62. 05	9-05a.	29. 6	2-10p.	95	22. 4	58. 60	3-50p.	21. 1	6-45a.	68	16. 8
17	61. 40	8-25p.	29. 2	11-05a.	97	21. 7	58. 75	3-05p.	22	6-05a.	71	18. 6
18	61. 50	9-35p.	27. 1	9-55a.	98	21. 4	59. 05	3-00p.	21	10-55p.	**80**	17. 1
19	61. 85	9-25a.	27. 6	1-10p.	92	17. 6	58. 70	3-30p.	19. 9	3-35a.	61	**14.2**
20	60. 95	0-05a.	**24.8**	5-50p.	88	17. 5	56. 95	3-20p.	18. 5	4-35a.	73	14, 4
21	59. 85	9-15a.	28. 8	11-35a.	87. 5	17. 8	57	2-50p.	21. 3	6-40a.	58	15. 1
22	59. 90	8-50a.	28. 6	0-50p.	89	19. 3	57. 10	3-10p.	20. 3	4-10a.	60	15. 4
23	60. 48	9-00a.	29. 8	11-35a.	96	20. 1	58. 05	2-55p.	21. 7	6-35a.	68	18
24	62. 15	9-55a.	26. 4	11-55a.	91	19. 3	58. 95	2-15a.	21. 7	7-05a.	69	16. 6
25	63. 20	8-25a.	29. 8	3-05p.	94	19. 2	60. 25	2-30p.	20. 7	6-15a.	58. 5	16. 4
26	63. 50	8-50p.	29. 4	0-45p.	86	**16.7**	61. 35	2-40p.	21. 1	6-05a.	**55**	15. 2
27	65. 05	9-25p.	30	2-15p.	**84**	16. 8	**62.35**	2-35p.	20	5-45a.	56	14. 6
28	**65.45**	8-25a.	27. 9	0-25p.	90	19. 6	61. 80	3-30p.	20	6-15a.	68	15. 3
29	63. 70	9-15a.	30. 5	2-30p.	95	21. 4	60. 45	3-25p.	20. 5	5-45a.	57	17. 4
30	61. 90	0-05a.	30	3-25p.	95	21. 6	58. 15	2-30p.	20. 9	6-20a.	68	17. 8
31	60. 80	8-50a.	30. 6	2-50p.	94	21. 8	57. 45	3-20p.	21. 8	4-55a.	68	18. 3
Mean	760. 92	--------	29	--------	93	20. 2	758. 09	--------	21	--------	66. 1	17

DAILY GENERAL REMARKS.

1----Coloration of clouds at sunrise.
2----≡, somewhat gusty NEly winds in the forenoon and afternoon.
3----●° a.; d in the afternoon.
4----d° in the afternoon.
5----b
6----○ a.; slight convergence of Ci. toward NE in the afternoon.
7----≡ a.
8----○° a.
9----≡ a.; ●° in the evening.
10----≡ a.; heavy thundershowers in the afternoon.
11----≡, ⌓ a.
12----⌓°, coloration of clouds in the early morning; ⌈↘° NE at noon; ●^{2} at night.
13----d in the morning; ⌈↘ N, ● in the afternoon.
14----⌒ a. p.; d in the morning; ● p.
15----d in the early morning.
16----≡ a.
17----● p.
18----≡, slight convergence of Ci. toward SE in the morning; ● in the morning and afternoon.
19----⌣ in the evening.
20----≡ a.; ●, p in the forenoon; d in the afternoon.
21----Somewhat gusty NEly winds in the forenoon and afternoon.
22----d in the evening.
23----Somewhat gusty Nly winds in the forenoon and afternoon.
24----d, ● p.
25----⌣ in the evening
26----Gusty NE winds at noon.
27----Coloration of upper clouds at sunset.
28----d° in the morning; somewhat gusty N winds in the afternoon; coloration of clouds at sunset.
29----⌒^{2} a.
30----Somewhat gusty W winds in the afternoon.
31----≡, d in the morning.

GENERAL SUMMARY FOR 1909.

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS FOR 1909 AND COMPARISONS WITH THEIR NORMAL VALUES.

Month.	Atmospheric pressure.									
	Mean, 1909.	Normal, 1885–1909.	Departure.	Mean maximum.	Mean minimum.	Absolute maximum.	Day.	Absolute minimum.	Day.	Range.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*		*mm.*		*mm.*
January	759. 90	761. 11	—1. 21	761. 40	758. 27	763. 20	20	756. 65	28	6. 55
February	60. 66	61. 36	— . 70	62. 11	59. 02	63. 95	9, 11	57. 50	20, 24	6. 45
March	59. 73	60. 56	— . 83	61. 32	58	63. 32	27	56. 35	12, 24	6. 97
April	58. 93	59. 41	— . 48	60. 45	57. 04	62. 25	4	55. 90	30	6. 35
May	58. 11	58. 39	— . 28	59. 60	56. 30	61. 05	23	55. 25	6	5. 80
June	58. 15	57. 93	+ . 22	59. 49	56. 51	61	13	55. 35	21	5. 65
July	56. 87	57. 32	— . 45	58. 34	55. 44	60. 60	15, 16, 19	50. 05	29	10. 55
August	58. 08	57. 42	+ . 66	59. 31	56. 58	60. 60	9	55. 30	3	5. 30
September	57. 20	57. 51	— . 31	58. 66	55. 69	62. 70	27	52. 95	18	9. 75
October	57. 07	58. 58	—1. 51	58. 85	55. 01	60. 80	26	45. 70	24	15. 10
November	58. 14	59. 38	—1. 24	59. 65	56. 52	61. 95	12	49. 25	15	12. 70
December	59. 62	60. 45	— . 83	60. 92	58. 09	65. 45	28	55. 10	4	10. 35
Year	758. 54	759. 12	— . 58	760. 01	756. 87	765. 45	XII, 28	745. 70	X, 24	19. 75

Month.	Temperature in shade.									
	Mean, 1909.	Normal, 1885–1909.	Departure.	Mean maximum.	Mean minimum.	Absolute maximum.	Day.	Absolute minimum.	Day.	Range.
	°C.	°C.	°C.	°C.	°C.	°C.		°C.		°C.
January	24. 7	25	—0. 3	30. 2	20. 2	32. 9	4	18. 2	16	14. 7
February	25. 3	25. 3	0	31. 4	20. 1	34. 2	25	17. 3	1	16. 9
March	26. 1	26. 7	— . 6	32. 7	20. 5	34. 5	31	17. 7	1, 9	16. 8
April	28. 2	28. 2	0	34. 5	22. 6	36. 8	21	20. 4	12	16. 4
May	28. 2	28. 5	— . 3	34. 2	23. 5	35. 8	7	21. 9	1, 21	13. 9
June	27. 8	27. 9	— . 1	33. 1	23. 3	36. 9	7	22. 2	22, 23	14. 7
July	26. 1	27. 1	—1	30. 5	23	33. 3	2	21. 9	16	11. 4
August	27. 4	27. 1	+ . 3	32. 2	23. 6	34. 2	30	21. 4	25	12. 8
September	26. 3	26. 9	— . 6	30. 6	23. 3	33. 3	1	22. 2	29	11. 1
October	26. 9	26. 8	+ . 1	31. 2	23. 6	32. 9	13	21. 9	14	11
November	25. 8	26. 0	— . 2	30. 4	22. 8	32. 7	9	21. 4	20	11. 3
December	24. 2	25. 2	—1	29	21	30. 9	1	18. 2	6	12. 7
Year	26. 4	26. 7	— . 3	31. 7	22. 3	36. 9	VI, 7	17. 3	II, 1	19. 6

Month.	Relative humidity.									
	Mean, 1909.	Normal, 1885–1909.	Departure.	Mean maximum.	Mean minimum.	Maximum.	Day.	Minimum.	Day.	Range.
	Per cent.	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*		*Per cent.*		*Per cent.*
January	80. 8	78	+2. 8	93. 8	63. 1	97	1, 3, 4	52	22	45
February	75. 4	73. 9	+1. 5	91	55. 4	96	3, 22	42	24	54
March	71	71. 8	— . 8	89. 1	49. 5	96	28	36	8	60
April	69. 1	69. 6	— . 5	87. 9	49. 3	93	25	37	20	56
May	76. 2	76. 1	+ . 1	90. 8	57. 5	97	18	44	2	53
June	78	81	—3	91. 4	60	98	30	40	5	58
July	86. 9	84. 7	+2. 2	96	71. 8	99	20, 21	61	23	38
August	81. 5	84. 9	—3. 4	93. 6	66. 3	98	5, 6	49	25	49
September	85	85. 6	— . 6	94. 9	70. 6	99	24	59	27	40
October	83. 5	83. 6	— . 1	94. 1	69. 3	98	24, 26	60	13, 31	38
November	84. 4	82. 6	+1. 8	94. 3	68. 9	98	6	54	30	44
December	82. 1	81. 2	+ . 9	93	66. 1	99	15	55	5, 26	44
Year	79. 5	79. 4	+ . 1	92. 5	62. 3	99	VII, 20, 21 IX, 24 XII, 15	36	III, 8	63

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS, ETC.—Continued.

Month.	Vapor pressure.									
	Mean, 1909.	Normal, 1885–1909.	Departure.	Mean maximum.	Mean minimum.	Maximum.	Day.	Minimum.	Day.	Range.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*		*mm.*		*mm.*
January	18.5	18.2	+0.3	20.5	16.8	23	21	13.9	17	9.1
February	17.8	17.6	+ .2	19.6	16.3	23.8	21	14	7	9.8
March	17.5	18.3	— .8	19.7	15.6	22.9	23	13.1	9	9.8
April	19.2	19.5	— .3	21.3	17.6	23.9	23	15	26	8.9
May	21.3	21.8	— .5	23.1	19.6	25.1	26	15.2	2	9.9
June	21.3	22.4	—1.1	23	19.5	24.9	10	16.2	4	8.7
July	21.7	22.4	— .7	23.3	20.2	25.9	31	18.5	2	7.4
August	22	22.5	— .5	23.7	20.5	25.5	4	17.8	25	7.7
September	21.6	22.5	— .9	23.1	20.2	24.2	2	19.2	28	5
October	21.9	21.8	+ .1	23.5	20.2	24.8	21	18.1	13	6.7
November	20.7	20.5	+ .2	22.4	19.2	24.7	24	17	27	7.7
December	18.4	19.2	— .8	20.2	17	22.9	13	14.2	6, 19	8.7
Year	20.2	20.6	—0.4	22	18.6	25.9	VII, 31	13.1	III, 9	12.8

Month.	Relative frequency of the wind from—											
	NNE-E.			ESE-S.			SSW-W.			WNW-N.		
	Mean, 1909.	Normal, 1885–1909	Departure.	Mean, 1909.	Normal, 1885–1909	Departure.	Mean, 1909.	Normal, 1885–1909	Departure.	Mean, 1909.	Normal, 1885–1909	Departure.
January	6	8.2	—2.2	5	3.4	+1.6	3	3.5	—0.5	3	3.9	—0.9
February	7	7.8	— .8	5	4.9	+ .1	2	3.8	—1.8	2	2.8	— .8
March	8	7.2	+ .8	6	7.2	—1.2	2	3.5	—1.5	2	2	0
April	4	5.9	—1.9	8	8.2	— .2	5	3.9	+1.1	2	1.7	+ .3
May	4	5	—1	4	5.5	—1.5	4	6.2	—2.2	4	2.4	+1.6
June	4	4.4	— .4	6	4.8	+1.2	5	7.8	—2.8	3	2.4	+ .6
July	3	3.2	— .2	4	3.8	+ .2	7	10.1	—3.1	3	2.5	+ .5
August	3	2.8	+ .2	1	3	—2	11	11.4	— .4	4	2.4	+1.6
September	3	3.4	— .4	4	3.6	+ .4	10	9.7	+ .3	2	2.5	— .5
October	4	5.8	—1.8	4	3.2	+ .8	7	5.6	+1.4	4	3.3	+ .7
November	7	7.8	— .8	5	2.6	+2.4	2	3.3	—1.3	4	4.5	— .5
December	8	8.4	— .4	2	2.2	— .2	2	2.7	— .7	6	4.8	+1.2
Year	5.1	5.8	—0.7	4.5	4.4	+0.1	5	6	—1	3.2	2.9	+0.3

Month.	Velocity of the wind.									
	Mean, 1909.	Normal, 1885–1909.	Departure.	Daily maximum.	Day.	Daily minimum.	Day.	Range.	Hourly maximum.	Day and hour.
	Km.	*Km.*	*Km.*	*Km.*		*Km.*		*Km.*	*Km.*	
January	148.7	169.2	—20.5	240	28	80	5	160	25	28, 10–11p.
February	172.8	192.8	—20	299.5	13	76	21	223.5	33.5	7, 3–4p.
March	200.8	227.8	—27	372	22	75.5	18	296.5	36.5	21, 2–3p.
April	208	238.9	—30.9	350	7	117	29	233	31	6, 4–5p.
May	174.2	230.3	—56.1	257	27	116.5	11	140.5	31.5	27, 4–5p.
June	203.8	235.7	—31.9	428	19	102	25	326	39.5	19, 4–5p.
July	224.9	273.6	—48.7	899	29	81.5	17	817.5	51	29, 10–11a.
August	246.3	285.8	—39.5	461	10	102.5	31	358.5	34.5	5, 5–6p.
September	269.2	269.3	— .2	1,021	18	67.5	5	953.5	62	18, 10–11a.
October	266.7	183.3	+83.6	918.5	17	91.5	21	827	70	24, 1–2a.
November	179.2	163.6	+15.6	522.5	7	33.5	3	489	36	15, 11–12a.
December	145.4	156.2	—10.8	317	21	62	3	255	30	21, 12–1p.
Year	203.3	218.9	—15.5	1,021	IX, 18	62	XII, 3	959	70	X, 24, 1–2a.

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS, ETC.—Continued.

Month.	Duration of sunshine.											Amount of clouds.		
	Mean, 1909.		Total, 1909.		Normal, 1890–1909.		Departure.		Maximum.		Day.	Mean, 1909.	Normal, 1885–1909.	Departure.
	h.	*m.*	*h.*	*m.*	*h.*	*m.*	*h.*	*m.*	*h.*	*m.*		*0–10.*	*0–10.*	*0–10.*
January	6	02	186	50	193	01	— 6	11	9	40	12, 28	6.5	5.2	+1.3
February	6	41	187	10	204	25	—17	15	10	25	26, 28	6.5	4.7	+1.8
March	7	12			243	26						5.8	4.3	+1.5
April	9	19	279	30	268	06	+11	24	11	10	27	3.8	3.9	— .1
May	7	05	219	40	233	59	—14	19	11	10	21	6.5	5.6	+ .9
June	4	51	145	20	173	55	—28	35	10	20	7	7.4	6.9	+ .5
July	2	40	82	40	152	52	—70	12	7	20	2	8.8	7.7	+1.1
August	7	16	225	15	143	59	+81	16	11	15	24	6.4	7.8	—1.4
September	3	18	99	15	140	38	—41	23	9	20	14	8.4	7.7	+ .7
October	5	12	161	00	172	21	—11	21	10	00	13	7.2	6.6	+ .6
November	4	34	136	50	160	55	—24	05	9	30	24	7.1	6.3	+ .8
December	3	29	108	10	161	00	—52	50	8	35	15	7.7	6	+1.7
Year	5	38			2,248	37						6.8	6.1	+ .8

Month.	Rainfall.									
	Total, 1909.	Normal, 1865–1909.	Departure.	Daily maximum.	Day.	Hourly maximum.	Day and hour.	Rainy days, 1909.	Normal, 1865–1909	Departure.
	mm.	*mm.*	*mm.*	*mm.*		*mm.*				
January	46.8	28	+ 18.8	27.5	21	14	21, 3–4p.	9	5	+ 4
February	14.1	10.5	+ 3.6	6.2	21	4.8	21, 2–3p.	4	3	+ 1
March	59.3	19.1	+ 40.2	19.8	18	17.8	18, 2–3p.	9	3	+ 6
April	35.4	29.8	+ 5.6	31.5	22	22.4	22, 11–12p.	4	4	0
May	98	110.4	— 12.4	58	10	47	10, 1–2p.	12	10	+ 2
June	165.7	243	— 77.3	49.6	18	43.2	18, 4–5a.	11	16	— 5
July	561.8	393.1	+168.7	88.7	27	39.4	20, 7–8p.	27	21	+ 6
August	71.1	353.1	—282	24	6	10.4	4, 2–3a.	14	21	— 7
September	358.3	363.2	— 4.9	57.6	18	16.2	10, 11–12p.	21	20	+ 1
October	165	191.7	— 26.7	53.6	24	19.3	24, 7–8a.	18	16	+ 2
November	136.3	131.7	+ 4.6	32.2	7	10.9	17, 5–6p.	19	12	+ 7
December	124.9	61.4	+ 63.5	51.5	12	26.9	12, 6–7p.	10	9	+ 1
Year	1,836.7	1,935.0	— 98.3	88.7	VII,27	47	V, 10, 1–2p.	158	140	+18

○

UNIV. OF MICHIGAN
AUG 8 1913

DEPARTMENT OF THE INTERIOR
WEATHER BUREAU

ANNUAL REPORT

OF THE

DIRECTOR OF THE WEATHER BUREAU

FOR THE YEAR 1909

PART III

METEOROLOGICAL OBSERVATIONS MADE AT THE SECONDARY STATIONS
DURING THE CALENDAR YEAR 1909

MANILA
BUREAU OF PRINTING
1913

114044

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PART III.

METEOROLOGICAL OBSERVATIONS MADE AT THE SECONDARY STATIONS DURING THE CALENDAR YEAR 1909.

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR, WEATHER BUREAU,
Manila, September 26, 1912.

SIR: I have the honor to submit the Annual Report for 1909, Part III, containing meteorological observations of the secondary stations during 1909.

MIGUEL SADERRA MASÓ, *Acting Director.*

Hon. DEAN C. WORCESTER,
Secretary of the Interior, Manila, P. I.

INTRODUCTION.

In this volume (Part III) of the report of the Director of the Weather Bureau for 1909 we publish the meteorological observations made in the various stations which at present constitute the meteorological service of the Philippines, a service established by Act No. 131 of the Philippine Commission May 22, 1901.

In Part II of the report for 1902, pages 52 to 60, will be found a detailed account of the establishment and organization of these branch stations and a list of the instruments with which they are equipped, according to their class.

The reports of the various observers are carefully collated and examined at the Central Observatory, but it is evident that the Directors can not assume the full responsibility for the accuracy of these observations. As every meteorologist knows, in observations of this kind much must be left to the conscientious care of the observer. Hence, while we take this opportunity to express our confidence in our observers, we think it proper to subjoin the following list, which gives some particulars about the stations and also the names of the observers who are primarily responsible for the accuracy of the observations published in this volume (Part III) of the Annual Report of the Weather Bureau.

SECONDARY STATIONS AND OBSERVERS OF THE WEATHER BUREAU.

Town.	Province.	Island.	North latitude.		East longitude.		Observer.	Class.
			°	′	°	′		
Jolo	Moro	Mindanao	6	03	121	00	Roman Kabigtin	III
Zamboanga	do	do	6	54	122	05	Leandro Albano	III
Davao	do	do	7	01	125	35	Lamberto Garcia	III
Cotabato	do	do	7	13	124	15	Manuel Galicia	III
Cagayan	Misamis	do	8	29	124	38	Emiliano San Juan	III
Butuan	Agusan	do	8	56	125	32	Generoso Copin	III
Tagbilaran	Bohol	Bohol	9	38	123	51	Fernando Rocha	II
Surigao	Surigao	Mindanao	9	48	125	29	Leoncio G. Santos	II
Maasin	Leyte	Leyte	10	08	124	50	Aguedo Espina	III
Cebu	Cebu	Cebu	10	18	123	54	Domingo de los Angeles	I
Iloilo	Iloilo	Panay	10	42	122	34	Jose Ma. Sison Ricardo A. Luna	I
San Jose Buenavista	Antique	do	10	44	121	55	Benito Pelaez	III
Ormoc	Leyte	Leyte	11	00	124	36	Ricardo A. Luna Pedro Baltazar	I
Tacloban	do	do	11	15	125	00	Perfecto Paulino	II
Capiz	Capiz	Panay	11	35	122	45	Jose E. de Leon	II
Borongan	Samar	Samar	11	37	125	26	Cesareo Montes	IV
Calbayog	do	do	12	04	122	36	Pio Santos Segundo Peñaflorida	II
Masbate	Sorsogon	Masbate	12	22	123	36	H. L. Heath	IV
Romblon	Capiz	Romblon	12	35	123	16	Dominador Calvo	III
Laoang	Samar	Samar	12	35	125	01	Manuel Oria Gonzales	III
Gubat	Sorsogon	Luzon	12	55	124	08	Antonio Rocha Faustino Calleja	III
Legaspi	Albay	do	13	09	123	45	Bernardino Costa	I
Sumay	Ladrone Islands	Guam	13	24	144	38	Herbert Taylor	III
Calapan	Mindoro	Mindoro	13	25	121	11	Aquilino Nokom	III
Virac	Albay	Catanduanes	13	35	124	14	Juan Lugod	III

SECONDARY STATIONS AND OBSERVERS OF THE WEATHER BUREAU—Continued.

Town.	Province.	Island.	North latitude.		East longitude.		Observer.	Class.
			°	'	°	'		
Nueva Caceres	Ambos Camarines	Luzon	13	37	123	11	Eduardo Ontengko	III
Batangas	Batangas	do	13	45	121	03	Enrico Cabral	III
Atimonan	Tayabas	do	14	00	121	55	Leon G. Guinto	I
Olongapo	Zambales	do	14	49	120	16	Gregorio Yuse	II
San Isidro	Nueva Ecija	do	15	22	120	53	Bernardo Pecache	II
Tarlac	Tarlac	do	15	30	120	35	Atanasio Caliolio	III
Dagupan	Pangasinan	do	16	03	120	20	Domingo Torres	I
Bolinao	do	do	16	24	119	53	Exequiel Reinoso	II
Baguio	Mountain	do	16	25	120	36	Gregorio Galvan Jose Ma. Sison	III I
San Fernando	Union	do	16	37	120	19	Francisco Burgos	III
Echagüe	Isabela	do	16	41	121	39	Godofredo Resurreccion	III
Candon	Ilocos Sur	do	17	12	120	26	Luis Quismorio	IV
Vigan	do	do	17	34	120	23	Pastor Daroy	II
Tuguegarao	Cagayan	do	17	36	121	40	Jose C. de Leon	II
Laoag	Ilocos Norte	do	18	12	120	35	Jose Saez	III
Aparri	Cagayan	do	18	22	121	38	Manuel Delgado	I
Santo Domingo	Batanes	Batan	20	28	121	59	Claudio Castillejos	III

REMARKS.

The hours of observation at the first and second class stations are 2 a. m., 6 a. m., 10 a. m., 2 p. m., 6 p. m., 10 p. m.; at the third and fourth class stations, 6 a. m. and 2 p. m. The time used is that of the one hundred and twentieth meridian east of Greenwich.

The barometer readings are reduced to sea level and 0°C., but no correction has been applied to eliminate the effect of gravity depending on the latitude of the place of observation.

INTERNATIONAL SYMBOLS FOR CLOUD FORMS.

Ci. =Cirrus.
Ci.-S. =Cirro-stratus.
Ci.-Cu. =Cirro-cumulus.
A.-Cu. =Alto-cumulus.
A.-S. =Alto-stratus.
S.-Cu. =Strato-cumulus.
N. =Nimbus.
Cu. =Cumulus.
Cu.-N. =Cumulo-Nimbus.
S. =Stratus.
Fr.-Cu. =Fracto-cumulus.
Fr.-N. =Fracto-nimbus.
Fr.-S. =Fracto-stratus.
S.-cf. =Stratus-cumuliformis.
N.-cf. =Nimbus-cumuliformis.
M.-Cu. =Mammato-cumulus.

METEOROLOGICAL OBSERVATIONS MADE AT FIRST AND SECOND CLASS STATIONS DURING THE CALENDAR YEAR 1909.

TAGBILARAN.

[φ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.8 meters; gravity correction not applied, —1.86 mm.]

JANUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.51	57.94	58.17	55.65	56.57	58.14	25.1	24.5	27.3	30.8	27.7	26.1	31.8	23.7	86	87	78	68	74	86	------
2	57.80	58.17	58.90	55.98	56.49	57.63	25.2	24.5	27.5	27.2	26.8	25.5	30.5	23.3	85	86	84	81	86	88	4.8
3	57.04	57.64	58.47	56.62	57.13	58.16	21.7	23.8	27.2	28.5	26.6	25.5	30.2	23	89	91	78	75	86	86	------
4	57.23	57.65	58.20	56.20	56.84	58.21	25.1	24.5	27.5	26.3	26.6	25.9	31.6	23.6	86	86	77	82	87	85	8.9
5	57.06	57.30	57.50	55.74	56.43	57.63	25.3	24.5	27.2	28	26.8	25.5	30.1	23.2	84	86	75	74	82	81	------
6	56.80	57.30	58.03	56.04	56.87	57.59	25	24.5	26.5	26.6	26	25.9	29	23.7	84	87	88	86	92	88	13
7	57	57.11	58.15	56.69	57.73	58.15	25.5	25	27	28	26.5	26	30.2	23.5	88	88	80	79	88	84	1
8	57.98	58.35	59.40	56.93	57.88	59.09	24.7	24.1	26.4	29.2	27.4	26	30	23	87	88	80	74	81	88	------
9	58.57	59.12	59.99	57.91	58.83	59.94	24.8	24	27	29.8	27.5	25.5	30.8	22.5	87	85	74	69	78	83	------
10	59.18	59.70	60.61	58.08	58.18	59.44	24.9	24.2	26.5	28.2	26.7	25	29.8	22.5	83	84	78	72	82	80	------
11	58.90	59.27	59.75	57.92	58.74	59.56	24.8	24.2	27	28.1	27.1	25.3	31.4	22.4	80	82	75	73	68	81	------
12	58.47	59.03	59.57	57.10	57.56	58.59	23.6	22.5	27.2	30	26.8	24.6	31.5	21	86	86	68	65	77	82	------
13	58.10	58.42	58.60	56.53	57.27	58.51	23.6	23	27	28.4	27.2	25.7	30.7	21.5	86	88	68	71	75	75	.8
14	58.17	58.77	59.78	57.93	58.78	59.88	24	23	27.5	28.5	27.2	25.5	31.7	21.3	85	84	70	68	72	80	.5
15	59.75	60.10	60.85	59.01	59.41	60.86	24.4	23.6	26.6	26	25.3	24.5	28.5	21.7	83	84	75	76	85	86	1.4
16	60.20	60.20	61.04	59.03	59.45	60.54	23.5	22.5	26.4	27.8	26	23.6	29.8	21.4	85	85	66	64	71	81	------
17	59.52	59.88	60.31	57.75	58.23	59.05	21.7	20.8	26	27.4	25.8	25	30.8	19.6	83	83	69	66	78	76	------
18	58.41	58.73	59.95	57.82	58.63	60.11	24.2	23	27.3	28.6	27.4	26.2	31.5	22.3	80	90	75	68	76	79	------
19	59.27	59.57	60.91	58.97	59.72	60.75	24.4	23.5	28.2	29	27.5	26.1	31.4	22.7	87	90	72	64	78	79	1.5
20	60.28	60.81	61.07	58.51	58.97	60.84	25	24.2	26.8	28.7	26.5	25.5	31.5	23	88	90	78	76	80	83	2.3
21	59.53	59.65	61.28	59.13	59.09	60.19	25.2	24.5	24.5	25.9	25.3	24.4	29	22.8	87	87	91	82	87	84	2.3
22	59.60	59.60	60.29	57.56	58.03	59.50	24	23.5	28.6	29.8	27.3	25.8	30.8	22.3	86	85	70	69	75	79	------
23	58.95	59.03	60.09	58.28	59.46	60.36	25.3	25	27	28.5	25	24.4	30.1	22.7	83	89	74	68	83	90	6.4
24	59.57	59.20	59.65	57.06	57.67	59.11	23.8	23.2	27.5	29	27.2	26.2	30.5	22.5	91	91	73	71	65	77	.5
25	58.40	58.57	59.56	57.99	58.12	59.78	25.4	24.4	28	28	27.4	25.5	31.5	23.4	84	87	70	79	78	96	.3
26	58.99	59.42	59.95	58.26	58.23	59.73	24.7	24	27.5	29	26.8	25	31	22.3	84	83	65	69	80	83	------
27	58.80	58.92	59.35	57.73	58.03	59.11	24.2	23.5	27.8	28.5	27.8	26	30.6	21.8	83	82	68	71	76	82	.8
28	58.10	58.32	58.96	56.58	56.65	57.93	24.2	23.5	28	27.8	25.5	25.5	30.8	22.6	90	89	76	77	83	80	------
29	57.41	57.22	58.23	56.23	56.48	58.33	25	24.3	27.9	26.8	26	24.6	30.7	23	85	90	77	78	88	86	2.8
30	57.50	57.76	58.58	56.80	57.30	58.63	24.5	24	26.5	26.5	25.8	24.8	28.7	22.7	84	85	76	75	81	89	.8
31	57.70	57.85	59.05	56.98	58	59.05	24.6	24.3	27.6	28.2	26.8	24.7	30	22.4	82	78	71	66	72	74	------
Mean	58.43	58.73	59.49	57.39	57.96	59.17	24.5	23.8	27.1	28.2	26.7	25.3	30.5	22.5	85.2	86.3	74.8	72.8	79.5	82.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	48.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	1	NNE	1	NNE	3	NNW	2	NNE	0	N	2	10	------	S.-Cu. NE	9	A.-Cu.	Cu.-N. NE
2	N	0	NNE	1	WNW	2	ESE	1	NNE	0	SSE	1	8	Ci.-S.	S.-Cu. NE	10	------	N. E
3	NNE	1	SSE	0	NNE	2	SE	2	NNE	0	NNW	2	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	Cu.-N. E
4	N	1	NNE	2	NW	2	SE	2	NNE	0	N	1	8	A.-Cu.	S.-Cu. ENE	10	------	N. E
5	NNE	1	NNE	1	NNE	2	SE	5	NNE	1	N	0	9	Ci.-S.	N. E	9	------	N. NE
6	N	1	NNE	1	NNE	2	SSE	2	NNE	0	N	1	9	------	S.-Cu. E	8	------	N. E
7	NNE	1	NNE	1	NNE	1	NNW	2	NNE	0	N	2	9	A.-Cu. E	S.-Cu. E	9	A.-S.	Cu.-N. NE
8	NNE	1	NNE	1	NNE	2	W	3	NNE	1	NNE	2	8	A.-S.	S.-Cu. E	7	------	Cu.-N. E
9	NNE	1	NNE	2	NE	3	SE	3	NNE	1	N	1	9	Ci.-S.	------	5	Ci.-S.	Cu. NE
10	NNE	1	NNE	1	NNE	3	NE	3	NNE	1	N	2	10	Ci.-S.	S.-Cu. E	10	------	Cu.-N. E
11	NNE	1	NNE	2	NNE	2	SE	4	NW	1	N	2	1	Ci.-S.	------	4	------	Cu. NE
12	NNE	1	NNE	1	NNE	2	SE	3	SSW	1	N	2	1	Ci.-S.	------	5	------	Cu.-N. E
13	NNE	1	NNE	3	SE	3	SE	3	SE	2	N	2	3	Ci.-S.	Cu.	7	------	Cu.-N. NE
14	NNE	1	NNE	1	NNE	2	SE	5	NNE	1	NNE	2	8	------	S.-Cu. E	8	Ci.-S.	Cu. NE
15	W	2	NNE	2	NNE	1	SE	4	NNE	1	NNE	2	9	Ci.-S.	N. E	10	A.-S.	N. E
16	NNE	1	NNE	1	NNE	3	NNE	2	NNE	2	N	1	9	Ci.-S.	S.-Cu. NNE	8	Ci.-S.	Cu.-N. NE
17	N	1	NNE	1	NNE	2	SE	2	ENE	1	N	2	3	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. NE
18	NNE	1	NNE	1	NW	2	SE	3	SE	1	N	2	3	------	Cu.	6	------	Cu. NE
19	N	0	NNE	2	SE	2	SE	2	NNE	0	NE	1	4	------	Cu.	8	------	Cu.-N. NE
20	N	1	NNE	2	NNE	2	SE	4	NNE	2	NNW	1	10	------	N. E	9	------	N. E
21	NNE	1	NNE	1	NNE	4	NNE	2	NNE	1	N	2	6	------	S.-Cu. E	10	------	N. E
22	NNE	1	NNE	2	SE	2	NNE	2	NNE	2	SSE	1	3	Ci.-S.	------	8	------	Cu.-N. NE
23	N	0	NNE	1	NW	2	NNE	2	NNE	0	N	1	10	------	N. E	9	------	Cu.-N. NE
24	N	1	NNE	1	NNE	2	SE	5	NNE	2	N	2	7	------	N. NE	8	------	Cu.-N. NE
25	NW	1	NNE	1	SE	2	SSW	2	NNE	1	SW	1	9	Ci.-S. E	------	10	------	Cu.-N. NE
26	NNE	1	NNE	1	WNW	3	SE	2	NW	1	N	1	10	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu.-N. NE
27	NNE	1	NNE	1	NNE	2	WNW	2	NNE	1	N	2	3	Ci.-S.	Cu.	8	------	Cu.-N. E
28	N	1	NNE	2	SE	2	NNE	3	ENE	2	N	2	10	Ci.-S.	S.-Cu. E	9	------	Cu.-N. E
29	N	1	NNE	2	N	2	SE	2	E	1	NW	1	10	------	S.-Cu. NE	10	------	N. NE
30	N	1	NNE	1	NE	2	NNE	1	NNE	1	N	1	10	------	N. NE	10	------	Cu.-N. NE
31	N	1	NNE	1	NNE	2	ENE	2	NE	1	NW	0	7	Ci.-S.	S.-Cu. NE	9	------	Cu.-N. NE
Mean	------	0.9	------	1.3	------	2.2	------	2.6	------	0.9	------	1.5	7.3	------	------	8.3		------

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.8 meters; gravity correction not applied, —1.86 mm.]

FEBRUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6. a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.95	58.61	59.76	57.24	57.89	59.17	23.1	22.5	26.8	28	27.2	23.5	30.5	20.4	77	77	61	62	68	79	------
2	58.75	58.88	60.01	57.56	58.32	59.51	22.8	22	26.8	30.7	27	26.1	31.5	20.5	79	81	67	59	80	76	------
3	57.75	57.70	58.74	56.91	57.78	58.45	25	24.3	27.9	28.9	27.5	26.5	30.5	23.1	79	82	71	76	81	82	0.6
4	58.18	58.54	59.77	58.03	58.88	60.41	25.3	24.5	28.2	29.5	27	25.4	31.5	23.6	84	87	70	64	70	75	------
5	59.82	60.61	61.31	59.32	59.91	60.92	23.4	22.5	27.8	29.3	27.9	25.9	30.8	20.6	80	80	61	56	67	73	.3
6	60.21	60.61	60.87	58.89	60.32	60.83	24.8	23.6	28.4	32	28	25.2	32.1	22	82	85	64	43	57	69	.8
7	60.54	60.80	61.49	59.61	60.48	61.44	25	24.7	26.5	28.7	27.1	26	29.9	22.5	82	82	79	51	61	69	4.8
8	60.93	61.47	61.97	60.05	61.11	61.62	25	24.1	24.8	26.8	25.2	24.9	27.8	22.5	80	79	85	77	78	79	2.4
9	61.05	61.59	61.88	59.78	61.14	61.68	23.7	23	27.8	28.3	27	25	30	21.3	84	87	65	68	75	76	------
10	61.22	61.64	61.81	59.53	60.43	61.40	23.6	22.8	28.5	27.5	26.7	24.8	31	21.5	81	81	63	70	75	81	.4
11	60.37	60.94	61.28	58.68	59.76	60.81	24.4	23.9	27.5	28.8	27.2	25.9	30.2	22.5	82	81	66	65	79	83	1
12	60.09	60.44	60.84	58.57	59.79	61.01	25	24.2	26.4	29	27	25.3	30	22.9	84	86	77	59	70	83	1
13	59.84	60	60.50	58.33	59.04	60.21	24.9	24.3	27.8	28.8	27.5	26	30	22.6	83	85	71	68	75	76	.3
14	59.07	59.71	60.05	58.18	58.57	59.93	24.8	23.5	28	26.5	26	24.6	30.7	22	80	83	71	80	85	85	1.1
15	58.82	59	59.90	58.11	58.90	59.93	24	23.7	26.8	25.8	26	25.5	29.1	22	85	84	81	89	76	81	14.9
16	58.75	58.97	59.62	57.78	58.83	60.13	24.2	23.4	27.5	28	25	25.2	31.1	22.4	86	88	77	77	92	85	9.9
17	58.74	58.67	59.50	57.08	57.98	59.86	24.4	23.9	27.3	28.2	27.3	26.5	30	22.5	87	88	82	80	75	78	1.2
18	58.53	58.89	59.53	57.57	57.59	58.93	25	24.2	27.8	28.2	27.3	26.3	30	22.7	83	86	73	78	79	80	------
19	58.31	58.60	59.78	57.81	58.11	59.68	25.4	24.8	27.7	30.5	29	26	31.7	23	82	84	78	65	78	80	------
20	59.20	59.23	60.27	57.97	58.21	59.20	25.2	24.6	27.6	28.5	27	26.6	30	23	83	85	74	75	86	83	1.3
21	58.88	59.25	59.05	57.33	57.43	59.30	26	24.4	27.5	27.5	27.8	26.4	31.1	23.3	80	87	77	82	80	84	8.9
22	58.80	59.03	59.85	57.38	58.27	59.47	25.6	24.7	27.5	27.8	27.5	25.9	30.5	23.5	85	86	76	76	69	78	1.3
23	58.84	59.05	59.53	57.44	57.97	59.42	24.8	24.1	28.3	29	27.7	26.5	30.3	23	80	86	72	74	83	80	.5
24	58.54	58.61	59.29	57.21	58.01	59.28	24.9	24.2	27.6	29.5	28.4	25.4	31	22.7	83	82	76	71	66	79	------
25	58.32	58.90	60.06	57.84	58.17	59.81	24	23.4	26.8	28.5	27.9	26.1	32.1	22	83	84	74	70	73	76	------
26	59.22	59.43	60.29	58.18	58.19	60.13	24	23.2	27.5	30.7	28	26.3	32.2	20.7	77	81	72	63	67	68	------
27	58.91	59.31	59.88	57.80	57.96	59.01	24.4	23.9	29	29.5	28.5	26.1	32	22.4	78	79	58	61	57	63	------
28	58.29	58.71	59.55	57.63	57.47	58.90	23.8	22.6	28	27.5	27.2	25.8	29.8	21.3	77	82	67	75	78	75	------
Mean	59.21	59.54	60.23	58.14	58.80	60.02	24.5	23.8	27.5	28.6	27.2	25.7	30.6	22.2	81.6	83.5	71.7	69.1	74.3	77.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	50.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	NNE	1	NNE	3	SE	3	NNE	1	NE	1	5	Ci.-S.	Cu. NNE	8	Ci.-S.	Cu.-N. NE
2	NNE	1	NNE	1	NNW	3	SE	2	NNE	1	NNE	2	7	Ci.-S.	------	10	Ci.-S.	Cu.-N. E
3	N	1	NNE	2	ENE	2	NE	2	NW	2	N	2	10	------	N. E	10	------	Cu.-N. E
4	NNW	0	NNE	1	ENE	3	SE	2	ENE	2	N	2	9	Ci.-S.	Cu. E	9	Ci.-S.	Cu. NE
5	N	1	NNE	2	NE	3	NNW	3	NNW	1	NNE	2	6	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu. E
6	NW	1	NNE	1	ENE	5	NE	5	NE	1	NNE	2	5	A.-Cu.	Fr.-N. E	7	------	Cu. E
7	NW	1	NNE	1	NE	2	NNE	3	NNE	2	NNE	0	10	------	N. E	8	Ci.-S.	Cu. NE
8	N	1	NNE	2	NNE	1	SE	2	NNE	2	N	2	10	------	N. E	10	------	N. E
9	NNE	1	S	0	NNE	2	SE	2	SE	1	SE	1	9	Ci.-S.	Cu. NE	8	Ci.-S.	Cu. NE
10	N	0	NNE	1	NNE	2	SE	2	NNE	1	SE	0	2	Ci.-S.	Cu. ENE	10	------	N. NE
11	N	1	NNE	1	NNE	2	NNE	2	SE	1	N	1	8	------	S.-Cu. NE	8	Ci.-S.	Cu.-N. NE
12	NNE	1	NNE	1	NNE	3	NNE	5	NNE	1	N	1	10	------	N. NE	10	A.-Cu.	Cu.-N. NE
13	N	1	NNE	1	NNE	3	SE	3	ESE	1	N	2	7	------	S.-Cu. NE	8	Ci.-S.	Cu.-N. NE
14	N	1	NNE	2	NW	2	NNE	2	NW	1	N	1	2	------	Cu.	10	------	N. E
15	WNW	0	NNE	1	SE	2	WSW	2	NNE	2	NW	1	6	A.-Cu.	S.-Cu. E	10	------	N. E
16	N	1	NNE	1	W	3	NW	2	NW	2	NW	1	4	------	S.-Cu. E	10	------	N. E
17	NW	1	NNE	2	NNE	2	NW	3	NNE	1	NW	2	10	------	N. E	8	Ci.-S.	Cu. E
18	NW	1	NNW	1	NNE	2	WNW	3	E	1	NE	2	8	------	S.-Cu. E	9	Ci.-S.	Cu.-N. E
19	N	1	NNE	3	SE	3	WSW	3	NW	1	N	2	5	Ci.-S.	Cu. NE	5	Ci..S.	Cu.-N. E
20	N	1	NNE	0	SE	2	WNW	2	ENE	1	N	1	8	Ci.-S.	S.-Cu. E	10	------	Cu.-N. E
21	NNW	1	NNE	1	SE	2	SE	1	NNE	1	N	1	9	Ci.-S.	Cu.	10	------	N. NE
22	N	0	NNE	1	SE	3	SE	3	NNE	2	N	1	6	Ci.-S.	------	8	Ci._S.	Cu. E
23	N	1	Calm	---	SE	4	SE	2	NE	1	N	2	4	Ci.-S.	S.-Cu. E	10	------	N. E
24	N	1	NNE	1	SE	2	W	4	ENE	1	NW	0	8	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu.-N. E
25	N	1	NNE	2	NNE	2	WNW	4	NNE	1	NNW	3	6	------	S.-Cu. E	9	------	Cu.-N. E
26	NNW	0	NNE	2	NNE	2	SE	3	N	2	NW	2	6	A.-Cu. E	S.-Cu. E	7	Ci.-S.	Cu. E
27	NW	1	NNE	1	NNE	4	SE	5	NNE	1	N	2	10	------	S.-Cu. E	5	Ci.-S.	Cu. E
28	NE	1	NNE	1	NNE	2	SE	4	SE	1	NW	2	7	Ci.-S.	S.-Cu.	10	------	N. E
Mean	------	0.8	------	1.2	------	2.5	------	2.8	------	1.3	------	1.5	7	------	------	8.7	------	------

TAGBILARAN.

[ϕ=9° 38′ N ; λ=123° 51′ E ; barometer above sea, 21.8 meters ; gravity correction not applied, —1.86 mm.]

MARCH, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.12	58.55	59.37	57.26	56.95	58.69	24.4	23.5	29	29.6	28.8	25.9	32.6	21.5	79	79	59	66	63	68	------
2	58.53	58.51	59.93	57.61	57.94	59.39	25.2	24.8	27.8	29.2	28.4	26	30.5	22.5	76	78	71	70	70	78	------
3	58.07	58.97	59.88	57.77	57.66	59.24	24.4	23.2	29	30.3	28.3	25.5	32.5	21.8	80	81	61	46	56	76	------
4	58.20	58.96	59.71	57.36	57.31	59.78	24.1	23.5	29	31.5	28.8	26	32.5	22.3	82	79	61	57	71	81	0.6
5	59.14	59.37	60.26	57.97	58.14	59.77	24.6	23.2	29.5	29.8	28.3	25.9	31.2	21.8	85	87	61	67	62	69	------
6	59.09	59.66	61.43	58.81	58.33	59.68	25.9	25.5	27	28	28.9	26	30.7	23.5	70	76	78	74	67	76	8.9
7	58.75	59.40	60.23	57.81	57.96	59.18	24.3	23.5	27.9	30.4	29.4	27.2	32.6	21.7	82	81	70	70	67	68	------
8	58.51	58.62	59.44	57.01	56.81	58.14	25	23.9	28.5	29.2	28.2	26	31	22.2	79	80	62	66	74	74	------
9	57.50	58.57	59.12	56.96	56.90	58.15	24	22.8	29.6	31.3	28.7	26.5	32.1	21.5	81	81	57	56	64	71	------
10	57.49	57.91	58.56	56.76	56.68	58	25.7	25	29.5	30.5	29.2	26.5	32	22.8	75	78	58	65	68	68	------
11	57.34	57.44	58.53	56.45	56.12	57.67	24.8	23.8	29.3	29.4	27.7	26.3	31.4	22.1	77	81	56	60	68	73	.2
12	56.95	57.26	58.12	56.36	56.58	57.98	24.8	23.7	28.5	25.5	26.3	26.3	30	22.2	80	85	67	88	82	79	8.7
13	57.41	58	58.90	56.93	57.53	59.41	24	22.9	27	28.3	27.8	25.6	31.3	21.5	86	88	71	64	69	75	------
14	58.35	58.92	59.89	58.03	58.38	59.37	24.1	23.2	28.2	28.3	27	26.2	30.8	22.3	84	86	68	71	79	82	.2
15	58.88	59.08	60.03	58.04	58.50	59.68	25.2	24.5	28.7	26.8	26	25.5	30.5	23.4	87	87	69	74	86	83	3.3
16	58.88	58.74	59.82	58	58.30	59.59	24.8	24.1	26.5	26.2	26	24.4	28.7	23	85	86	82	85	85	90	6.1
17	58.32	58.66	59.43	56.96	57.22	58.89	24.2	23.5	27.7	29.1	27.7	26	31.7	22.4	86	87	81	70	76	80	.4
18	57.83	58.41	59.08	56.81	57.26	59.03	24.8	23.9	27.9	30	28.4	26.3	31.2	22.8	85	86	72	64	75	74	------
19	58.30	58.50	59.50	57.21	57.40	59.60	25.2	24	27.4	29.5	26	25.6	31.5	22.5	80	81	70	65	88	79	1.5
20	58.43	58.05	59.03	57.27	57.42	58.06	24.8	24	27.1	27	26.6	25.5	29.7	22.7	88	87	74	72	76	80	------
21	56.51	56.68	57.49	55.41	55.63	57.39	25.9	25.3	27.3	30.8	28.1	27.2	32.4	23.9	84	84	78	60	71	75	------
22	56.68	56.94	57.57	55.48	55.67	57.28	26.3	25.7	27.6	29.5	27.5	27	32.8	24.5	77	78	75	68	77	83	------
23	55.99	55.97	57.55	55.74	56.53	58.69	26.5	26	26.8	28.1	27	25.5	------	24	85	87	84	79	82	87	5
24	56.89	57.77	58.63	56.18	57.16	58.88	24.9	24.2	27.7	30.5	28.2	26.5	31.5	22.9	89	90	79	74	79	84	.2
25	58.56	58.84	60.18	58.32	58.37	60.45	25.8	25.2	27.7	28.5	27.5	25.8	31.9	23.4	80	80	72	79	79	83	.8
26	59.94	60.26	60.63	58.43	58.46	60.38	24.6	23.8	28.6	30.5	29.5	27	32	22.4	83	85	72	66	70	75	------
27	60.08	60.53	61.23	59.11	59.56	61.13	25.6	24.8	29	29	28	25.5	31.2	23.4	81	81	64	71	69	76	2.7
28	60.05	60.55	61.49	59.10	59.14	60.69	24.1	23.5	27	30.5	28.2	26.6	31.7	22.2	82	83	78	62	75	74	.8
29	59.81	60.33	60.91	58.41	59.49	60.71	25.6	24.9	29	28.8	25.8	25.5	30.1	23.8	84	88	69	67	89	84	27.2
30	59.65	59.91	60.73	58.18	58.26	59.79	24.6	23.9	28.5	30.5	28.2	26.5	30.8	22.8	86	86	67	68	72	73	------
31	59.22	59.81	60.38	57.86	58.12	59.75	24	22.5	27.6	30	28.3	27.5	31	21	86	87	73	65	70	68	------
Mean	58.31	58.68	59.58	57.41	57.61	59.18	24.9	24.1	28.1	29.2	27.8	26.1	31.3	22.6	82.1	83.3	69.6	68	73.5	77	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	66.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	0	NNE	1	NNE	2	SE	4	NNE	1	N	2	6	Ci. WSW	------	7	Ci.-S.	Cu. NE
2	NNW	0	NNE	1	SE	2	SE	5	WNW	1	NW	2	10	------	N. NE	8	------	Cu. NE
3	N	0	ESE	0	NNE	2	SE	3	NNE	2	NNW	1	7	Ci.-S. SE	------	6	Ci.-S.	Cu. E
4	N	0	NNE	1	NNE	2	W	3	NNE	1	N	2	6	Ci.-S.	S.-Cu. NE	7	------	Cu. NE
5	N	1	NNE	1	SE	2	SE	3	NNE	1	NNE	0	4	Ci.-S.	------	8	------	Cu.-N. E
6	N	0	NNE	1	NNE	2	WNW	3	NW	1	NNE	2	9	------	S.-Cu. ENE	9	------	Cu.-N. E
7	NNE	0	NNE	1	SE	3	SE	2	SE	2	N	2	6	Ci.-S. SE	------	7	------	Cu. NE
8	N	1	NNE	2	NNE	2	SE	4	NNE	1	NE	0	5	Ci.-S. SE	------	9	------	Cu.-N. NE
9	N	1	NNE	2	SE	2	WNW	4	SE	1	NNW	2	6	Ci.-S.	S.-Cu. E	9	Ci.-S.	Cu.-N. NE
10	N	0	NNE	2	SE	2	SE	4	ESE	0	NW	1	9	Ci.-S.	N. E	8	Ci.-S.	Cu.-N. NE
11	NNW	0	NNE	0	NNE	3	SE	3	NNE	2	NNW	1	10	A.-S.	Cu.-N. NE	10	Ci.-S.	Cu. NE
12	N	1	NNE	2	NNE	2	WSW	2	NNE	1	N	1	10	A.-Cu.	Cu.-N. E	10	------	N. E
13	NNE	0	NNE	0	NNE	2	SE	4	SE	1	NNE	2	3	Ci.-S.	------	10	Ci.-S.	Cu.-N. NE
14	SE	1	NNE	1	NNE	4	SE	3	NNE	1	NNW	2	9	A.-S.	S.-Cu. E	10	------	Cu.-N. E
15	N	1	NNE	1	NNE	3	SE	3	SSW	0	N	2	8	Ci.-S.	S.-Cu. E	10	Ci.-S.	N. E
16	NNW	0	NNE	1	N	3	WNW	2	NNE	0	N	2	10	------	S.-Cu. E	10	------	Cu.-N. NE
17	NNE	0	NNE	1	WNW	2	SE	3	SE	2	N	0	8	A.-S.	N. E	9	A.-Cu.	Cu.-N. NE
18	N	1	NNE	1	WNW	3	SE	4	NNE	1	NNE	2	6	------	Cu. NE	5	------	Cu.-N. NE
19	NNE	1	NNE	1	NNE	2	SE	3	NNE	1	NNE	2	8	------	S.-Cu. NE	7	A.-Cu.	Cu. NE
20	NNE	1	NNE	1	NNE	2	N	4	NNE	1	NNE	2	6	------	S.-Cu. E	10	A.-S.	Cu.-N. NE
21	NW	1	NNW	3	WNW	5	WNW	4	NW	3	N	3	10	A.-S.	S.-Cu. NW	9	Ci.-S.	Cu.-N. NNW
22	WNW	1	WNW	3	WNW	3	WNW	4	WNW	2	NNW	1	7	------	S.-Cu. NNW	8	------	Cu.-N. NNW
23	SE	1	SE	5	SE	3	SE	4	SE	1	NNE	2	10	------	N. ESE	10	------	Cu.-N. SSW
24	NNE	0	NNE	2	NNW	2	WNW	2	SE	0	NNW	1	10	A.-S.	S.-Cu. SE	10	Ci.-S.	Cu.-N. ESE
25	SSE	0	NNE	1	WNW	3	WNW	2	NNE	1	NNW	1	8	Ci.-S.	S.-Cu.	10	------	Cu.-N. E
26	N	1	NNE	1	SE	2	SE	3	NNW	1	N	3	4	Ci.-S. SSE	------	8	------	Cu.-N. E
27	N	1	NNE	1	SE	4	NE	2	NNE	2	N	2	7	Ci.-S.	Cu. E	8	Ci.-S.	Cu. NE
28	SE	1	NNE	1	SE	2	WNW	4	NNE	1	NNW	2	6	Ci.-S.	Cu. E	8	------	Cu.-N. E
29	NNW	1	NNE	1	SE	3	SE	5	SE	0	NNW	1	8	------	S.-Cu. E	8	------	Cu.-N. E
30	N	0	NNE	1	SE	3	SE	3	NW	2	NNW	2	7	------	S.-Cu. E	6	Ci.-S.	Cu. E
31	N	1	NNE	1	SE	3	SE	3	NNE	1	NNW	2	2	------	Cu.	8	------	Cu.-N. E
Mean	------	0.5	------	1.3	------	2.6	------	3.3	------	1.1	------	1.6	7.3	------	------	8.5	------	------

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.8 meters; gravity correction not applied, —1.86 mm.]

APRIL, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.12	59.74	60.23	58.43	58.28	59.74	25	23.8	28.5	27.3	27.4	26	29.7	22.1	80	83	71	84	74	78	0.3
2	59	59.10	60.23	58.06	58.66	60.08	25.4	24.3	28.3	28.8	28.4	26.5	31.5	23	79	82	75	69	65	75	------
3	59.30	59.50	60.43	58.16	58.84	60.25	25.4	24.5	28	30.3	28.5	27.1	32.4	22.5	80	80	70	62	72	73	------
4	59.38	59.71	60.38	58.48	58.84	60.08	25.6	24.8	28.5	29.3	28.5	27	30.5	23.6	91	83	74	72	80	80	3.6
5	59	59.18	60.44	58.07	58.67	59.66	25.7	25	27.7	28.5	28	26.5	31.3	24	86	88	81	78	77	88	2.8
6	58.69	59	60.17	57.22	57.26	58.60	25	24	28	30.3	28	26.6	32.9	22.3	82	83	76	68	70	76	------
7	57.89	58.41	59.63	57.16	56.51	58.27	25	23.8	28.3	29.6	28.3	26.8	33.2	22.5	85	88	72	71	75	83	------
8	57.93	59.10	59.71	57.86	57.41	59.28	25.2	24	28.4	29.8	29	26.4	33	22.5	83	84	72	66	68	73	------
9	58.85	59.68	60.39	57.83	57.71	59.78	23.6	22.9	27.5	31.2	28.5	26.1	32.3	21.5	81	85	73	58	77	68	------
10	58.90	59.55	60.27	57.98	57.90	59.35	24.8	23.8	27.5	31.4	29.1	25.9	32.7	22.3	76	81	73	53	65	73	------
11	58.63	59.10	60.19	58.06	58.52	59.73	25.2	24.5	28.3	31.5	29.7	26.5	32.9	22.6	76	80	66	57	64	68	------
12	59.49	59.83	60.41	58.38	58.68	59.80	25.8	24.9	29.5	31.4	29	27.3	32.8	23.1	76	77	64	52	65	66	------
13	58.95	59.50	59.63	57.65	57.53	59.38	25	24	29.2	29.7	29.2	28.5	31.4	22.3	76	77	67	64	70	67	------
14	58.15	58.63	59.03	57.21	58.01	59.25	25.6	24.4	29.3	28.6	27	25.8	31.4	23.5	81	87	69	77	90	84	4.4
15	58.13	58.41	59.38	56.93	57.47	58.39	25.6	25	28.3	29	28	26.6	31	23.8	81	83	77	74	84	82	3.6
16	57.95	58.03	58.58	56.88	57.23	58.76	25.7	25	28.8	29.6	28.8	27.5	31.6	23.9	86	90	77	70	76	76	.3
17	57.75	58.08	59.07	56.72	57.08	58.90	26.2	25.4	28.3	30.5	29.9	26.7	30.6	24.2	82	84	68	63	69	71	------
18	58.69	59.09	60.05	57.86	57.71	59.57	24.9	23.1	27.5	31.5	29	27	32.2	21.8	78	86	69	56	65	72	------
19	58.95	59.33	59.86	57.08	56.94	58.34	25.3	24.5	28.5	31	28	27	33.2	23	81	82	70	59	77	75	------
20	57.63	58.50	58.89	57.02	57.12	58.80	25	23.1	28	30.8	29	26.5	32.9	21.9	79	82	69	57	73	80	------
21	57.78	58.55	59.67	57.19	57.47	58.75	25.5	24	29.4	32	29	26.2	33	22.7	86	86	70	54	71	71	------
22	58.75	59.30	59.62	57.30	57.17	58.53	24.1	23	29	31	29	27.1	33	21.2	81	83	73	64	74	80	------
23	58.35	58.51	59.25	57.06	57.06	58.74	25.2	24.5	29.5	31.5	29.4	27.3	32.4	23.2	84	86	72	64	70	76	------
24	57.98	58.47	59.08	57.18	57.12	58.65	25	23.3	28.3	30.9	29	26.5	33	22.1	82	84	71	57	68	67	------
25	58.18	58.75	59.62	57.22	57.33	59.33	25.4	24.2	28.4	31.1	29	26.8	31	22.8	79	82	66	62	68	70	------
26	58.71	59.04	59.50	56.40	56.98	58.78	25.4	24.6	29.5	31.2	29.5	27.8	33	23.1	79	84	75	63	73	73	------
27	57.99	58.44	59.01	56.83	56.66	58.52	25.1	24	29.5	31.5	29	28	33.8	23.3	84	90	68	58	71	77	------
28	57.77	58.18	58.92	56.73	56.65	58.24	26	25.2	29.4	31	29	27.5	32.8	23.6	82	82	73	65	68	73	------
29	57.58	58.19	58.81	56.51	56.83	58.43	25.2	24.5	29.7	31.2	29	28	33	23	79	79	70	64	69	77	------
30	57.69	57.94	58.93	56.36	56.71	58.53	25.9	24.9	28.7	31	29	27.2	30.1	23.8	80	80	73	65	71	76	------
Mean	58.43	58.89	59.65	57.39	57.54	59.08	25.3	24.2	28.6	30.4	28.7	26.9	32.2	22.8	81.2	83.4	71.5	64.2	72	74.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	15

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	1	NNE	1	NNE	3	NNE	1	NNW	2	NNW	3	4	------------	S.-Cu. E	10	------------	N. E
2	NNE	1	NNE	1	SE	3	SE	5	NNE	1	NNW	2	3	------------	S.-Cu. E	7	------------	Cu.-N. E
3	N	1	NNE	1	SE	3	SE	4	WSW	1	NNW	2	2	Ci.-S.	------------	8	------------	Cu.-N. NE
4	N	0	NNE	1	SE	2	SE	2	NNE	0	N	1	9	------------	Cu.-N. E	9	------------	Cu.-N. E
5	NNW	1	SE	1	WNW	2	W	2	SSW	1	N	2	3	------------	S.-Cu. E	10	------------	N. E
6	N	1	NNE	1	WNW	2	SE	4	SE	2	NNW	0	3	------------	Cu.	3	------------	Cu. NW
7	NNE	1	NNE	1	WNW	2	SE	3	SE	1	N	1	2	Ci.-S.	------------	4	------------	Cu. W
8	N	1	NNE	1	WNW	3	SE	4	W	0	NW	2	3	------------	S.-Cu.	5	------------	Cu.-N. NE
9	NNE	2	NNE	0	SE	3	SE	5	NW	1	NNE	1	2	Ci.-S.	Cu. NE	5	------------	Cu. NE
10	N	0	NNE	1	WNW	2	SE	3	E	1	N	1	3	Ci.	Cu. NE	3	------------	Cu. NE
11	NNE	1	NNE	2	SE	3	WSW	3	SE	1	NNW	1	5	Ci.-S.	Cu.	5	------------	Cu. E
12	NNE	1	NNE	1	SE	2	SE	3	WNW	1	SE	1	3	Ci.-S.	Cu. E	4	------------	Cu. NE
13	N	1	NNE	1	SE	3	SE	3	SE	1	NNW	1	2	Ci.-S.	------------	8	------------	Cu.-N. NE
14	NNW	1	NNE	1	SE	2	WNW	3	NNE	1	N	1	6	------------	Cu.-N. NE	10	------------	N. E
15	NNE	1	NNE	1	SE	3	WNW	3	NNE	1	NNE	2	9	Ci.-S.	S.-Cu. E	9	------------	Cu.-N. NE
16	N	0	NNE	1	SE	3	W	3	SE	2	NNW	2	9	Ci.-S.	N. E	7	Ci.-S.	Cu.-N. E
17	N	1	NNE	1	SE	3	SE	5	NNE	1	NNW	2	10	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. NE
18	NNW	1	WNW	1	SE	3	WNW	3	NNW	1	NNW	2	4	Ci.	------------	6	Ci.-S.	Cu. NE
19	N	1	NNE	1	WNW	3	SE	3	NNE	1	NNW	2	1	------------	Cu.	6	------------	Cu.-N. NE
20	NNE	2	NNE	1	SE	3	SE	3	SE	2	NNW	2	2	Ci.-S.	------------	4	------------	Cu. N
21	N	0	NNE	1	SE	3	W	3	SE	2	N	2	6	------------	Cu.-N. NE	2	------------	Cu. NNW
22	N	1	NNE	1	SE	3	W	3	SE	2	NNW	1	5	Ci.-S.	Cu. E	8	------------	Cu.-N. E
23	Calm	----	NNE	1	SE	3	WNW	3	SE	0	NNE	2	3	------------	Cu. NE	4	------------	Cu. N
24	N	1	WNW	0	WNW	3	SSE	3	WNW	2	NE	1	6	Ci.-S.	------------	7	Ci.-S.	Cu. E
25	SE	1	NNE	1	SE	3	SE	4	WNW	2	N	2	4	Ci.-S. W	Cu. NE	3	Ci.-S.	Cu. E
26	N	1	NNE	2	SE	3	WNW	4	SE	5	NNW	2	6	Ci.	Cu. E	4	Ci.-S.	Cu. E
27	NNE	1	NNE	1	WNW	3	SE	3	SE	1	N	2	4	Ci.	------------	4	------------	Cu. NE
28	N	1	NNE	2	SE	3	SE	3	SE	1	N	2	7	Ci.	------------	4	Ci.-S.	Cu. E
29	N	1	NNE	2	SE	3	SE	4	NNE	1	SSW	1	4	Ci.-S.	S.-Cu. NE	4	------------	Cu. NE
30	SSE	1	NNE	1	SE	3	SE	3	SE	1	NNW	2	6	Ci.-S.	Cu.	4	Ci.-S.	Cu. E
Mean	------	0.9	------	1.1	------	2.8	------	3.3	------	1.3	------	1.6	4.5	------------	------------	5.9	------------	------------

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.8 meters; gravity correction not applied, —1.86 mm.]

MAY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.30	57.40	58.14	56.53	56.83	58.43	25.7	24.8	29.1	31.5	29.5	27.8	32.9	23.3	84	85	71	63	64	71	------
2	57.42	57.96	58.61	56.88	57.02	59.43	26	24.8	29.2	30.8	30	28.4	34.2	24.1	82	85	68	67	71	70	------
3	58.13	58.19	58.73	56.80	56.81	57.86	27	26	29.7	32	30	28	33.7	24.4	77	82	71	63	69	69	------
4	57.68	58.05	58.70	56.69	56.71	58.40	27.1	26.5	30.4	31.5	29.6	28.3	34	24.4	73	78	69	64	72	77	------
5	57.23	57.72	58.53	56.00	56.12	57.71	27	26.1	30	31.3	30.5	28.8	34.3	24.3	80	82	71	65	68	80	------
6	56.53	56.84	58.12	55.50	56.26	57.63	27.6	26.5	30.5	30.7	29.8	28.5	33	24.1	81	83	68	67	73	83	21.3
7	56.68	56.93	57.98	56	56.86	57.24	27.6	26.5	28.4	28.7	28	27.5	30.5	24.4	80	86	84	80	85	81	.3
8	56.75	57.10	58.13	55.56	56.38	58.14	26.4	25.5	28.5	29.7	28.5	27.5	29.8	24	81	85	79	78	81	86	3.6
9	56.92	57.59	58.31	56.75	57.93	59.41	26.8	26.2	27.9	29.9	28.5	27.7	32.2	24.3	86	86	85	72	80	81	------
10	57.83	58.96	59.89	58.04	57.66	59.72	26.4	25.5	29	28.2	28.2	27.7	30.4	24.4	82	88	78	76	79	83	------
11	59.08	59.13	59.57	57.93	58.01	59.42	26	25.1	28.8	28.9	28.7	28.6	33.6	23.8	84	86	77	75	75	78	3.6
12	58.50	58.60	59.24	57.40	57.46	58.76	27	26	28.7	30.4	29	27.5	32	24.2	84	87	80	74	80	82	------
13	57.77	57.98	58.67	57.05	57.02	58.43	26.3	25.3	29	30	29.5	27.5	30.8	24	83	85	74	68	70	77	------
14	57.57	57.88	58.42	56.94	56.98	59.03	26	25.3	28.7	28.9	29	27.7	30.5	23.3	80	81	76	73	75	77	------
15	58.08	58.30	58.72	56.86	57.03	59.34	26	25	28.8	30.4	29.4	28.3	30.9	23.2	79	82	73	68	64	77	------
16	58.37	58.94	59.67	57.56	58.79	59.90	27.1	26.5	29	30.3	26	25.8	30.5	23.4	80	82	78	70	85	78	10.4
17	58.68	59.09	59.83	57.73	58.43	60.04	25.4	25	28.5	30	29.5	28.4	30.3	23.3	84	89	79	71	75	80	15.5
18	58.90	59.18	59.83	57.66	58.49	60.01	26.2	25	28.9	30.8	25.5	25.6	30.7	23.3	87	89	78	70	90	84	.8
19	58.98	59.24	59.78	57.33	57.65	58.37	25.2	24.6	28.4	31	29.3	27	33	23.5	87	91	80	65	68	77	------
20	58.10	58.28	58.98	56.90	57.05	58.48	25.8	25	28.9	29.5	29.6	28	32.2	24.1	82	88	75	72	74	78	------
21	57.75	58.05	58.81	56.76	57.65	59.09	26.2	25.6	29.2	30.7	29	28	30.7	24	76	87	68	67	74	75	------
22	58.73	58.90	59.06	57.46	57.80	60.17	26.6	25.7	29.4	30.3	29.8	28.2	32.3	24.5	83	87	75	73	66	77	------
23	59.78	60.24	60.51	58.81	58.70	59.73	27	26	29	31.1	29	27.6	32.4	23.9	81	83	71	68	72	80	------
24	59.05	59.43	59.71	57.15	57.10	58.50	26.2	25.2	29.1	31.3	29.7	28.7	32.1	23.9	82	87	71	68	78	78	------
25	57.71	58.45	58.90	56.42	57	58.53	26.9	25.9	29.6	31.6	29.1	28	31.9	24.3	85	86	75	68	78	82	------
26	57.63	58.25	58.97	56.98	57.55	58.88	27.5	26.8	28.7	30	29	27.6	30.7	25.8	81	83	78	74	78	82	1.4
27	58.23	58.74	58.91	56.66	57.13	58.23	26.3	25.5	29.5	30.5	28.5	27	30.7	24.8	85	89	75	78	81	84	------
28	58.20	58.43	58.50	56.73	56.75	57.98	26.2	25.5	30	29.5	29	26.9	33.9	23.9	84	84	71	75	74	85	------
29	57.10	57.89	58.25	56.61	57.01	57.93	26.1	25.4	29.8	31	29.4	28	31.2	24.5	87	88	74	71	68	75	------
30	56.93	56.94	57.47	55.98	55.97	57.31	26.5	25.5	28.8	28.9	27.7	27	31.9	23.7	83	85	73	76	79	81	------
31	56.93	57.18	58.01	55.96	56.38	58.47	26	25.3	28.8	29.8	29.5	27.9	31.4	24.2	82	84	79	73	74	79	------
Mean	57.89	58.25	58.87	56.89	57.24	58.73	26.5	25.6	29.1	30.3	29	27.7	31.9	24	82.1	85.3	75	70.7	74.8	78.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	56.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	1	NNE	1	SE	3	WNW	4	WNW	1	N	1	5	Ci.-S. SW	Cu.	8	------	Cu. E
2	N	0	NNE	1	WNW	3	SE	2	WNW	1	N	1	4	Ci.-S.	Cu.	8	------	Cu.-N. E
3	NE	1	NNE	1	WSW	3	SE	3	WNW	2	NNW	1	4	Ci.-S. WSW	Cu.	4	------	Cu. NE
4	SE	2	NNE	1	WNW	3	SE	4	WNW	1	ENE	1	5	Ci.-S.	Cu. E	6	------	Cu.-N. E
5	NE	0	NNE	1	SE	3	SE	3	SE	1	SE	2	6	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
6	NNE	1	NNE	1	SE	2	SE	3	SE	1	SSW	1	7	Ci.-S. S	Cu. E	8	------	Cu.-N. N
7	N	0	SE	1	SE	2	SE	2	SE	1	N	1	10	------	N. NE	10	------	N. NE
8	NNE	1	NNE	1	SE	2	SE	3	SE	1	NW	1	10	------	Cu.-N. S	8	A.-Cu.	Cu.-N. E
9	N	1	SE	1	SE	2	SE	2	SE	1	NNW	2	9	------	N. SE	10	Ci.-S.	Cu.-N. SE
10	NNE	1	NE	1	SE	3	ENE	2	NNW	1	N	1	6	------	Cu.-N. SE	8	Ci.-S.	Cu.-N. SE
11	N	1	NNE	1	WNW	2	NNE	2	WNW	1	NNW	0	7	Ci.-S.	Cu.	7	Ci.-S.	Cu. SE
12	NNE	1	NNE	1	SE	3	WNW	3	WNW	1	N	1	8	A.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
13	N	1	NE	1	SE	4	SE	3	SE	2	N	1	8	Ci.-S.	Cu. E	8	------	Cu.-N. E
14	N	0	NNE	2	SE	4	SE	2	SE	1	SE	1	6	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
15	NNW	1	NNE	1	SE	3	SE	5	SE	2	ENE	1	4	Ci.-S.	Cu.	4	------	Cu. N
16	NNE	1	N	1	SE	2	SE	3	SE	0	NNW	1	10	A.-Cu.	Cu.-N. S	9	------	Cu.-N. W
17	N	1	NNE	1	SE	3	SE	3	SE	2	SSW	2	8	------	S.-Cu. SE	7	Ci.-S.	Cu.-N. W
18	NNW	2	NNE	1	SE	3	E	4	SE	1	NNW	2	6	Ci.-S.	Cu.-N. E	7	------	Cu.-N. E
19	N	1	NNE	1	SE	3	W	3	WSW	2	N	2	4	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
20	NNE	1	NNE	1	SE	3	SE	3	SE	1	ESE	2	7	A.-Cu.	S.-Cu. E	6	------	Cu. NE
21	N	1	NNE	1	SE	5	SE	5	WNW	1	NW	1	9	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
22	N	1	NNE	1	SE	5	SE	3	SE	1	NNE	1	7	Ci.-S.	Cu. ENE	5	------	Cu. E
23	NNW	1	NNE	1	W	2	SE	3	SE	2	NNE	1	5	------	Cu. SE	7	------	Cu. NE
24	NNE	1	NNE	1	SE	3	SE	3	SE	2	SE	1	8	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.-N. NE
25	NE	1	NNE	1	SE	4	SE	4	SE	2	SSW	2	8	Ci.-S.	Cu. E	6	------	Cu.-N. E
26	NNE	1	SSE	1	SE	3	SE	3	SE	2	ENE	1	10	Ci.-S.	N. E	6	Ci.-S.	Cu.-N. E
27	NNE	1	NNE	1	SE	3	SE	3	SE	1	NNE	1	7	------	Cu.-N. E	8	------	Cu.-N. E
28	N	1	NNE	1	WNW	2	SE	3	SE	1	NNE	1	9	Ci.-S.	Cu.	10	Ci.-S.	N. E
29	NNW	1	NNE	1	SE	3	SE	3	NNE	1	N	1	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. NE
30	NNE	1	NNE	1	SE	3	ENE	3	NE	1	NE	2	8	Ci.-S.	Cu. E	10	------	Cu.-N. NE
31	N	1	NNE	1	SE	3	SE	3	ESE	1	N	1	9	Ci.-S.	Cu. E	5	Ci.-S.	Cu. NE
Mean	------	0.9	------	1	------	3	------	3.1	------	1.3	------	1.2	7.2	------	------	7.3	------	------

TAGBILARAN.

[φ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.8 meters; gravity correction not applied, —1.86 mm.]

JUNE, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.93	57.98	58.11	56.93	56.58	58.21	26.3	25.4	29.5	27.7	28.5	26.5	30.5	24	81	83	75	81	74	87	0.8
2	57.95	58.10	58.39	56.03	56.16	57.82	25.7	25	29.5	31	29.8	28.4	32.2	24.1	85	83	75	69	75	76	.8
3	56.87	57.35	57.85	55.17	56.06	58.02	27	26.1	29.7	31.6	29.7	28.4	34.1	25	82	85	72	60	77	73	------
4	56.97	57.11	57.97	55.87	56.06	57.46	26.6	25.8	29.4	31.3	30.1	28	31.7	24.7	85	89	76	67	65	81	------
5	56.97	57	57.12	55.95	56.81	57.84	26.9	26.1	29.7	29	28	26.7	31	24.7	83	85	73	82	78	86	10.2
6	56.89	57.36	57.36	55.98	56.41	58.06	26.2	25.5	29.3	30.5	30	28.5	33.5	23.9	86	86	81	70	78	79	------
7	57.04	57.88	58.80	56.78	57.18	58.87	27.3	26.6	29.5	29.8	29.5	28	31.7	24.7	82	84	76	76	80	83	------
8	57.93	58.11	58.98	56.83	57.11	59.06	26.4	25.7	28.8	31	29.2	28.3	32.2	24.2	81	80	73	61	80	77	------
9	58.63	58.90	58.86	56.96	57.23	58.67	26.4	25.8	29.4	30.7	29.4	27.9	33.7	23.7	83	83	72	65	75	85	------
10	58.39	58.65	58.84	57	57.20	58.19	26.5	25.5	28.5	29.5	28.3	26.5	32.4	24.5	86	88	74	73	79	80	.3
11	57.74	58.06	58.68	56.48	56.63	58.03	25.8	25	29	31	29.8	27.5	31.4	23.3	83	88	71	65	63	78	------
12	57.70	57.93	58.33	56.90	57.96	59.93	25.9	24.9	29.5	29.8	27	26.3	32.9	23.4	79	83	73	71	83	79	3.7
13	58.54	59.30	59.86	57.90	59.02	60.19	25.3	24.8	28.5	29.7	28.5	26.7	30.9	23.4	86	89	74	71	79	81	------
14	58.73	59.33	60.22	58.18	58.07	59.93	25.6	24.6	28.8	29.5	28.6	27.7	30.1	23.4	85	87	78	72	77	82	------
15	58.90	59.38	60.16	58.52	59.20	60.40	26.8	26	29.3	30.2	29	26.2	32.9	24.3	84	88	76	68	72	78	------
16	59.57	59.65	60.29	58.38	58.80	60.16	26.2	26.2	28.9	29.4	28.9	27.5	31.4	24.6	82	86	70	70	75	77	.5
17	59.83	59.95	60.55	59.56	59.43	60.03	27.2	26.6	29.3	27.6	28	26.8	31.6	24.9	81	83	69	74	71	80	------
18	59.82	60.03	60.39	58.65	58.92	59.37	26.5	26.3	28.7	31.2	29.5	28.1	33.2	25.3	82	83	67	62	66	78	------
19	58.98	59.32	59.73	58.06	57.71	58.51	27.2	26.4	30	30.9	28.5	27.6	34.7	24.9	83	84	65	66	76	82	------
20	58.49	58.65	59.22	57.06	57.08	58.31	27.6	25.6	29.3	30.8	29.5	28.3	32.2	24.2	81	87	70	69	74	75	------
21	57.89	58.04	58.26	56.03	56.95	57.58	26.8	25.6	29.5	30.7	29.3	27.8	32.2	24.4	83	87	68	65	72	76	5.2
22	57.43	57.74	57.82	57.34	57.15	58.25	26.4	25	28.5	25	24.8	25.5	30.2	22.1	78	83	79	81	87	87	21
23	57.47	57.55	57.31	56.10	57.11	58.38	25	24.7	28.4	29.5	28.9	26.9	30.1	22.5	87	87	77	75	74	86	------
24	57.70	57.88	57.86	56.86	57.11	58.28	25.8	25	29.5	27.7	27.9	27.3	32.2	24.4	90	90	72	86	87	81	.5
25	57.69	58.26	58.63	56.45	57.26	59.17	26	25.3	28.6	30.5	28.4	27.8	32.3	24.6	88	89	77	70	75	79	2
26	58.02	58.06	58.56	56.98	57.90	59.13	26.3	25.1	29.3	30.5	29	27.8	32.5	23.8	85	91	76	71	77	81	------
27	57.74	58.39	58.63	56.01	56.73	58.72	26	25	28.6	31	29.3	27.5	32.7	23.7	84	85	77	67	72	79	------
28	57.75	57.74	58.54	57.30	57.66	59.08	25.8	24.5	28.5	29	29.4	27.5	30.7	23.4	84	87	74	70	72	81	------
29	58.23	58.80	59.52	57.73	58.02	59.13	26.7	26	29	28.8	28.5	26.8	32	23	83	85	73	72	74	86	21.2
30	58.52	58.49	58.91	56.97	57.62	58.94	26	25.3	28.9	27.6	27.4	25	32.7	23.2	88	89	78	80	86	89	12.5
Mean	58.08	58.37	58.79	57.03	57.44	58.79	26.3	25.5	29.1	29.8	28.8	27.3	32.1	24	83.7	85.9	73.8	71	75.8	80.7	------
Total	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	78.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	ENE	1	NNE	1	SE	3	WNW	2	SE	1	N	1	7	Ci.-S.	Cu. NE	9	------------	Cu.-N. E
2	NNE	1	NNE	1	SE	3	SE	2	WNW	2	NE	1	6	Ci.-S.	Cu. E	7	------------	Cu.-N. ENE
3	NNE	1	NNE	1	SE	3	SE	5	SSW	1	NNE	1	4	Ci.-S.	Cu.	6	Ci.-S.	Cu. E
4	N	0	NNE	1	SE	3	SE	4	NNE	1	NNE	1	5	Ci.-S.	Cu. E	8	------------	Cu.-N. E
5	NNE	1	NNE	1	SE	2	WNW	4	ENE	1	ENE	0	10	------------	N. NE	9	------------	Cu.-N. ENE
6	N	1	NNE	1	WNW	3	S	3	W	1	NNE	3	5	Ci.-S.	Cu.	7	------------	Cu. E
7	N	1	NNE	1	SE	3	S	3	SE	1	N	1	10	Ci.-S. SW	------------	10	------------	Cu.-N. E
8	NNE	1	NNE	1	ESE	2	WNW	4	WSW	1	NNE	1	7	A.-Cu. SSW	S.-Cu. ENE	10	Ci.-S.	Cu.-N. ENE
9	N	1	NNE	1	SE	3	SSE	2	SE	1	N	1	4	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. ENE
10	NNE	1	ENE	1	WNW	2	SE	2	SE	1	N	2	6	Ci.-S.	Cu. ENE	10	Ci.-S.	N. NE
11	N	1	NNE	2	SE	3	SE	3	WNW	1	N	2	10	A.-S.	Cu.-N.	7	Ci.-S.	Cu. NE
12	NNE	1	NNE	2	SE	3	WNW	3	NNE	2	ENE	2	4	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. E
13	NNE	2	NNE	2	WNW	2	SE	3	WNW	0	NNE	2	9	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
14	N	1	NNE	2	SE	4	SE	2	SE	1	NNE	0	10	A.-S.	Cu.-N. E	10	A.-S.	Cu.-N. E
15	N	0	NNE	1	WNW	2	SE	2	WNW	1	N	0	8	A.-Cu. N	Cu.-N. S	8	Ci.-S.	Cu. SE
16	N	0	SSW	1	SSW	3	SSE	3	WNW	2	NNE	2	8	------------	S.-Cu. E	7	Ci.-S.	Cu. E
17	N	0	SSW	2	WSW	3	WNW	2	SE	1	NNW	1	10	Ci.-S.	Cu.-N. WSW	10	A.-S.	N. SW
18	N	0	SE	1	SW	4	W	4	S	2	SSW	3	7	Ci.-S.	Cu.-N. SSW	8	Ci.-S.	Cu. WSW
19	E	1	SSW	1	W	3	SSE	4	SE	1	NW	0	10	Ci.-S.	Cu. S	10	Ci.-S.	Cu. W
20	NNE	1	N	1	SE	2	SE	4	SE	2	N	2	6	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu. SW
21	SE	1	S	1	SW	3	SE	3	SE	2	E	0	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
22	WNW	1	ENE	1	SE	3	N	2	NNE	1	N	2	10	------------	N. E	10	Ci.-S.	N. NNE
23	NNE	1	NNE	2	SE	3	SE	3	SE	1	N	1	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
24	N	0	NNE	1	NNE	2	WNW	2	WNW	1	NNE	2	10	Ci.-S.	Cu.-N. E	10	------------	N. E
25	NNE	1	NNE	1	SE	2	SE	3	NW	1	SSW	1	9	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.-N. E
26	SW	1	NE	1	WNW	3	SE	3	ESE	1	NNE	1	9	Ci.-S.	Cu.-N. SW	7	Ci.-S.	Cu. S
27	N	1	NNE	1	SE	3	WNW	5	SE	5	NNW	3	9	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu. E
28	NNE	1	WNW	1	SE	4	SE	2	SE	1	NNE	1	5	Ci.-S.	Cu.	10	------------	N. E
29	NNE	1	NNE	2	SE	3	NW	2	NNE	1	N	1	6	A.-Cu.	Cu.-N. E	6	Ci.-S.	Cu. E
30	Calm	----	NNE	1	WNW	3	SE	2	WNW	1	NNW	1	4	------------	Cu.-N. E	7	------------	Cu.-N. E
Mean	-------	0.8	-------	1.2	-------	2.8	-------	2.9	-------	1.3	-------	1.3	7.6	------------	------------	8.5	------------	------------

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.8 meters; gravity correction not applied, —1.86 mm.]

JULY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.71	56.99	57.31	55.74	55.98	57.09	25	24.2	27.8	28	27.9	27	30	22.9	88	91	82	77	82	84	0.8
2	55.99	55.96	56.99	55.16	55.68	57.14	26.2	25.6	28.3	28.8	27.7	27.2	29.7	24	86	87	79	77	82	84	3.9
3	56.30	56.63	57.22	55.89	56.18	57.60	25.8	25	27.7	28.4	27.4	26.5	28.6	23.6	90	92	79	77	81	85	9.7
4	57.30	57.78	58.36	56.69	56.94	58.01	25.6	24.8	26.2	26.1	26.9	26.5	28	23.3	87	87	88	90	85	84	7.8
5	57.50	57.54	57.27	56.28	56.31	57.99	25.2	24	28.5	27.8	28	26.8	32.8	22.8	88	91	77	78	80	78	------
6	57.13	57.15	57.68	56.49	56.59	58.44	25.6	25	27.9	27.5	26.7	25.1	28.8	23.6	87	90	74	85	86	83	18.4
7	57.86	57.77	58.02	56.94	57.72	58.79	24.2	23.5	26.8	28.3	27	26.6	28.8	21.9	90	91	74	69	80	82	------
8	57.83	58.03	58.78	57.01	57.76	59.34	25.8	25.2	28.1	30	28.3	27.5	30.7	24.3	85	88	70	71	77	80	------
9	58.57	59.05	58.71	56.90	57.26	59.06	26.2	25.3	29	30	28.2	27.2	30.8	23.5	82	88	72	71	77	81	------
10	58.23	58.50	58.41	56.82	57.28	57.98	26.4	25.7	29	29.8	27.7	27.1	30.7	24.3	83	86	76	73	79	85	.5
11	57.22	57.42	58.01	56.20	56.68	57.35	26.6	26.2	29.4	29.4	27.2	26.8	33.2	24.4	86	86	77	75	84	84	3.8
12	56.80	56.91	57.69	56.37	56.75	58.55	26.2	25.5	28.1	26.5	26.7	25.7	28.8	24.8	85	85	73	76	71	80	------
13	58.30	57.71	58.87	57	57.36	59.08	26	26.3	28.8	30	28.4	27	32.2	25	85	86	72	68	71	76	------
14	58	58.58	58.86	56.95	58.33	59.75	24.9	24.7	29	29	27.5	26.5	29.9	23.1	84	86	73	81	84	86	------
15	58.38	58.49	58.78	57.08	58.19	59.72	24.7	24.5	28.5	27.4	27	26.5	30	23.1	90	87	77	89	84	80	13.5
16	59.34	58.95	59.48	57.88	57.61	59.21	24.6	24	27.5	27.9	26	25.8	30.8	22.4	85	89	79	78	84	90	5.3
17	57.68	57.67	57.83	56.17	56.84	58.83	24.7	23.8	27.7	28.7	28.4	26.9	32.8	22	87	90	82	75	77	85	11.7
18	57.80	57.90	58.64	57.06	57.71	59.93	25.4	25	28.2	30	28.2	28	29.9	22.7	88	89	80	75	78	77	3.3
19	58.95	59.11	59.77	58.15	58.26	59.60	27	26	27	30	28.4	27	30.7	24.6	81	88	89	71	77	83	2.8
20	59.18	58.40	59.63	58.18	58.23	59.25	26.2	25.7	28.4	28.7	27.8	26.5	31.9	24.6	87	90	68	73	77	80	.5
21	58.61	58.06	58.71	57.48	57.86	58.78	26.4	25.8	28.8	27.5	25.9	26.8	31.2	23.7	78	79	75	76	81	72	------
22	58.09	58.05	58.51	56.90	57.51	59.18	26.2	25.8	28.3	29.2	28.4	26.6	33.6	25	75	78	72	69	76	83	------
23	58.26	58.13	58.47	56.50	56.86	58.39	26	25.5	29	30	28.4	26.4	30.3	24.7	85	88	71	73	75	86	11.9
24	57.25	57.10	57.74	55.87	56.14	58	26.1	25.9	27.2	29	27.7	25.9	29.5	24.7	85	85	79	71	68	88	1
25	57	56.95	56.74	55.85	56.61	58.43	25.7	25.5	28.3	30	28.3	28	32.5	24.5	84	84	70	65	72	77	2.5
26	57.30	57.40	57.56	56.51	56.57	58.49	26.6	25.8	29	28.9	28.9	27.6	30.2	25.2	86	89	68	69	67	76	.5
27	57.39	56.97	58	56.31	56.75	58.08	27.2	27	29.3	31.5	29.1	27.7	31.8	26	84	88	66	48	68	82	------
28	56.50	56.33	56.60	54.67	55.31	56.94	27.2	26.8	29.5	31.5	29.5	28.4	31.6	26.2	81	82	69	59	68	80	------
29	55.91	56.19	56.66	55.09	55.53	57.78	27.4	26.8	30	31.7	29.4	28.5	32.3	26.5	81	81	65	53	68	70	------
30	58.08	58.22	58.82	57.53	57.80	59.83	27.6	27.2	30.2	31.6	28.5	26.8	32.5	26.4	77	81	60	56	65	86	------
31	58.54	58.69	58.97	57.55	57.90	59.24	26.8	26.6	29.8	31.1	29.3	28.3	32	25	83	83	65	66	72	79	------
Mean	57.71	57.70	58.16	56.62	57.05	58.58	26	25.4	28.4	29.2	27.9	26.9	30.9	24.2	84.6	86.6	74.2	72.1	76.6	81.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	97.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	0	NNE	1	SE	2	SE	1	SE	1	N	2	9	A.-S.	Cu.-N. E	8	------------	Cu.-N. NE
2	NNE	0	NNE	1	SE	2	SE	2	WNW	1	NNW	2	10	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. ENE
3	N	0	NNE	1	SE	2	SE	2	SE	1	NNE	1	10	------------	N. NE	10	Ci.-S.	Cu.-N. E
4	SE	1	SE	2	SE	3	SSW	2	SE	1	N	2	10	------------	N. E	10	Ci.-S.	N. E
5	N	1	NNE	1	W	3	NNE	3	WNW	2	N	1	5	A.-Cu. E	Cu.-N. E	7	------------	Cu.-N. E
6	N	1	NNE	1	SSW	3	SW	2	SE	1	SE	1	10	------------	N. E	10	------------	N. S
7	SSW	1	N	1	S	3	SE	3	S	4	S	3	10	------------	N. SW	10	Ci.-S.	N. SW
8	Calm	----	NNE	1	SE	3	S	3	SE	2	NNE	1	8	Ci.-S.	Cu. N	8	Ci.-S.	Cu. SW
9	SE	1	NNE	1	SE	3	SE	3	ESE	2	SE	1	10	------------	S.-Cu. SW	5	Ci.-S.	Cu. SSW
10	N	0	NNE	1	SE	4	SE	4	ESE	1	N	1	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. SSW
11	WNW	0	NNE	1	WSW	3	WNW	2	SE	1	N	2	10	A.-Cu. NE	N. SSW	10	------------	N. W
12	N	1	NE	1	SE	3	WSW	4	SE	1	N	1	10	------------	Cu.-N. W	10	------------	N. W
13	S	0	SSE	4	WNW	2	SE	3	SE	1	NNE	1	10	A.-Cu.	N. S	9	Ci.-S.	Cu.
14	NNW	1	SE	1	SE	2	SE	2	NW	1	N	2	10	Ci.-S.	Cu.-N. SSW	8	A.-S.	Cu. N
15	NNE	1	NNE	1	SE	2	N	2	SE	2	N	3	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. N
16	N	0	NNE	1	WNW	3	SE	2	WNW	2	SE	1	10	------------	N. E	10	Ci.-S.	Cu.-N. N
17	W	0	NNE	1	WNW	3	WNW	2	SE	1	N	1	8	Ci.-S.	N. SW	7	------------	Cu.-N. SW
18	Calm	----	NNE	1	SE	2	SE	3	SE	1	SE	2	10	Ci.-S.	Cu.N. SSE	9	Ci.-S.	Cu. SSW
19	WNW	1	WNW	1	WNW	2	SE	3	SE	2	SSW	4	10	------------	N. SW	10	------------	Cu. SW
20	SSW	2	NNE	1	W	3	SSW	3	SE	1	N	2	10	------------	N. SSW	10	Ci.-S.	Cu. SSW
21	N	1	SE	2	SE	2	SW	5	SW	2	WSW	5	9	A.-Cu.	S.-Cu. E	10	------------	N. NW
22	W	1	SW	2	WSW	3	SE	3	SSW	4	NNE	2	8	Ci.-S.	Cu. SSW	8	Ci.-S.	Cu.-N. NW
23	N	1	SE	1	SSW	3	SE	4	SE	3	SE	1	6	Ci.-S.	Cu. SW	6	------------	Cu. SSW
24	SE	1	SE	2	SSW	4	SW	5	SW	4	SW	4	10	A.-S.	Cu. SW	9	A.-S.	Cu.-N. SW
25	SW	3	SSW	5	SSW	5	SSW	5	SW	5	SW	5	10	------------	N. SSW	9	Ci.-S.	Cu. SW
26	SSW	1	SSW	3	S	5	SW	4	SW	3	SW	3	10	Ci.-S.	N. SW	10	Ci.-S.	Cu.-N. SW
27	NNE	1	SSW	3	SSW	5	SSW	6	SSW	4	SW	3	8	Ci.-S.	S.-Cu. SW	5	Ci.-S.	Cu.
28	SSW	1	SSW	3	SSW	5	SSW	6	SSW	3	SW	3	10	Ci.-S.	Cu. SW	9	Ci.-S.	Cu. SW
29	SW	1	SSW	1	S	3	SW	6	SSW	3	SSW	3	8	Ci.-S.	S.-Cu. NE	9	Ci.-S.	Cu. NNE
30	SW	1	SSW	2	SW	6	SW	6	SW	2	SSW	2	4	Ci.-S.	Cu. SW	9	Ci.-S.	Cu.-N. SW
31	SW	0	SSW	1	SSW	3	SE	3	SSW	4	SSW	3	4	Ci.-S.	Cu. SW	6	------------	S.-Cu. WNW
Mean	-------	0.7	-------	1.6	-------	3.1	-------	3.4	-------	2.1	-------	2.2	8.9	------------	------------	8.6	------------	------------

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.8 meters; gravity correction not applied, —1.86 mm.]

AUGUST, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*cC.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.31	58.48	59.07	57.20	57.60	58.96	27.6	27	29.7	31.4	29.5	28.2	31.7	26.7	80	80	67	63	75	77	------
2	57.27	57.40	58.15	56.02	56.36	58.46	27.1	26.4	29.5	31.5	29.7	26	31.5	22.4	80	81	74	67	77	80	47
3	58.03	58.20	58.18	56.07	57.03	58.18	25.4	24.9	28	28	28	27.6	29.3	21.9	84	88	74	83	79	78	.3
4	57.95	57.60	58.31	57	57.05	58.96	26.5	26	28.7	30	29	27.2	30.4	24.9	82	84	72	68	73	83	------
5	58.43	58.65	59.16	57.58	57.41	59.09	26.6	26	28.5	30.8	30.7	27.5	32.2	25.6	83	84	73	62	63	81	------
6	58.82	58.29	59.10	57.90	58.23	59.76	27.2	27	29.1	30.2	29.6	28.7	30.7	26.1	82	84	74	73	72	76	------
7	58.73	58.55	59.26	57.26	57.63	59.81	26.8	26	28.8	31.2	29.9	28	32.7	24	80	84	75	66	72	82	------
8	59.12	59.29	59.71	58.03	58.05	59.76	27.5	24.9	28.7	29.3	29.4	28.2	32.6	22.6	78	88	78	72	73	80	------
9	59.13	59.08	60.50	58.23	58.42	60.58	27.3	26.8	29.3	30.5	29.7	28.5	32	24.9	82	83	74	65	70	75	------
10	59.53	59.80	60.21	57.81	58.96	60.23	27	26	29.8	30.2	29.5	28.7	30.7	24.3	84	88	73	68	73	78	35
11	59.70	59.69	59.82	57.43	57.33	59.16	26.1	25.3	29	29.9	29.4	28.2	30.4	22.4	89	91	76	76	75	82	------
12	58.33	58.53	58.47	56.43	56.66	58.66	27.5	26.8	29.7	31	29.8	27.3	32.4	24.7	84	87	73	65	71	86	------
13	58.04	58.27	59.61	57.93	58.66	59.66	26.6	25.9	29	27.5	28.2	27	31.2	24.2	86	88	75	80	82	83	9.1
14	58.50	59.76	60.25	59.29	59.35	60.68	26.2	25.7	26.8	25.7	26.3	25.8	27.7	23.7	88	89	84	82	82	85	3
15	59.80	59.69	59.63	57.42	57.86	59.28	25.2	24.5	27.8	29.8	28.5	26.8	30.2	22.6	87	90	79	70	78	84	------
16	58.45	58.25	57.76	56.46	57.21	58.55	26.4	25.8	28.9	31	25.8	26.7	31.7	23.7	84	84	71	62	78	80	2.5
17	57.47	57.94	58.74	57.08	57.96	59.49	26.5	26.2	28.5	30.6	28	26.6	31.1	23.7	81	82	74	65	77	82	.4
18	58.43	58.90	59.88	58.10	59.14	60.88	26.4	26.2	27.2	30	27.5	26.6	30.7	23.5	81	84	81	69	80	75	1.1
19	59.48	59.81	59.94	58	58.22	59.63	26	25.5	28.5	29	28.4	27.1	29.8	23.3	82	88	74	74	80	84	------
20	58.74	58.64	58.91	57	56.92	58.35	25.5	24.9	29.1	29	27.3	26.8	30.7	23.4	84	85	73	76	87	82	.3
21	57.34	57.98	58.43	56.94	57.28	58.94	25.6	24.8	28.2	27	27.9	27.3	31.2	23.3	86	88	76	84	81	84	8.6
22	58.19	58.64	58.74	57.71	57.02	59.29	25.6	24.6	28.4	28.4	27.6	26.2	30.7	23.2	87	89	79	79	82	82	21.3
23	58.15	58.35	58.61	56.66	57.43	58.71	24.9	24	29	30.3	26.8	25.8	31.8	22.5	87	91	78	76	86	85	9.7
24	57.43	57.90	58.27	56.50	57.29	59.01	25.9	25.5	29	26.6	26	26.3	31.9	23.8	86	88	78	87	85	82	13.8
25	57.35	57.38	58.39	56.88	58.45	58.93	25.7	25.3	28.5	27	26.3	25.4	31.4	23.1	84	87	78	83	84	84	7.1
26	57.32	57.77	58.45	56	56.98	58.21	24	23.5	28.1	30	29.6	27	31.8	22.1	88	90	76	74	70	80	------
27	57.66	57.83	58.77	56.60	56.93	58.38	25.5	24.9	28.5	30	29.5	27.5	31.1	23.4	86	86	79	73	71	85	------
28	57.41	57.81	58.43	56.43	56.28	57.93	25.6	24.7	28.9	30.4	29.5	28	32.2	23.6	88	90	77	66	75	77	.5
29	57.24	57.45	58.33	56.30	56.83	58.22	26.2	25.3	28.9	29.5	28.5	28	31.4	24.1	85	92	78	75	78	77	------
30	57.67	57.73	58.61	56.13	56.61	58.18	26.2	25.5	27.3	28.1	28.8	27.3	31.8	23.6	80	84	85	79	82	81	5.8
31	57.10	57.43	58.02	55.93	56.68	58.12	25.8	25	28.3	30.5	28.9	27.8	32.8	23.3	85	88	77	74	78	76	------
Mean	58.23	58.42	58.96	57.11	57.54	59.10	26.2	25.5	28.6	29.5	28.5	27.2	31.2	23.7	84	86.6	76	72.8	77.1	80.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	165.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	1	SSW	2	WSW	3	SE	4	SSW	2	ESE	1	10	Ci.-S.	Cu. S	8	Ci.-S.	Cu. SW
2	SE	1	SE	1	SSE	3	SE	3	SE	3	NNW	2	7	Ci.-S.	------	7	Ci.-S.	Cu. SSW
3	SE	1	S	2	SSE	2	SSE	3	SSE	2	N	2	10	------	Cu.-N. SW	7	Ci.-S.	Cu. NE
4	NNE	1	SE	2	SSE	3	SSE	3	SSE	1	SE	2	5	A.-Cu. NE	Cu.	8	Ci.-S.	Cu. WSW
5	NNE	1	SSW	2	SSW	3	SSW	3	SSW	2	SW	2	6	Ci.-S.	Cu. NE	5	------	Cu. WSW
6	SW	1	SSW	1	SSW	3	SSE	3	SSE	2	SSW	1	7	A.-Cu. ENE	Cu. SSW	6	Ci.-S.	Cu. SW
7	NNE	1	NNE	1	SSE	2	SSE	3	SSE	1	SSW	1	7	A.-Cu. E	Cu. SW	7	------	Cu.-N. W
8	NNE	1	NNE	1	SE	3	SE	3	SE	1	SSW	1	6	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
9	NE	1	NNE	1	SE	3	SSE	2	SSE	1	SSE	1	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. SW
10	NNE	1	NNE	1	SE	3	SE	3	SE	3	N	1	8	------	Cu.-N. E	7	------	Cu. W
11	SE	1	NNE	1	SE	3	SE	3	SE	2	N	1	7	Ci.-S.	Cu. E	7	------	Cu.-N. E
12	N	0	NNE	1	SE	3	SE	2	SE	2	N	1	6	Ci.-S.	Cu.-N. ENE	7	------	Cu.-N. E
13	N	1	NNE	1	SE	3	NNE	2	NNE	2	NNE	1	8	------	Cu.-N. E	10	Ci.-S.	Cu.-N. E
14	WSW	1	SSW	1	SE	2	NNE	3	SE	1	NNE	1	10	------	N. SW	10	------	N. SW
15	NNE	1	NNE	1	SE	3	SE	4	SE	1	NNE	1	4	------	Cu. SW	6	------	Cu. W
16	NNE	1	SE	1	SSW	3	SSW	4	W	1	N	2	5	Ci.-S. E	Cu. SW	7	Ci.-S.	Cu. W
17	NNE	0	SE	2	SE	3	SSW	4	SE	0	SE	3	9	Ci.-S.	Cu. SW	8	Ci.-S.	Cu. SW
18	NNE	1	SE	2	SSW	3	SE	3	SSW	2	NNW	1	10	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. SW
19	SSW	1	SW	1	SE	3	SE	2	SE	1	NNE	1	10	------	N. SW	8	Ci.-S.	Cu. SW
20	NNE	1	SE	1	SE	4	SE	3	SE	1	N	2	4	------	Cu. SW	10	------	N. ENE
21	NNE	1	NNE	2	SE	2	WNW	2	WNW	1	N	2	5	------	Cu. E	10	------	N. E
22	NNW	1	NNE	1	SE	2	NNE	3	NNE	1	NNE	2	8	Ci.-S.	Cu. E	10	Ci.-S.	Cu.-N. ENE
23	NNE	1	NNE	1	SE	2	WNW	3	NNE	1	ENE	1	7	A.-Cu.	S.-Cu. SW	9	------	Cu.-N. E
24	N	1	NNE	1	SE	2	WNW	2	WNW	1	SSW	1	4	Ci.-S.	Cu.	8	------	Cu.-N. E
25	N	1	NNE	1	SE	3	NNE	1	ENE	1	N	2	5	Ci.-S.	Cu. E	10	Ci.-S.	N. E
26	NNE	1	NNE	1	SE	3	WNW	2	WNW	1	NNW	0	8	Ci.-S.	Cu. E	8	Ci.-S.	Cu. SSW
27	NNE	1	NNE	2	SE	2	SE	2	SE	1	N	1	4	Ci.-S.	Cu. E	6	------	Cu. E
28	N	1	SSW	1	SE	2	WNW	2	SE	1	NNW	2	7	Ci.-S.	Cu.-N. E	10	------	N. E
29	NNE	1	NNE	1	SE	2	SE	2	NNE	1	NNE	2	8	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
30	N	0	NNE	1	SE	2	WNW	2	SE	2	NNE	1	9	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
31	NNE	1	NNE	2	SE	2	SE	2	WNW	1	ENE	1	10	Ci.-S.	Cu. E	6	------	Cu. E
Mean	------	0.9	------	1.3	------	2.6	------	2.7	------	1.4	------	1.4	7.2	------	------	8.1	------	------

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.8 meters; gravity correction not applied, —1.86 mm.]

SEPTEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.35	57.25	58.05	56.08	57.07	58.98	26.3	25.5	29.2	27	26.8	25.7	30.8	23.7	86	91	76	84	90	84	14.7
2	57.49	57.40	58.33	56.21	56.95	58.43	25.3	24.6	27.5	29.2	26	25.8	30.2	22.5	86	91	83	75	88	84	21.7
3	57.56	57.80	58.68	56.48	57.08	59.05	24.9	24	27.8	28.5	27.5	26.8	31.2	22	87	89	81	75	77	80	1.9
4	58.05	58	58.11	56.47	57.20	59.10	26.2	25.8	28.5	28.2	26.5	25.7	31	24.5	85	88	70	72	82	83	1.5
5	58.48	58.48	58.75	56.73	58.20	59.73	25.8	25.5	27.4	28.4	24.2	25	30.3	23.5	81	81	70	62	90	91	3.6
6	57.79	58.06	58.93	56.27	56.53	58.08	25.5	25.4	27.6	30	28.1	27	31.6	24.2	88	83	67	69	77	84	------
7	57.95	57.25	58.07	56.30	56.30	58.07	26.8	26.3	28	30.4	29	28.5	31.1	25.3	80	70	76	67	67	75	1
8	56.95	57.20	58.06	56.27	57.18	58.10	26.8	26.5	28.9	29.7	25.3	25.7	30.5	24.3	71	80	76	63	77	76	2.5
9	57.20	58.01	58.13	56.27	56.97	58.37	26.2	26	28.5	30	29	27.5	31.4	24.3	79	80	64	65	65	81	------
10	57.99	58.34	58.50	56.60	57.15	58.87	26	27	29.5	31.6	29.3	27.7	32.5	25.9	91	84	72	59	69	79	------
11	57.37	58.09	58.27	57.05	57.08	58.69	26.8	26.9	29.8	28.2	27.2	27.1	31.7	25.6	82	84	68	67	77	74	2.8
12	57.57	57.15	58.02	55.82	56.12	58.03	26.8	26.5	28.5	31	28.5	27.2	31.5	25.7	82	84	74	64	77	79	.5
13	57.08	57.35	57.99	55.46	55.18	57.09	27	26.7	29.3	31	29.9	28	32.4	25.4	80	80	70	55	65	72	------
14	56.28	56.03	56.11	54.41	54.87	56.22	27.5	27.2	29.7	30.8	30.3	28.2	32.5	25.9	76	78	69	59	63	72	------
15	55.52	55.30	56.17	54.56	55.18	56.92	27.5	27.2	29.4	32	27.9	27.7	32.6	26.5	77	81	67	54	72	78	------
16	55.87	56.83	56.57	55.25	55.56	57.99	26.8	27.2	29.8	30.6	28.7	26.7	31.2	24.7	83	82	71	66	73	83	.8
17	57.30	56.90	58.61	56.64	57	58.30	26.6	26.5	26.4	28.1	26.6	26.7	29.3	24.7	84	86	81	73	77	79	.5
18	56.95	56.93	57.42	55.60	56.15	57.04	26.5	26.7	29.8	30.7	29	28.4	32.2	25.9	83	75	63	55	71	76	------
19	56.60	57.18	58	55.59	56.26	57.89	28	26.6	29.5	31	29	28.4	31.7	24.8	77	80	66	63	71	75	------
20	57.46	58.19	58.28	56.68	57.43	58.61	27.3	26.6	29.7	29.2	29	28.4	31.2	24.8	75	77	73	75	78	79	------
21	57.83	58.50	58.79	56.76	57.90	59.16	26.6	25.8	29	30	29	27.8	31.4	24.2	81	84	72	73	74	79	------
22	58.89	59.44	59.70	57.61	57.82	59.34	26.5	25.9	29.8	30.4	27.8	27.6	33.5	24.3	81	84	73	69	79	77	10.4
23	58.87	58.80	59.92	57.97	58.32	58.99	26.5	25.6	28.2	27.6	26.7	25.8	29.4	23.3	80	84	80	79	83	88	127.5
24	59.36	58.85	59.30	57.43	58.08	59.25	23.2	23.6	26.4	29.9	27.3	26.2	31.5	21.7	91	90	84	75	70	85	------
25	58.31	58.15	58.98	56.88	56.72	58.93	26	25.9	28.6	30	28.3	27.9	31.2	25.1	85	84	69	61	75	73	------
26	58.12	58.55	60.07	57.70	58.99	60.93	27.2	26.5	28.4	30.9	27.9	27	32.3	25.9	78	82	74	59	71	75	------
27	60.89	60.96	62.10	59.20	59.95	61.53	26.3	25.8	28.6	30.3	29	27.6	32.2	24.3	77	78	76	66	69	78	------
28	60.19	60.84	61.12	58.07	58.07	59.36	26.6	25.7	28.2	28.7	27.8	27	31	23.7	82	82	77	73	79	84	8
29	58.03	57.88	58.13	55.18	55.68	57.15	26	25.2	28.2	29.7	27.5	26.3	31.6	23.7	87	90	82	74	76	79	4.6
30	56.60	56.88	57.82	55.03	56.19	57.25	25.4	24.5	28.5	28.3	27.7	26.1	31.1	23.8	85	92	77	79	82	82	23.1
Mean	57.73	57.89	58.50	56.42	56.97	58.52	26.4	26	28.6	29.7	27.9	27	31.4	24.5	82	83.1	73.4	67.7	75.5	79.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	225.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	1	NNE	2	SE	2	ENE	2	NNE	1	NNE	1	9	Ci.-S.	Cu. E	8	------------	Cu.-N. E
2	NNW	1	NNE	1	SE	2	WNW	2	WNW	1	N	1	10	------------	N. E	10	------------	Cu.-N. E
3	N	1	NNE	1	WNW	2	SE	2	WNW	1	SSW	1	10	------------	N. E	9	------------	Cu.-N. E
4	SSW	0	SSW	1	SSW	3	SW	4	SSW	3	SW	4	10	A.-Cu.	Cu.-N. SW	10	------------	Cu.-N. SW
5	SW	1	SW	4	SE	2	SW	4	WSW	4	SW	1	10	------------	Cu.-N. SW	10	Ci.-S.	Cu.-N. SW
6	SW	0	SSW	1	SW	2	SSW	2	SSW	3	SE	1	8	------------	Cu.-N. SW	10	A.-S.	Cu.-N. SW
7	SSW	1	SW	2	SSW	2	SE	2	S	3	SSW	3	10	------------	Cu.-N. SW	10	Ci.-S.	Cu. SW
8	SE	3	SE	2	SSW	3	S	4	WSW	3	SSW	0	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu. SW
9	SE	2	SSW	2	SSW	3	SSW	3	SSW	3	E	2	9	A.-Cu.	Cu. SW	10	Ci.-S.	Cu. SW
10	SSW	1	SW	1	SW	4	SSW	4	SW	2	SE	1	10	Ci.-S.	Cu. SW	8	Ci.-S.	Cu. SW
11	SW	1	SE	1	SW	3	WNW	6	SW	2	SW	1	8	A.-Cu.	Cu. SW	10	Ci.-S.	N. SW
12	SE	1	SE	3	SE	3	SE	3	SSW	3	SW	1	10	Ci.-S.	Cu. SW	9	Ci.-S. E	Cu. SW
13	SSW	1	SSW	1	SE	3	SSW	4	WNW	1	N	1	8	------------	Cu.-N. SW	7	------------	Cu. SW
14	SE	1	SSW	2	SE	2	SW	5	SSW	1	SW	2	4	Ci.-S.	Cu. SSW	7	Ci.-S.	Cu. SW
15	SE	1	SSE	4	SW	5	SW	5	SW	5	SW	2	7	Ci.-S.	Cu. SW	8	Ci.-S.	Cu. SW
16	SSE	1	SE	1	SSW	4	SW	4	SSW	4	WNW	2	9	A.-Cu.	S.-Cu. SW	10	Ci.-S.	Cu. SW
17	SW	1	SSW	1	WNW	3	SW	3	SW	3	SW	2	10	A.-S.	Cu.-N. SW	10	A.-S.	Cu.-N. SW
18	SE	2	SE	2	SW	3	SW	4	WNW	1	SW	1	10	A.-S.	S.-Cu. SW	10	------------	Cu. SW
19	NE	0	SE	1	SW	4	SE	3	SE	1	N	1	7	A.-Cu.	Cu. SW	9	Ci.-S.	Cu. SW
20	NE	0	SE	1	SW	3	SE	1	WNW	1	WNW	1	8	------------	Cu.-N. SE	9	Ci.-S.	Cu.-N. ESE
21	N	0	NNE	1	SE	2	ESE	2	SE	1	N	1	7	------------	Cu. ESE	9	Ci.-S.	Cu.-N. E
22	E	2	ENE	1	WNW	2	SE	3	SE	1	N	1	5	Ci.-S.	Cu. E	10	------------	N. E
23	SW	1	SE	2	WNW	2	ENE	1	SE	1	SW	1	10	A.-S.	Cu.-N. E	10	A.-S.	Cu.-N. E
24	SE	2	NE	1	SE	2	SE	3	SSW	3	SSW	1	10	------------	Cu.-N. SW	8	------------	Cu. SW
25	SW	0	SW	3	SE	3	SW	5	SW	1	N	1	8	A.-Cu.	Cu. SW	6	A.-Cu.	Cu. SW
26	SE	2	SSW	1	SSW	3	SSW	3	WNW	2	N	1	10	A.-Cu.	Cu.-N. SW	10	Ci.-S.	Cu. SW
27	SE	1	NNE	1	SE	2	SE	2	SE	1	N	2	10	A.-S.	Cu.-N. SW	8	Ci.-S.	Cu.-N. SW
28	NNE	1	SSW	1	SW	1	WNW	2	SW	0	SE	1	10	A.-S.	Cu.-N. NNE	10	A.-S.	Cu.-N. ENE
29	SE	1	SE	1	WNW	1	SE	3	SE	1	N	1	8	A.-S.	Cu.-N. NE	9	------------	Cu.-N. NNE
30	NNE	1	NNE	1	WNW	2	WNW	2	SE	1	ENE	1	10	------------	Cu.-N. NNE	10	------------	Cu.-N. NE
Mean	------	1	------	1.6	------	2.6	------	3.1	------	1.9	------	1.3	8.8	------------	------------	9.1	------------	------------

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.8 meters; gravity correction not applied, —1.86 mm.]

OCTOBER, 1909.

Day.	Atmospheric pressure, 700 mm.+[a]						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.65	57.73	58.56	56.50	57.43	58.94	25.3	24.6	27.7	29.8	27.6	26.3	30.7	23.2	86	89	81	74	77	82	------
2	58	58.10	58.26	56.27	57.06	58.73	26	26.3	28.7	29.7	28.3	27.4	30.5	25.7	87	79	70	64	68	78	------
3	57.43	58.08	58.29	56.03	57.89	58.90	27.2	27	28.8	30.5	26.8	26.8	30.9	25	88	78	71	57	82	80	2.5
4	57.50	58.75	58.55	55.68	55.92	57.02	25.7	24.9	26.7	28.4	28.2	27	30.4	24.3	84	87	80	69	70	78	------
5	56.64	56.87	57.76	55.05	56.03	57.28	27	26.6	28.7	30	28	27.4	31	25.8	81	83	73	64	70	76	------
6	56.81	56.80	58.11	56.86	56.93	58.62	27.3	26.6	28.5	29	27.5	26.4	31.7	24.9	79	82	74	69	78	81	5.7
7	57.78	58.40	58.62	56.98	57.03	58.88	26.3	26	29.2	29.9	28.5	26.8	30.7	24.9	82	84	76	69	81	78	------
8	58.75	58.81	59.27	56.97	58.13	59.93	26.4	25.6	29	29.2	26.8	25	31.6	22.2	80	83	78	75	80	83	65.3
9	58.71	59.08	59.74	56.51	57.43	59.19	24.8	24.4	27.8	29.5	27.7	24.8	30.3	22.2	86	88	81	79	84	87	15.2
10	58.86	58.90	58.94	55.93	56.88	58.05	24.7	24.3	27.5	29.6	27.5	26.5	32.6	22	87	90	77	72	80	86	.5
11	56.52	57.51	58.08	56.13	57	58.97	26	25.2	28.5	30.6	28.5	27.5	31.5	23.6	87	87	79	67	83	88	21.3
12	58.45	59.14	59.57	57.38	57.86	59.37	26	24.6	28.4	29.2	29	27.6	31.3	22.4	79	83	78	79	75	82	1
13	58.50	59.16	59.63	56.87	57.16	58.90	25.7	25.1	27.8	27.8	27.7	26.5	32.4	23.5	83	84	82	82	70	84	1.3
14	57.85	58.05	58.38	55.93	56.04	57.58	26	25.2	28.9	30	28.3	26.5	32.9	23.7	86	88	78	74	82	84	------
15	56.78	56.54	57.19	54.86	55.22	56.23	25.2	24.5	28.9	29.8	28.9	27.7	32.8	22.4	86	87	74	71	77	82	------
16	55.85	55.82	56.06	54.06	54.08	55.29	26.5	25.6	29.3	31	28.9	27.7	32.8	23.8	84	87	70	67	75	79	------
17	55.10	55.09	55.52	53.78	54.19	55.98	27.5	27.2	29.3	30.4	28.8	27.8	31.2	26.7	82	84	72	63	71	82	19.8
18	55.90	56.29	56.60	53.58	54.01	55.86	26.6	25.5	29.4	30.9	29	27.3	32.1	24.8	86	91	76	60	73	81	1
19	55.30	55.78	56.83	54.56	54.92	56.54	27.2	27	29.8	31.3	28.8	28	33.7	25.6	82	83	74	68	75	81	------
20	55.91	56.95	57.53	55.04	55.90	57.83	27	26	30	31.5	29.2	28.2	32.8	24.7	82	82	69	71	80	81	------
21	57.15	58.30	58.50	55.92	56.87	57.88	26.4	25.6	28.9	30.4	28.4	27.8	34.4	24.3	86	87	78	75	83	80	2.3
22	57.12	57.75	58.07	55.25?	55.80	56.97	26.7	26	29.3	31.8	28.7	27.8	34.7	23.8	82	83	74	62	78	85	------
23	55.40	55.26	56.26	55.24	55.93	57.22	27.2	26.5	29.8	28	28	27	31.7	25.1	86	86	63	76	81	80	------
24	56.19	57.19	58.16	55.93	57.17	58.57	27.3	26.9	29	29.8	28.2	27.2	30.2	26	81	83	74	69	80	78	------
25	57.85	58.34	59.09	56.08	56.94	58.19	26.2	25.4	29	29.3	27.1	27.2	31.3	24.1	82	86	74	79	86	83	11.7
26	57.28	57.86	58.36	56.19	56.98	58.25	26.2	25.2	27.7	25.8	26.8	26.5	29.1	24.1	85	88	82	89	84	88	14.5
27	56.60	56.38	57.06	54.43	55.22	56.24	26	25.2	28.5	28.3	26.7	26.1	31.3	24.2	89	90	68	80	89	85	4.4
28	55.35	55.82	57.28	55.96	55.98	58.09	26	25.9	28.4	27.6	27.3	27.2	29.1	24.5	86	87	76	73	80	83	------
29	56.95	57.60	58.22	56.20	57.03	58.09	26.5	25.7	29.2	28.2	27.5	26.5	31.6	24.2	86	90	77	75	84	86	------
30	57.20	57.68	57.66	55.53	55.90	58.12	25.7	25	29.3	30.8	27.3	26.6	33.1	23.7	85	85	76	72	76	77	------
31	57.75	58.08	58.27	56.48	57.15	59.17	25.8	25	29	30	29	26.8	33.4	23.9	84	92	71	71	78	82	------
Mean	57.07	57.49	58.01	55.74	56.39	57.90	26.3	25.6	28.7	29.6	28	27	31.7	24.2	84.2	85.7	75	71.5	78.4	81.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	166.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		0–12		0–12		0–12		0–12		0–12	0–10			0–10		
1	SW	3	SE	1	SE	2	SE	3	SSW	3	WNW	4	10	------------	N. SE	8	Ci.-S.	Cu.-N. SW
2	SE	3	SE	2	SE	3	SW	4	SW	3	SW	3	7	------------	Cu.-N. SW	8	Ci.-S.	Cu. W
3	SE	4	SSW	4	SW	4	SW	5	SSW	2	SSW	3	10	A.-S.	Cu.-N. SW	10	A.-S.	Cu. SW
4	NNE	1	SSW	2	SSW	3	SW	4	SW	2	SW	0	10	------------	N. SW	10	A.-S.	Cu.-N. SW
5	SW	1	SSW	1	SW	4	SSE	5	SW	2	SW	2	9	------------	Cu.-N. SW	9	A.-S.	Cu.-N. SW
6	SSW	2	SE	1	SSW	4	WSW	2	SE	2	SE	1	10	------------	Cu.-N. SW	10	------------	Cu.-N. SW
7	SE	1	SE	1	SE	3	SE	2	SE	2	WNW	1	9	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. SW
8	WNW	1	SE	1	SSW	2	SE	1	SSW	2	SE	1	7	A.-Cu.	Cu.-N. SW	8	Ci.-S.	Cu.-N. ENE
9	NNE	1	NNE	1	SE	2	WNW	2	SE	1	SSW	1	10	------------	Cu.-N. SW	10	A.-S.	Cu.-N. W
10	SSW	2	E	2	SSW	2	SE	2	ESE	1	S	2	10	Ci.-S.	N. SW	8	------------	Cu.-N. NE
11	SSE	0	SE	1	SE	2	SW	2	WNW	1	NNW	1	7	Ci.-S.	Cu.-N. ESE	8	------------	Cu.-N. ESE
12	Calm	----	SE	1	SE	2	SE	2	SE	1	N	0	8	------------	Cu.-N. E	10	------------	N. SE
13	N	1	NW	1	WNW	2	SE	2	SE	1	SSW	1	6	Ci.-S.	Cu.-N. E	8	------------	Cu.-N. NNE
14	NNE	1	NNE	2	WNW	2	SE	2	SE	1	NNE	1	8	Ci.-S.	Cu. E	8	Ci.-S. SW	Cu.-N. E
15	NNE	1	ENE	1	WSW	2	SE	2	SE	1	N	2	7	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. N
16	N	0	SE	1	SSW	2	SSW	3	SSW	1	SSW	2	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu. NNE
17	SSW	1	SSW	4	SW	6	SSW	6	SSW	1	SW	2	10	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. WNW
18	SW	1	SE	1	SSW	2	SW	3	SE	1	SE	1	10	------------	Cu.-N. SW	8	Ci.-S. NNE	Cu. SW
19	SE	1	SE	1	WNW	3	SE	2	WNW	2	NNE	1	8	Ci.-S.	Cu.-N. SW	8	Ci.-S. ENE	Cu. SW
20	NNE	1	NNE	1	SW	2	SE	2	SE	1	NNE	1	6	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. SW
21	SE	1	SE	2	WNW	2	SE	3	SE	1	ENE	2	8	Ci.-S. NNE	Cu. SW	8	Ci.-S.	Cu.-N. NNE
22	SE	1	SE	1	WNW	2	WNW	2	WSW	2	WSW	3	10	Ci.-S. E	Cu. SW	9	Ci.-S.	Cu. NNE
23	SW	2	WNW	3	WSW	3	SSW	3	SSW	2	SSW	3	10	Ci.-S. SSW	Cu. E	10	Ci.-S.	Cu.-N. SW
24	SSW	1	SE	2	SE	3	SE	3	NNE	0	N	2	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. SW
25	N	0	NW	1	SE	3	WNW	3	SE	2	WNW	1	10	Ci.-S.	Cu.-N.	10	------------	N. WNW
26	N	1	SE	1	SE	3	WNW	2	Calm	----	N	1	10	Ci.-S.	Cu.-N. SE	10	------------	N. SW
27	NNE	1	NNE	2	SE	2	SE	2	N	1	N	2	8	Ci.-S. SSW	Cu. NE	10	Ci.-S.	Cu.-N. ENE
28	NNE	1	SE	1	SE	3	SE	3	SE	3	SE	4	10	Ci.-S.	Cu.-N. E	10	------------	N.
29	NNE	1	E	1	SE	2	NE	2	NNW	1	N	2	10	------------	Cu.-N. SW	10	Ci.-S.	Cu.-N. ENE
30	NNE	1	NNE	1	SE	3	WNW	3	SE	1	N	3	8	Ci.-S.	Cu. SE	8	Ci.-S.	Cu.-N. E
31	N	1	SSW	1	WNW	2	WNW	3	SE	1	N	1	9	Ci.-S.	Cu.-N. SE	9	Ci.-S.	Cu.-N.
Mean	------	1.2	------	1.5	------	2.6	------	2.7	------	1.5	------	1.7	8.9	------------	------------	9.1	------------	------------

[a] The barometric readings of this station from October 19 to December 31 seem to be about 0.50 mm. too low.

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.8 meters; gravity correction not applied, —1.86 mm.]

NOVEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	
1	58.48	58.44	59.17	56.53	57.13	58.20	25.3	24.5	29.8	27.3	27.4	26.2	31.7	22.6	84	87	75	85	87	86	16
2	57.78	58.43	58.37	55.42	56	57.52	25.5	24.8	27.4	29.9	28.1	26.5	32.7	22.2	87	87	81	74	83	79	1.2
3	56.90	57.46	57.96	55.27	56.06	57.19	25.8	24.9	28.6	27.8	27.8	27.5	32.9	23.1	84	88	75	83	81	81	1.7
4	56.25	57.01	57.46	54.65	55.15	56.79	26.3	25.5	28.5	27.5	27.5	26.9	31.5	24.1	84	88	81	84	85	87	5.8
5	55.16	55.44	56.29	54.20	54.20	55.18	26.3	25.6	26.5	27.8	27.8	26.9	28.8	24.5	88	89	88	81	76	77	45.1
6	53.26	52.96	53.64	51.32	52.46	54.36	25.5	24.7	25.8	26.4	25	25.5	27.9	23.7	84	87	88	82	87	91	9.6
7	54.34	55.52	57.18	54.87	55.18	57.14	25.8	26.3	27.5	29.3	28.5	26.8	29.7	23.6	88	86	81	74	81	76	------
8	56.24	57.18	58.02	54.86	55.31	57.95	25.5	24.7	28.4	30.4	28.7	27	30.9	23.3	84	89	80	73	77	84	66
9	58.19	58.16	58.68	57.04	57.58	58.87	26	25.3	27.7	28.5	27.8	27	30.5	23.3	88	91	84	78	86	87	37
10	58.28	59.23	59.98	56.97	57.98	59.63	25.3	24.6	27.9	29.4	27	26	31.3	22.6	83	87	83	71	86	88	18.5
11	59.35	59.80	60.88	58.20	58.08	60.13	25.4	24.5	25.4	26.7	25.5	25.1	28.9	22.8	87	87	92	82	88	88	3.6
12	58.58	59.14	59.36	57.81	58.24	59.88	24.8	24.5	28.3	25.5	26.7	25.5	30.9	23.5	90	91	80	90	87	91	14.2
13	59.18	58.49	58.93	57.03	57.16	58.25	25.2	24.6	28.2	30.4	27.5	26.4	33.5	23.1	88	87	79	68	83	84	1.3
14	56.53	56.01	56.24	53.35	53.96	54.63	26.5	26.9	27	27.7	27	26.5	30.2	24	82	79	80	77	73	76	.3
15	54.21	55.01	55.83	53.20	54.49	56.28	26.3	26	28.1	27.5	27.2	24.9	29.5	24.6	78	79	80	84	84	88	8.4
16	56.10	56.41	56.28	54.19	55.25	56.68	25	24.8	28.4	30.1	27.2	27.2	30.7	23.5	88	89	75	69	84	83	------
17	55.98	56.09	56.94	54.76	55.12	56.12	27	26.9	28.7	29.8	28.7	27.9	30	25.7	84	85	80	75	75	82	------
18	56.23	56.48	57.18	55.17	56.03	57.18	26	25.2	28.4	29.4	27.3	26.9	30.4	24.9	82	84	72	70	77	80	------
19	56.83	57.09	57.23	54.98	55.34	56.93	26.4	26	28.2	29.8	28.3	27.2	30.7	25.5	82	83	77	73	82	84	------
20	56.15	56.51	57.87	55.13	56.23	57.87	26.3	25.5	28.5	30.5	29	27.8	31.1	23.6	83	83	74	68	76	82	------
21	57.08	58.08	59.13	57.04	57.65	59	26.8	25.9	28.1	28.7	28.2	26.3	31.8	23.9	86	90	79	73	83	82	------
22	58.53	58.95	59.16	56.23	56.86	58.13	24.7	23.9	29.4	30.4	28.8	26.2	32.6	22.7	91	91	76	74	80	89	1.8
23	57.55	58	58.31	56.27	56.56	57.98	25.4	24.6	29	27.6	28	26.3	31.1	23.2	88	87	74	86	81	86	31.5
24	56.93	57.90	58.16	55.46	56.14	57.55	25.5	24.7	28.9	29.9	28.1	26.4	31.2	23.1	87	86	76	71	82	82	5.1
25	57.04	57.69	58.24	55.55	56.31	57.24	25.2	24.1	27.7	29.6	27.5	26.2	31.2	21.6	82	86	70	67	81	81	.8
26	56.98	57.18	58.02	55.69	56.06	57.13	25.5	24.7	28.5	28.4	28.4	25.8	31.2	23.3	84	88	68	75	80	85	.3
27	57.63	57.64	58.39	56.78	57.18	58.34	25.3	25	28.4	26.5	26.8	25.8	29.5	23.1	84	80	77	86	89	85	12.4
28	57.98	58.59	59.69	57.13	57.67	58.51	25.3	24.4	26.5	28.5	26.8	25	31.1	23	88	91	84	74	82	83	------
29	58.14	58.60	59.42	57.16	57.28	58.27	24.8	24.2	28.3	29.2	27.3	27	30.7	23	85	86	73	66	82	79	------
30	58	58.24	59.09	56.86	57	58.18	25.4	24.5	29.2	29.2	28.5	25.4	31	23.3	84	87	72	78	76	89	1
Mean	57	57.39	58.04	55.64	56.19	57.57	25.7	25.1	28	28.7	27.6	26.4	30.8	23.5	85.2	86.6	78.5	76.4	81.8	83.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	281.6

Day.	Wind.											
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*
1	SE	1	SE	1	WNW	1	WNW	1	NNE	1	NNE	2
2	NNE	1	SSE	1	WNW	2	SE	4	SE	1	NNE	2
3	NNE	1	NNE	1	SW	2	SE	2	SE	2	NNE	1
4	N	1	SE	1	SW	2	SE	1	SE	2	N	1
5	N	0	NNE	1	WNW	3	WNW	3	WNW	5	WNW	5
6	WNW	5	WSW	5	SW	6	SSW	6	SSW	5	SSW	5
7	SSW	5	SE	6	SE	5	SE	3	SW	2	NNE	2
8	NNE	1	SE	2	SE	2	SE	2	SE	1	WNW	1
9	NNE	1	NNE	1	SW	2	SE	1	WNW	1	N	1
10	NNE	1	ENE	2	SE	2	WNW	2	NE	1	SW	1
11	NNE	1	ENE	1	SE	1	WNW	2	WNW	1	NW	2
12	N	1	NNE	1	SE	2	SE	1	SE	1	ENE	2
13	SE	1	SE	1	WNW	2	WNW	3	N	1	N	1
14	WNW	2	WNW	4	WNW	3	NNW	3	WSW	3	SW	3
15	SW	4	SW	2	SSW	4	SSW	3	SSW	2	SSW	2
16	SE	1	SE	2	SSW	3	SE	2	SSE	3	N	1
17	SE	1	SE	3	SE	3	SE	3	SE	2	SE	2
18	S	1	SSW	2	SSW	5	SSW	4	SSW	2	WNW	2
19	SSW	1	SSW	1	SE	2	SE	3	SE	1	WNW	1
20	SE	1	SE	1	SE	2	SE	2	SE	1	SE	2
21	SE	1	SE	1	SE	2	NNE	2	SSW	0	N	2
22	WNW	1	WNW	1	SW	2	SE	2	NE	1	NE	2
23	NNE	1	NNW	1	SE	2	SSW	2	NNW	2	ESE	1
24	NNE	1	ENE	2	SE	2	SE	3	NNW	1	WNW	1
25	WNW	1	NNW	1	ENE	2	SE	2	SE	1	NNW	2
26	N	0	SE	1	SE	2	SE	2	SSW	1	NNE	1
27	NNE	1	NNE	1	ESE	2	ENE	1	NNW	1	N	1
28	NNE	1	ENE	1	SE	1	ESE	1	NNE	1	NNE	1
29	NNE	1	ENE	1	NNE	2	NNE	1	NNE	1	N	1
30	NNE	1	ENE	2	SE	2	SE	4	ENE	2	SE	1
Mean	------	1.3	------	1.7	------	2.4	------	2.4	------	1.6	------	1.7

Day.	Clouds.					
	6 a. m.			2 p. m.		
	Amount.	Form and direction.		Amount.	Form and direction.	
		Upper.	Lower.		Upper.	Lower.
	0–10			*0–10*		
1	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	N. E
2	9	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu. WNW
3	7	------	Cu.-N. NE	7	------	Cu.-N.NE
4	10	Ci.-S.	Cu.-N. SE	10	------	N. WNW
5	10	Ci.-S.	Cu.-N. N	10	Ci.-S.	Cu.-N. E
6	10	Ci.-S.	N. NNW	10	Ci.-S.	Cu.-N. SW
7	10	Ci.-S.	Cu.-N. S	8	------	Cu.-N. SSW
8	10	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu. E
9	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N.NE
10	10	Ci.-S.	N. E	8	Ci.-S.	Cu.-N. W
11	10	------	N. WNW	10	Ci.-S.	Cu.-N. SE
12	10	Ci.-S.	Cu.-N. WNW	10	------	N. SSW
13	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu.-N. ENE
14	10	Ci.-S.	Cu.-N. NNW	10	Ci.-S.	Cu.-N. WNW
15	8	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. SSW
16	10	------	Cu.-N. SW	7	Ci.-S.	Cu. SW
17	10	------	Cu.-N. SSE	8	Ci.-S.	Cu. SW
18	8	------	Cu.-N. S	10	------	Cu. SW
19	8	Ci.-S.	Cu. S	9	Ci.-S. E	Cu. SSW
20	7	Ci.-S. E	Cu. SE	8	Ci.-S. NNE	Cu.-N. WSW
21	8	Ci.-S.	Cu.-N. ESE	9	Ci.-S.	Cu.-N. E
22	7	Ci.-S.	Cu.-N. SE	10	Ci.-S.	N. E
23	8	Ci.-S.	Cu.-N. ESE	8	------	Cu.-N. E
24	7	Ci.-S.	Cu.-N. SE	10	------	N. N
25	8	Ci.-S.	Cu. SE	9	Ci.-S.	Cu.-N. ENE
26	8	------	Cu.-N. E	10	------	Cu.-N. E
27	8	Ci.-S.	Cu.-N. SE	10	------	Cu.-N. NNW
28	10	Ci.-S.	Cu.-N. SE	10	Ci.-S.	Cu.-N.NE
29	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu. E
30	7	Ci.-S.	Cu. SE	8	Ci.-S.	Cu.-N. E
Mean	8.9	------	------	9.1	------	------

TAGBILARAN.

[ϕ=9° 38′ N ; λ=123° 51′ E ; barometer above sea, 21.8 meters ; gravity correction not applied, —1.86 mm.]

DECEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.88	58.41	58.12	56.15	56.40	58.25	25.2	24.7	29.4	30	28.9	26.4	31.5	23.3	86	88	70	67	71	84	------
2	57.21	57.30	58.12	55.27	55.22	56.98	25.7	24.9	26.7	29.3	28.2	26.6	31.5	23.5	84	89	74	70	79	83	------
3	55.89	56.10	56.92	53.93	55.07	55.94	25.5	24.8	28.7	30.7	28.6	27.5	32.2	23.8	86	89	73	66	73	77	------
4	55	55.21	55.25	53.09	53.44	55.08	25.7	24.9	26.6	29.5	27.3	26	31.4	23.6	81	84	76	76	82	85	8.9
5	54.41	55.15	56.24	54.22	55.15	56.30	25.8	25.5	27.5	29	26.8	25.8	30.7	23.8	84	84	73	63	77	72	------
6	56.05	56.89	57.30	54.07	55.25	56.80	25	24.2	27.2	27.5	26.9	26	29.1	22.8	77	82	73	66	80	84	------
7	55.09	55.93	57.20	54.97	55.50	57.07	25.5	24.8	24.8	24.5	24.2	23.7	26.1	22.7	87	91	89	88	86	89	99.1
8	55.95	55.96	56.51	54.38	55.53	57.19	23.7	23.7	26.8	28.2	27.3	26.2	29.9	22.6	88	90	77	72	78	82	.8
9	56	56.55	57.68	55.17	55.85	57.04	24.9	24	28	29.2	27.7	26.6	31.1	22.7	84	87	79	73	79	83	------
10	56.35	56.94	57.74	55.19	55.84	57.05	25.5	24.6	27.4	29.5	28	26.2	30	22.3	84	89	84	76	77	86	1.3
11	56.11	57.28	58.18	55.59	56.78	58.50	25.8	25	26.2	28.7	26.9	26	30.1	23.1	88	91	88	74	79	85	6.1
12	57.98	57.24	58.33	55.96	56.84	59.05	25.2	24.3	27.1	28	26.7	23.5	28.8	23.2	88	89	81	77	82	91	65
13	58.04	58.50	59.23	56.51	57.13	58.28	23.7	24.5	27.8	29.8	27.3	26.4	31.3	22.3	91	85	77	73	85	80	------
14	58.15	58.10	58.49	57.18	57.23	58.69	25.1	24.3	28	27.3	26.2	26	30.5	22.6	85	89	76	84	87	85	3.3
15	58.25	58.52	59.38	57.20	57.92	59.88	24.2	23.4	26.7	30	27	25.3	31.6	20.7	86	88	75	71	81	84	15.7
16	59.38	59.19	59.33	57.17	57.17	58.55	25.1	24.2	27.5	28	27.4	26.5	30.5	23.1	85	91	82	80	81	85	------
17	58.31	58.19	58.67	56.10	57.18	58.26	25.8	25	27.5	28.7	27.2	24.9	31.5	21.6	85	87	81	64	75	83	34
18	57.27	57.39	58.46	56.15	56.24	57.05	24.5	24	24.4	24.5	25.2	25	26	21.2	87	91	87	87	86	83	5.3
19	55.32	56.39	56.95	55.33	55.50	57.11	24.5	23.7	23.9	22.5	22.4	23	24.5	21	85	86	82	89	91	87	42.2
20	56.71	57.02	57.16	55.17	55.51	56.03	22.8	22.5	24.5	24.5	24.5	25.1	26.7	21	89	91	75	79	89	88	47.2
21	55.40	55.52	56.30	54.64	55.45	56.43	24.5	24.5	26	25.3	25.5	25.5	26.9	22.8	90	89	91	85	92	90	20.3
22	55.97	56.71	57.30	54.94	56.18	57.60	25.1	25	27.5	29.5	26.6	26.5	30	23.5	91	92	84	75	91	84	18.8
23	57.65	57.86	58.42	56.11	57.14	58.65	25.5	24.3	27.6	29.5	27.2	25.7	30	22.1	88	89	81	75	88	90	------
24	57.24	58.41	59.21	57.11	57.83	59.29	24.8	24	28.2	29.2	27.2	25	32.1	22.1	89	91	82	74	79	86	------
25	58.58	59.33	60.22	57.52	58.19	59.99	24.8	24.6	27	28.3	27.6	26.2	30.4	23	89	91	80	77	84	84	------
26	58.98	59.79	59.90	58.27	59.49	60.78	25.2	24.4	26	27	26.7	25.4	30.4	23.5	86	90	75	88	84	86	1.8
27	59.98	61.19	61.89	59.60	60.17	61.08	25.3	25	24.7	26.4	26.2	25.2	28.4	22.6	84	80	89	82	83	86	7.4
28	60.24	60.40	61.13	58.64	59.12	60.57	24.8	24.2	27.2	29	27.7	26	30.7	22.6	85	88	77	68	76	81	------
29	59.86	60.15	60.54	58.22	58.64	59.53	24.8	24	27.5	28.5	27.5	26.2	31.3	22	85	89	73	78	83	82	------
30	58.58	59.16	59.14	56.41	57.07	58.90	25.3	24.4	27.5	28.8	27.4	25.9	30	22.8	85	87	79	76	80	78	------
31	57.83	57.79	58.30	56.33	56.13	57.88	25.4	24.6	26.5	27.2	27.5	25.3	30	22	82	85	80	84	81	81	5.3
Mean	57.28	57.70	58.31	56.02	56.65	58.04	25	24.4	27	28	26.8	25.7	29.8	22.6	86	88.1	79.5	76	81.9	84	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	382.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	1	NNW	1	ESE	2	SE	2	N	1	N	1	8	Ci.-S.	Cu. ENE	8	------------	Cu.-N. E
2	N	1	NNW	1	ESE	2	SE	2	N	1	SE	1	8	Ci.-S.	Cu. NE	10	Ci.-S.	Cu.-N. ENE
3	NNE	0	ENE	1	WSW	2	SE	2	SSW	1	NE	1	8	A.-Cu.	Cu.-N. E	8	Ci.-S.	Cu.-N. NE
4	NNE	1	NNE	1	WNW	3	SE	2	SE	2	N	2	9	Ci.-S.	Cu.-N. SE	10	Ci.-S.	Cu.-N. E
5	N	0	NNE	1	NNE	1	NE	3	N	2	N	3	10	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.
6	N	2	NNE	1	SE	2	NNE	2	NNE	1	NNE	1	10	A.-S.	Cu.-N. NW	10	Ci.-S.	Cu.
7	WNW	0	WNW	1	WSW	2	WNW	2	NNE	2	N	1	10	Ci.-S.	N. NNW	10	------------	N. WNW
8	SSW	1	SE	2	SW	2	SE	3	SE	2	NNW	0	10	A.-S.	Cu.-N. SSW	10	A.-Cu. SE	Cu. ESE
9	NNE	1	SE	1	SW	2	SE	2	SE	1	N	1	8	Ci.-S. SE	Cu.-N. SSW	10	Ci.-S.	Cu.-N. ENE
10	N	1	NNE	2	SE	2	SE	3	SE	2	NNE	2	8	Ci.-S. E	Cu.-N. SSW	8	Ci.-S.	Cu.-N. ENE
11	SSW	1	SSE	1	ESE	2	SE	1	ENE	1	NNE	1	10	------------	N. SSW	10	Ci.-S.	Cu. ENE
12	NNE	1	NE	1	SE	2	SE	2	SE	1	SSW	2	10	Ci.-S.	Cu.-N. SE	9	A.-Cu.	Cu. SW
13	SW	1	SW	1	ENE	1	WNW	2	NNE	2	N	2	10	Ci.-S.	N. SW	10	Ci.-S.	Cu.-N. SW
14	NNE	1	SE	1	SE	2	WSW	2	Calm	----	N	2	8	Ci.-S.	Cu.-N. SSW	10	Ci.-S. E	Cu.-N. SW
15	S	2	NNE	1	SE	1	WNW	2	SE	2	NNW	2	6	Ci.-S. E	Cu. SSW	7	Ci.-S. SE	Cu.-N. ENE
16	ENE	2	NNE	1	NNE	2	SE	3	SE	2	ENE	2	10	------------	Cu.-N. ENE	10	------------	Cu.-N. NNE
17	WNW	1	WNW	1	SE	2	NNE	2	NNE	1	N	2	10	------------	Cu.-N. E	10	Ci.-S.	Cu.-N. ENE
18	WNW	1	ENE	1	NNW	2	NNW	2	WNW	5	NW	4	10	------------	N. NW	10	------------	N. NNE
19	NW	4	NW	5	NW	6	NW	6	NW	5	NW	5	10	------------	N. NW	10	------------	N. NNW
20	NW	3	NNE	1	SSW	3	NNW	2	SSW	3	SSW	3	10	------------	Cu.-N. WNW	10	------------	N. NNW
21	SSW	2	SE	2	SSW	2	SSW	2	SE	2	SE	1	10	------------	Cu.-N. SSW	10	------------	N. SW
22	SSW	3	SE	1	SE	2	SE	3	SE	1	SSW	2	10	------------	N. SSW	7	------------	Cu. SW
23	NNE	1	SSW	1	SSW	2	SE	3	SE	2	NNE	2	8	------------	Cu. E	7	Ci.-S. NNE	Cu. SW
24	N	1	SE	1	NNW	2	NNW	2	NE	2	NNW	1	8	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. ENE
25	NNE	1	NNE	1	NNE	3	NW	3	NNE	1	NNW	1	7	Ci.-S.	Cu.-N. NE	8	------------	Cu.-N.
26	N	1	ENE	1	NNE	2	NW	0	NNE	2	NW	1	8	Ci.-S.	Cu.-N. ENE	7	------------	Cu.-N. E
27	NNE	0	SE	1	WNW	1	NNW	2	NNW	2	NNW	2	10	------------	Cu.-N. ENE	10	Ci.-S.	Cu.-N. NE
28	NNW	1	NNW	1	SE	2	NNE	3	NNE	2	NNW	2	8	Ci.-S.	Cu.-N. NE	8	Ci.-S.	Cu. NE
29	NNE	1	NNE	1	NNE	2	NW	1	NNE	2	NNE	2	8	Ci.-S.	Cu.-N. E	8	------------	Cu.-N. E
30	NNE	1	NNE	1	SE	2	SE	3	NNE	2	NNW	2	5	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
31	NNE	1	NE	2	N	2	NW	1	NNE	1	NNE	1	9	------------	Cu.-N. NE	8	------------	Cu. E
Mean	------	1.2	------	1.3	------	2.1	------	2.3	------	1.8	------	1.8	8.8	------------	------------	9.1	------------	------------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

JANUARY, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.17	58.37	58.94	56.40	57.07	58.54	24	24.2	25.1	26.4	24.6	23.7	27.8	23.2	95	96	92	88	94	96	37
2	57.30	57.89	59.27	56.81	57.13	58.40	23.1	23.1	26.4	25.6	25.6	24.6	27.9	22.3	96	97	86	92	90	93	1.5
3	57.63	58.09	58.95	57.09	57.65	58.71	23.7	21.8	27.9	28.5	26.6	25	28.8	21.3	86	96	84	74	87	93	11.7
4	57.19	58	58.52	56.62	57.20	58.74	23.3	23.3	27.4	27	24.1	23.7	27.9	22.7	96	97	85	87	94	97	3
5	57.44	57.61	58.14	56.10	56.94	57.78	23.4	23.1	24.9	27.7	25.4	24.4	28.5	22.6	97	97	93	82	92	95	14.2
6	56.70	57.48	58.32	56.60	57.08	57.94	23.8	24	27.2	28.1	26.3	25.6	28.7	23.3	97	97	90	84	90	94	19.8
7	56.88	57.65	58.42	56.79	57.95	58.73	24.8	24	27.2	30.2	26.7	24.7	30.4	23.5	94	96	89	79	87	94	3
8	57.77	58.44	59.41	57.23	58.24	59.47	24.5	24	29.4	30.6	26.9	26	30.6	23.5	96	96	79	76	85	88	----
9	59.02	59.48	60.47	58.71	59.15	60.22	23.5	23.1	27.5	29.9	26.9	25.4	30.4	22.5	95	96	81	74	81	89	23.6
10	59.47	60.41	61.15	58.65	58.88	59.90	21.7	23.7	25	28.1	26.6	26.2	29.2	23.1	91	95	92	79	83	88	14.7
11	58.61	59.14	59.96	58.14	58.99	60	25.6	23	28.7	29.2	26.7	24.9	30	22.4	88	95	78	72	84	88	6.9
12	58.52	59	59.76	57.25	57.96	58.82	23.1	22.7	28.9	29.6	26.5	24.5	30.5	22.1	96	95	76	70	81	92	5.9
13	57.75	58.61	58.81	56.71	57.71	58.88	23.5	23	27.4	26.3	25	23.5	28.3	21.8	94	95	81	82	89	85	1
14	58.19	59.17	60.06	58.32	59.31	60.12	22.6	21.4	27.4	27.1	25.2	24.1	27.9	20.9	90	95	82	79	87	91	46.5
15	59.53	60.40	61.38	59.35	60.38	61.28	23.6	23.2	23.9	24.4	23.5	22.8	25	22.3	95	97	90	89	92	96	31.8
16	60.36	60.67	61.53	59.55	60.26	60.78	22.8	22.3	25.3	26.6	25.1	25.9	28.2	21.3	90	91	77	70	79	69	----
17	59.53	59.56	60.28	57.90	58.29	59.36	23.1	23.9	27.1	26.6	26.1	24.5	27.8	21.6	87	86	78	80	84	89	----
18	58.28	58.63	59.92	58.12	59.25	60.37	22.8	23.2	26.8	26.9	26.4	24.2	27.9	21.6	91	86	86	84	89	93	4.6
19	59.30	60.10	61.44	59.58	60.69	60.89	24.3	23.5	27.6	28.5	26.4	26	29.9	22.9	95	95	80	81	88	89	8.2
20	59.86	60.43	62.03	59.12	59.84	61.22	23.8	24.4	24.2	27.2	26.4	24.7	27.9	23	93	96	93	86	90	94	36.7
21	59.61	59.93	61.39	59.44	59.17	60.53	23.7	24.4	27.1	28	26.4	24.5	28.2	23.1	95	96	83	77	81	92	4.8
22	59.22	59.90	60.67	58.27	58.83	60.20	23.4	23	28.4	29	26.7	25.6	29.6	22.4	95	97	75	80	83	90	11.2
23	58.92	59.50	60.15	59.13	59.70	60.63	25.4	25.2	28.5	25.6	24.6	23.5	28.7	22.7	88	86	78	86	92	93	20
24	59.88	59.35	60.16	57.69	58.27	59.67	24.6	23.8	26.2	29.2	26.6	25.2	29.7	23.3	92	96	87	73	83	89	12.5
25	59.18	59.04	59.91	58.37	59.05	60.05	24.8	23.6	29	28.1	25.2	23.6	29.4	23.1	90	96	76	73	88	91	----
26	59.15	59.46	60.25	58.70	58.82	60.07	22.4	21.6	27.3	28.1	24.2	23.4	28.8	21.1	94	96	83	77	91	94	2
27	58.86	58.85	59.67	58.22	58.70	59.72	22.8	22.4	28.5	26.4	25.6	24.1	29.1	21.7	97	96	78	86	91	95	16.3
28	58.14	58.78	59.36	56.82	57.21	58.11	23.5	23.5	25.5	27.4	26.4	24.9	29.2	22.9	95	97	93	85	88	90	1.8
29	57.04	57.65	58.50	56.61	57.21	58.42	24	23.8	28.5	27.2	25.6	25.5	29.5	23.2	93	95	75	82	85	84	3.8
30	57.68	58	59.41	57.18	57.78	59.14	23.8	23.7	24.3	27.7	26.4	26.4	28.2	22.4	91	91	91	74	76	77	7.9
31	57.61	58.12	59.49	58.06	58.86	59.51	25.1	25.7	27.2	26.7	26	25.1	27.8	23.1	90	80	70	77	77	79	1.3
Mean	58.48	58.96	59.86	57.86	58.50	59.55	23.8	23.4	27	27.7	25.8	24.7	28.8	22.5	93	94.2	83.3	79.9	86.5	89.9	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	351.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction-	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	E	1	E	2	ENE	1	E	2	Calm	----	Calm	----	10	----	N.	10	----	Fr.-N. NE
2	Calm	----	Calm	----	ENE	1	NNE	1	NNE	1	Calm	----	10	----	Fr.-N.	9	Ci. SE	N.-cf. ENE
3	ESE	4	ESE	1	ESE	1	EbyS	1	EbyN	1	Calm	----	10	Ci.-S. ESE	S.-Cu. E	9	Ci.-S. ESE	Cu. E
4	EbyN	1	EbyN	1	Calm	----	NNE	1	Calm	----	Calm	----	10	----	Cu.-N.	10	Ci.-S. NE	N. N
5	Calm	----	Calm	----	NbyE	1	NNE	1	Calm	----	NNE	1	9	Ci.-S. SE	N.-cf.	9	Ci.-S.	N.-cf. NE
6	Calm	----	Calm	----	Calm	----	NNE	2	NNE	1	Calm	----	10	----	N. E	8	A.-cu. SE	N.-cf. E
7	ENE	1	Calm	----	Calm	----	ENE	3	E	2	Calm	----	10	----	Fr.-N. ENE	7	A.-cu.	Cu. ENE
8	Calm	----	Calm	----	E	2	ENE	3	ENE	3	ENE	1	8	Ci.-S. SE	S.-Cu. E	4	----	Cu. E
9	Calm	----	Calm	----	Calm	----	NEbyE	4	NE	3	NE	2	4	Ci.	Cu. E	9	Ci.-S.	Cu. E
10	NE	1	Calm	----	ENE	1	ENE	4	NE	2	NE	3	10	----	N. E	8	Ci.	N.-cf. E
11	NE	2	NE	1	E	2	E	3	NE	3	NNE	2	6	Ci. SE	Fr.-N. E	4	----	Cu. E
12	Calm	----	Calm	----	NNE	1	NNE	1	NNE	2	Calm	----	3	----	Cu.	2	----	Cu.
13	NNE	1	Calm	----	NNE	1	NNE	1	Calm	----	Calm	----	4	----	Cu. E	9	----	Cu.-N. NE
14	Calm	----	NbyE	1	N	1	N	2	Calm	----	N	1	5	Ci. E	Cu.-N. NE	8	Ci.-S. E	Cu.
15	NbyE	1	N	3	N	2	ESE	1	NEbyE	2	Calm	----	10	----	N.	10	----	N.
16	N	3	NEbyE	1	NEbyE	3	N	1	N	1	N	2	10	----	Fr.-N. NE	9	A.-Cu.	N.-cf. NE
17	N	1	N	2	N	3	N	3	N	2	NE	2	2	----	S.-Cu.	3	----	Fr.-Cu. NE
18	NE	1	Calm	----	NEbyE	1	N	2	NE	2	Calm	----	4	A.-Cu.	S.-Cu. ENE	5	----	Fr.-Cu. E
19	NE	3	SE	1	E	2	NE	2	EbyN	3	ENE	2	6	----	N.-cf. E	8	Ci.-S.	N.-cf. E
20	EbyN	3	Calm	----	ESE	2	E	1	EbyN	2	EbyS	2	9	----	Fr.-N. E	8	A.-Cu. E	Cu. ENE
21	SE	2	ENE	3	ENE	2	NE	3	NE	2	Calm	----	10	----	Fr.-N. ENE	9	Ci.-S.	Cu. ENE
22	Calm	----	Calm	----	E	2	NE	3	NNE	4	E	1	10	----	Fr.-N. E	4	Ci.-S.	Cu. ENE
23	EbyN	3	E	3	NE	4	EbyN	3	EbyS	2	Calm	----	9	A.-Cu. SE	Fr.-N. E	10	----	Fr.-N. E
24	ESE	2	Calm	----	ESE	2	ESE	3	E	3	SE	2	10	----	Fr.-N. E	5	----	Cu. E
25	ESE	2	S	1	E	2	EbyN	2	EbyN	5	Calm	----	8	----	Fr.-N. E	7	A.-cu. NE	Cu. E
26	Calm	----	Calm	----	ENE	1	ENE	1	SE	1	Calm	----	7	Ci. ESE	Cu. E	7	A.-cu. SE	Cu. E
27	Calm	----	Calm	----	EbyS	2	ENE	1	ENE	4	ESE	3	7	----	Fr.-N. E	9	----	Fr.-N. E
28	Calm	----	Calm	----	E	1	NE	1	ENE	2	ENE	1	10	----	N.	6	Ci.-S. NW	Cu. E
29	ENE	1	Calm	----	ENE	1	NbyE	1	NbyW	1	NNE	1	10	----	N.-cf. NE	9	Ci.-S. NNW	Cu.
30	NE	3	NNE	3	NNE	4	NE	4	ENE	3	ENE	3	10	----	Fr.-N. NE	10	A.-cu.	N.-cf. NE
31	ENE	2	ENE	3	ENE	4	NE	5	NNE	3	NE	3	9	----	N.-cf. ENE	10	Ci.-S.	Cu. ENE
Mean	----	1.2	----	0.8	----	1.6	----	2.1	----	1.9	----	1	8.1	----	----	7.6	----	----

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

FEBRUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.98	58.84	59.91	57.62	58 30	59 63	24.7	20.7	28.4	28.2	25.9	22.5	29.8	19.9	78	92	70	73	75	91	------
2	58.22	58.89	60.20	57.87	58.88	59.57	21.2	21.4	26.6	29.6	26.4	24.8	29.6	20.6	95	95	86	76	87	92	16.3
3	57.85	57.83	59.02	57.02	58.17	58.89	24	25.5	25.9	27.3	26.3	25.9	28.3	23.2	96	90	92	85	87	89	8.9
4	57.88	59.03	60.39	59.16	59.49	60.55	25.5	25.9	29.2	29.2	26.5	25.5	29.9	24	92	88	76	71	81	81	1.5
5	60.27	61.08	61.65	59.95	60.41	61.32	25.2	22	26.7	29.5	26.5	25.4	29.7	21.4	78	95	80	71	83	86	3.3
6	60.46	60.61	61.42	59.78	60.67	60.69	24.9	25.6	28.5	28.3	26.4	24.4	29.3	------	91	79	72	66	77	83	9.7
7	60.61	61.10	61.82	60.32	60.82	61.44	23.6	23.4	27.6	28.6	26.3	25.1	28.8	------	88	94	76	66	77	83	40.6
8	60.88	61.83	62.49	60.63	61.11	61.61	23.6	22.7	22.6	24	23.6	22.9	24.4	------	95	96	94	93	94	97	25.9
9	60.77	61.51	62.10	60.06	61.39	61.94	23.9	22.1	28.3	28.6	26.1	25.4	30.1	21.7	91	96	79	75	80	80	6.6
10	61.13	61.57	62.06	60.10	60.90	61.46	23.8	22.2	25.8	26	25.4	24.6	26.3	21.5	89	94	86	82	83	87	24.1
11	60.08	60.82	61.86	59.31	60.06	61.20	23	22.9	26.4	26.6	25	23.5	28.2	22.2	96	96	84	80	88	94	25.4
12	59.44	60.81	61.18	59.17	60.11	61.33	22.9	22.2	25.2	25.1	25.6	23.3	26.9	21.7	94	96	90	92	87	95	47
13	59.92	60.28	61.02	59.08	59.70	60.61	22.9	22.1	25.9	26.6	24.6	24.7	29.1	22	97	99	85	86	90	92	8.4
14	59.20	59.61	60.80	58.35	58.93	60.32	23	22.8	27	27.6	25.6	24.9	28.8	22	96	97	83	81	87	90	13.5
15	58.63	59.07	60.77	58.83	58.99	59.98	24.6	23.6	23.9	24.4	24	23.3	25	22.9	92	97	96	91	97	95	73.9
16	58.65	59.04	59.77	58.38	58.67	60.36	24.1	24.3	26.8	25.7	24.4	23.9	29.1	22.9	95	93	85	90	91	94	8.4
17	59.20	59.36	60.50	58.31	58.97	60.33	23.2	22.9	24.8	26.1	24.5	25.1	26.9	22.5	97	97	92	90	91	89	9.7
18	59.10	59.17	60.37	58.30	57.81	59.36	24.8	24.2	24	26.7	25.9	24.9	27.7	23.4	90	95	95	90	86	93	15.5
19	58.58	59.08	60.05	58.45	59.01	60.25	23.5	23.2	29	29.3	27.2	26	29.8	22.5	96	97	76	79	84	91	------
20	59.41	59.19	60.74	58.70	58.78	60.02	24.7	23.8	27.5	28.7	26.4	24.9	29.7	23.4	95	94	86	83	90	94	1.8
21	59.03	59.66	59.52	57.82	58.02	59.72	24	24.5	27.6	28	26.7	25.7	29.4	23.2	96	96	83	80	86	93	16.8
22	58.93	59.63	60.36	58.38	58.73	59.82	24.5	22.9	28.3	28.1	25.4	25.6	29.8	22.4	95	96	80	79	86	92	4.3
23	58.78	59.24	60.17	58.39	58.98	60.07	24	23.1	28.6	25.6	25.2	25.5	28.7	22.6	96	96	83	90	91	88	4.6
24	58.94	59.15	60.02	58.19	58.49	59.57	23.5	24	28.4	29.3	26.5	24.4	29.9	22.9	95	96	77	70	78	89	------
25	58.85	59.20	60.46	58.56	59.33	60.96	24.1	21.9	28.6	29.3	26.7	23.3	30.3	21.3	92	95	74	73	73	89	.8
26	59.67	59.80	60.70	59.04	59.18	60.49	23.5	23.2	23.6	29.2	27.1	24.3	29.9	22.2	94	95	75	70	78	89	4.3
27	59.02	59.62	60.54	58.69	58.84	59.86	24	22.9	28.9	29.4	26.9	26.1	29.8	22.2	91	94	72	71	80	84	------
28	58.07	58.29	59.39	57.94	58.06	59.03	25.9	25.7	27.9	28	26.6	26.2	29.4	23.9	84	87	77	80	80	82	------
Mean	59.27	59.76	60.69	58.80	59.31	60.37	24	23.3	27	27.6	25.8	24.7	28.7	22.3	92.3	94.1	82.3	79.8	84.5	89.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	371.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NbyE	2	NbyE	1	NbyE	2	NNE	3	NEbyE	2	NE	1	7	Ci. SE	S.-Cu. ENE	7	A.-Cu. NE	Cu.
2	NE	1	Calm	----	SSE	1	NE	2	NNE	2	Calm	----	10	------------	Fr.-N. NE	10	Ci.-S.	N.-cf. NE
3	Calm	----	EbyN	2	EbyS	3	EbyN	5	E	4	ENE	2	10	------------	Fr.-N. E	10	Ci.-S.	Fr.-N. E
4	E	1	E	3	E	3	NE	3	NNE	2	NEbyE	2	10	Ci.-S.	Fr.-N. E	5	Ci.	Cu. E
5	NEbyE	2	Calm	----	NNE	3	NNE	4	NNE	2	NE	2	6	Ci.	Cu. E	8	Ci.-S. N	Cu. NE
6	ENE	2	ENE	3	NEbyE	4	ENE	5	E	3	Calm	----	4	Ci. SE	Fr.-Cu. ENE	7	Ci.-S. SSE	Fr.-Cu. ENE
7	EbyN	2	E	3	NEbyE	5	NNE	4	NEbyE	3	NbyE	3	10	------------	N.	9	Ci.-S.	Cu. E
8	ENE	6	NE	2	ESE	1	NE	1	Calm	----	Calm	----	10	------------	N.	10	------------	N. NE
9	E	3	Calm	----	NNE	2	NEbyE	4	NEbyE	2	NE	1	7	Ci.	Fr.-Cu. NE	8	Ci.	Cu. NE
10	EbyN	2	Calm	----	Calm	----	NEbyE	3	NEbyE	3	Calm	----	9	Ci.-S.	Fr.-N. NE	10	------------	N.-cf. NE
11	Calm	----	Calm	----	Calm	----	NNW	2	N	1	NNW	1	10	Ci.-S.	Fr.-N. ENE	10	------------	Fr.-N. NE
12	NNW	2	Calm	----	NbyW	4	NW	2	NEbyE	3	Calm	----	10	------------	N.	10	------------	N. NE
13	Calm	----	Calm	----	NbyE	1	EbyS	1	EbyS	2	NEbyE	2	10	------------	Fr.-N. NE	9	A.-Cu. ENE	N.-cf. NE
14	Calm	----	Calm	----	E	1	NE	2	EbyS	2	ESE	2	4	------------	S.-Cu. ENE	5	------------	Cu. E
15	E	1	ESE	1	EbyS	1	ESE	1	Calm	----	Calm	----	10	------------	N.	10	------------	Fr.-N. E
16	NE	3	NE	2	NE	2	EbyS	2	Calm	----	Calm	----	10	A.-Cu. E	N.-cf. E	10	------------	Fr.-N. E
17	Calm	----	EbyS	1	EbyS	2	ENE	3	EbyN	3	EbyN	3	10	------------	N.	10	------------	Fr.-N. ENE
18	E	3	E	1	E	2	E	2	ESE	2	Calm	----	10	------------	Fr.-N. E	9	Ci.-S. NE	N.-cf. E
19	Calm	----	Calm	----	ESE	1	EbyS	2	E	2	E	1	7	Ci.-S. E	N.-cf. E	6	------------	Cu. ESE
20	Calm	----	Calm	----	E	1	EbyN	1	Calm	----	Calm	----	5	A.-Cu. SE	Cu. ESE	9	A.-Cu. SE	N.-cf. E
21	Calm	----	Calm	----	E	1	EbyN	2	ENE	1	EbyN	2	8	------------	N.-cf. E	9	------------	N.-cf. E
22	Calm	----	Calm	----	ESE	1	ESE	2	E	2	E	1	7	Ci.-S.	N.-cf. E	6	------------	Fr.-N. E
23	Calm	----	Calm	----	E	1	ESE	2	E	1	E	1	6	Ci.	Cu. E	10	------------	Fr.-N. E
24	Calm	----	Calm	----	E	3	E	4	ESE	1	Calm	----	7	Ci.-S.	N.-cf. E	8	Ci.-S. ENE	Cu. E
25	ESE	1	SSE	1	E	2	E	3	ESE	1	SE	1	6	Ci. NE	S.-Cu.	4	Ci. NE	Fr.-Cu. E
26	Calm	----	Calm	----	E	3	E	3	EbyN	2	Calm	----	3	Ci. NE	N.-cf.	6	Ci. NE	Cu. E
27	SE	1	SE	1	E	3	NE	3	NEbyE	3	ENE	1	4	Ci.	Cu.	4	Ci.	Fr.-Cu. ENE
28	NE	2	NE	1	NE	4	NEbyE	4	NE	2	ENE	2	10	------------	N.-cf. E	8	Ci.-S.	N.-cf. E
Mean	-------	1.2	-------	0.8	-------	2	-------	2.7	-------	1.8	-------	1	7.9	------------	------------	8.1	------------	------------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

MARCH, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.09	58.37	59.69	57.82	57.71	59.16	25.9	23.2	29.3	29	27.3	26.6	30.2	22.9	79	90	73	71	78	83	------
2	57.92	58.63	60.30	58.40	58.60	59.97	24.1	23.6	29.5	30	27.5	25.6	30.8	23	91	94	72	65	76	87	------
3	58.68	59.20	60.20	58.45	58.88	59.91	25.4	22.9	28.8	29.5	25	24.1	29.9	22.5	81	91	73	69	84	91	1
4	58.21	58.81	60.14	58.17	58.44	60.24	25.8	24.4	29.9	26.6	24.2	25.7	30.1	23.5	84	91	75	87	93	86	15
5	59.45	59.60	60.75	58.84	59.25	60.56	23.6	22.6	28.9	29.5	27.1	25.4	29.9	22.3	95	96	75	72	81	81	.8
6	58.93	59.91	61.29	59.13	59.05	60.22	23.4	24	28.6	28.9	27	26.2	29.3	22.5	93	93	78	75	80	83	1
7	58.89	59.28	60.25	58.45	58.51	59.67	23.8	22.1	29.3	28.4	26.8	26.2	29.7	21	91	96	75	77	84	84	------
8	58.56	58.58	59.56	57.64	57.71	58.73	25.3	24.6	29.1	29	27	26.1	30.4	23	88	87	74	74	77	83	------
9	57.68	58.26	59.73	57.49	57.56	58.80	24	22.2	25.9	29.2	27.2	26.1	30.8	21.9	88	95	88	74	81	86	8.4
10	57.61	58.09	59.35	57.31	57.49	58.77	24.5	22.9	26	28.4	26.9	25.4	29.2	22.5	87	94	88	70	82	89	8.4
11	57.53	57.54	58.93	56.75	56.77	58.04	24.3	24.9	27.9	28	25.2	23.5	30	23	93	88	78	79	89	93	1.5
12	57.01	57.16	58.48	56.72	56.90	58.16	22.5	23	25	28.3	26.7	24.1	29.4	21.9	96	97	90	80	79	92	9.4
13	------	------	------	------	------	------	22.7	22.4	28	29.5	------	------	------	------	95	95	78	72	------	------	------
14	58.28	58.85	60.14	58.46	58.37	59.69	24	23	27.4	28	26.9	26.1	28.5	22.3	87	95	81	82	85	87	1.8
15	58.81	59.29	60.51	58.78	59.12	59.99	24.5	23.4	25.4	24.4	23	22.5	26.1	22	89	92	89	92	91	96	17.3
16	59.03	59.06	60.10	58.05	58.09	59.48	22.1	22.9	25.8	28.5	26.3	24	29.1	22	99	97	88	79	88	94	1.3
17	58.65	58.86	60.02	57.77	57.98	59.27	23.6	23.5	28.1	27.9	26.8	24.5	29.9	22.6	94	93	79	80	83	87	------
18	58.08	58.44	59.60	57.59	58.32	59.87	23.3	22.6	29	29.6	26.9	25.3	30.8	22.1	90	95	73	70	80	86	------
19	58.33	58.74	59.70	57.64	58.14	59.84	24	23.6	27.5	29.9	27.3	24.5	30.5	23.1	92	94	86	72	83	92	9.9
20	58.45	58.55	58.72	56.83	56.77	57.30	24	22.8	24.6	24.1	25.6	25.2	26.1	22.1	91	93	92	95	88	88	37.3
21	55.67	56.35	56.97	54.73	55.56	56.81	25.4	24	25.9	28.1	25.8	25.9	28.5	23.3	86	92	83	80	85	88	.8
22	55.42	56.72	57.11	55.56	56.16	57.79	25	24.6	29.1	28.5	26.5	25.1	31.1	24	92	94	77	77	89	92	------
23	56.06	56.93	57.91	55.88	57.02	58.82	24.8	24.1	26.6	27	27	25.4	29	23.9	93	94	87	86	87	93	1.8
24	57.64	58.07	58.95	57.01	57.99	59.72	24.4	25	29.3	29.5	27	25.4	30.5	23.7	96	93	74	73	85	89	------
25	58.91	59.68	60.61	58.54	59.29	61.12	24	24.2	28.7	29	26.5	25.4	29.8	23	93	95	78	81	87	91	4.6
26	59.82	60.93	61.24	59.08	59.95	61.34	24.1	24.2	28.7	27.9	26.7	25.7	29.6	23.3	95	95	77	82	84	90	1.5
27	59.80	60.99	61.90	59.61	60.21	61.42	25.4	25	28.5	29.1	26.7	26.1	30	23.7	93	92	77	73	78	82	10.7
28	60.36	61.07	61.59	59.33	59.79	60.94	24	24	28.6	29.2	26.4	25.9	30	22.9	92	95	75	77	86	85	1.3
29	59.62	60.46	61.31	59.51	60.01	61.33	26	26.4	29.1	26.5	26.4	24	30	23.6	90	86	77	88	85	93	3.3
30	60.08	60.36	61.14	58.85	59.24	60.72	23.4	25.5	29	28.9	27	26.1	30.4	23	96	87	74	76	83	82	------
31	59.25	60.01	60.77	58.60	59.36	60.77	23	22.9	29	29.5	25.7	25.7	30.5	21.7	91	95	74	72	89	89	10.4
Mean	58.36	58.89	59.90	57.90	58.27	59.62	24.2	23.7	28	28.4	26.4	25.3	29.7	22.7	91	93.1	79.3	77.4	84	88.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	147.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	EbyN	3	SSE	1	E	1	NE	2	NE	3	E	1	4	Ci.-S.	S.-Cu.	8	Ci.-S.	Fr.-Cu. E
2	Calm	----	Calm	----	E	1	E	2	E	1	ENE	3	8	Ci.-S.	N.-cf. NE	4	Ci.-S.	Cu. ENE
3	E	3	Calm	----	NE	3	NE	3	SE	1	SE	1	8	A.-Cu. SE	N.-cf. NE	9	A.-Cu. ESE	Cu. E
4	ENE	2	E	1	NE	1	ENE	1	ESE	2	E	1	7	A.-Cu. ESE	Cu. E	10	----------	N.
5	Calm	----	S	1	E	3	NEbyE	3	NE	3	ESE	2	8	----------	N.-cf. E	5	Ci.-S.	Fr.-Cu. E
6	Calm	----	ENE	4	E	2	NE	3	NE	3	ESE	1	10	----------	N.	7	A.-Cu.	Fr.-Cu. NE
7	E	1	Calm	----	NE	1	NNE	3	NE	2	NE	2	4	Ci. NE	Cu. E	5	A.-Cu. SE	Cu. E
8	NE	1	NNE	2	E	3	ENE	3	NE	3	ENE	2	8	A.-Cu.	Cu. E	7	Ci.-S.	Cu. E
9	Calm	----	Calm	----	S	1	NNE	3	NNE	3	NE	2	6	Ci.-S. NE	Cu. E	6	Ci.-S. NE	Cu. E
10	Calm	----	Calm	----	NNE	1	NNE	1	NE	3	E	1	7	Ci.	Cu. E	9	Ci.-S.	Cu. ENE
11	Calm	----	Calm	----	E	2	N	2	ESE	1	Calm	----	10	----------	Fr.-N. ENE	10	Ci.-S. E	Cu. NE
12	Calm	----	S	1	ESE	1	NNE	3	ENE	2	Calm	----	10	Ci.-S.	Fr.-N. E	7	Ci.	Fr.-N.NE
13	Calm	----	Calm	----	ENE	1	NNE	2	----	----	----	----	5	Ci.-S.	Cu.	8	Ci.-S. E	Cu. NE
14	Calm	----	Calm	----	NbyE	1	N	1	Calm	----	NE	1	8	A.-Cu.	Cu. E	10	Ci.-S.	Cu. ENE
15	Calm	----	SSE	1	Calm	----	Calm	----	SSE	1	SSE	1	10	----------	Fr.-N. E	10	----------	Fr.-N. E
16	SSE	1	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	10	----------	Fr.-N.	10	A.-Cu. E	Cu. NE
17	Calm	----	S	1	E	1	E	2	NE	2	SSE	1	8	A.-Cu. E	S.-Cu. NE	10	Ci.-S.	N.-cf. NE
18	Calm	----	Calm	----	ENE	1	NE	2	NE	3	N	2	6	A.-Cu. E	Cu. NE	7	A.-Cu. E	Cu. NE
19	NE	1	SbyE	1	N	1	NNE	3	NE	1	NE	1	9	Ci.-S. N	N.-cf. E	5	Ci.-S. N	Cu. E
20	Calm	----	Calm	----	WNW	3	WNW	2	WNW	4	NW	4	10	----------	N.	10	----------	N. NW
21	NNW	4	W	2	W	3	WSW	2	WSW	2	WSW	1	10	----------	N.	9	Ci.-S. NNW	Fr.-Cu. W
22	SW	1	SSW	1	SSW	3	WSW	2	Calm	----	Calm	----	9	A.-Cu. NE	S.-Cu. SW	10	----------	N.-cf. SW
23	S	1	ESE	1	SbyE	1	E	3	ESE	2	ESE	2	10	----------	Fr.-N. SW	10	Ci.-S.	N.-cf. S
24	Calm	----	SE	2	ESE	2	E	3	ESE	1	ESE	1	9	Ci.-S.	Cu. E	8	Ci.-S. SE	Fr.-Cu. E
25	S	1	Calm	----	E	2	NE	2	NE	1	ESE	1	7	Ci.-S. SE	Cu. E	8	Ci.-S. SE	Fr.-Cu. E
26	Calm	----	Calm	----	EbyN	2	ENE	2	E	1	ENE	2	4	Ci. NE	Cu. E	8	Ci.-S.	N. E
27	E	1	EbyN	1	ENE	2	NNE	2	ENE	2	ENE	1	9	----------	Fr.-N. E	6	Ci. NW	Fr.-Cu. E
28	E	1	Calm	----	ENE	1	ENE	3	ENE	2	ENE	1	4	A.-Cu. NE	S.-Cu. E	7	Ci. SE	N.-cf. E
29	ENE	2	ENE	2	EbyN	3	ENE	2	ENE	2	SE	1	7	Ci.	Cu. E	9	----------	Fr.-N. E
30	Calm	----	ENE	2	NE	3	NE	2	NNE	2	ENE	2	8	Ci.-S.	Fr.-N. E	5	Ci. NE	Cu. E
31	Calm	----	Calm	----	E	2	ENE	1	NE	1	NE	1	3	----------	Cu. E	5	----------	Cu. E
Mean	------	0.7	------	0.8	------	1.7	------	2.1	------	1.8	------	1.3	7.6	----------	----------	7.8	----------	----------

SURIGAO.

[φ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

APRIL, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.29	60.27	60.99	58.85	59.20	60.36	25.3	24.5	25	28.3	27.4	26.4	29.5	22.8	87	91	90	79	78	80	4.6
2	59.03	59.74	60.54	58.93	59.43	60.04	25.4	25.8	29.1	30	27.5	26.2	30.7	23.5	93	86	76	69	78	86	------
3	59.30	59.88	60.91	58.74	59.54	61.16	24.4	23.5	29.8	30.2	27.1	26.9	31.1	22.3	91	93	71	70	83	83	2.8
4	59.60	59.87	60.68	58.74	59.40	60.31	25.6	25.4	28	28	26	25	30.5	24	88	90	82	85	93	92	37.6
5	58.96	59.94	60.68	58.56	59.22	60.41	24.8	25.1	29	28.6	27	25.2	30	24.1	94	93	81	80	92	91	5.1
6	58.86	59.61	60.25	57.80	57.64	58.94	24.2	23	29	30.6	27	24.5	31.4	22.5	93	96	78	72	86	92	------
7	57.91	58.68	59.94	57.61	57.20	59.09	23.7	23.1	30.4	29.6	27.5	24.9	31.2	22.5	94	95	74	69	79	89	------
8	58.56	59.56	60.29	58.30	58.68	60.08	23.4	23.6	29.1	30.2	27.1	23.2	30.9	21.9	92	94	73	66	74	97	------
9	59.52	60.16	60.98	58.42	58.93	60.64	22.7	22.7	28.9	29.9	27.1	26.2	30.2	21.2	89	92	71	72	76	82	------
10	59.23	59.77	60.51	58.55	58.98	60.10	23	22.6	29.7	30.1	27.6	26.4	31	21.5	92	95	70	67	76	84	------
11	58.78	59.67	60.54	58.57	59.51	60.44	23.6	22.6	29.6	29.6	27.5	26.3	31.1	22.1	90	95	69	71	81	87	------
12	59.90	60.13	60.93	59.05	59.78	60.59	23.8	23.5	29.8	30.3	27.5	26.2	31.2	22.2	93	95	69	66	79	86	------
13	59.17	59.51	59.96	58.36	58.65	59.95	24.7	24	27.7	27.5	27.1	26	29.6	23	90	92	76	82	84	92	29.2
14	58.87	59.03	59.62	58.38	58.82	59.83	24	24.1	27.4	25.7	25.1	24.5	30	23.5	95	96	87	90	91	92	16.8
15	57.97	59.05	59.67	57.18	57.75	59.51	23.5	23.5	28.2	29.5	27.6	25.1	30	23	96	96	75	70	79	92	23.4
16	58.45	58.52	59.04	57.16	58.26	59.51	24	25.2	28.9	29.8	25.6	24.3	30.5	23.5	94	92	78	72	93	93	11.2
17	58.38	58.59	59.74	57.56	57.75	59.77	23.8	24.1	28.9	29.6	27.6	24.5	30.7	22.9	94	97	74	75	76	87	------
18	58.75	59.41	60.37	58.11	58.49	60.11	22.5	22.4	29	29.9	27.7	26.6	30.5	21.5	93	92	77	72	80	86	------
19	58.77	59.24	60.04	57.79	57.72	59.01	23.8	24	29	28.5	27	25.2	29.5	22.8	93	95	78	78	81	86	------
20	58.15	58.40	59.17	57.34	58.05	59.46	22.6	23.4	29	28.7	27.1	25	30	21.5	91	91	69	80	77	92	------
21	58.57	58.93	60.03	57.70	58.13	59.65	24.8	24.5	29.1	30	27.9	26.6	30.8	23.1	90	92	74	68	81	83	------
22	58.66	59.37	59.95	57.67	57.96	59.54	25	24.5	27.5	29.5	27.7	25.6	30.8	24.1	92	92	83	75	79	87	5.1
23	58.91	59.22	59.56	57.44	57.86	59.71	25.3	24.1	30	30.3	27.5	25	30.7	23.1	90	91	68	64	78	87	------
24	58.58	59.03	59.61	57.65	58.23	59.45	23.5	23.2	28.9	30.2	27.4	25.1	30.9	22.2	91	94	72	66	75	87	------
25	58.44	58.91	59.85	57.84	58.06	60.16	22.5	22.1	29.6	28.9	27.7	25.2	30.5	21.1	92	96	70	69	79	88	------
26	58.72	59.36	59.24	57.51	57.90	59.57	23.5	23.9	29.3	28.7	26.7	25.2	30.8	23	92	92	75	77	84	90	------
27	58.09	58.80	59.39	57.37	57.55	59.16	23.1	22.6	29.5	30	28.1	25.9	31.3	22	95	96	70	78	83	88	------
28	58.01	58.64	59.23	57.16	57.41	59.20	24.5	23.4	29.5	30.4	27.5	25.6	31.1	22.9	94	96	72	72	81	88	------
29	57.82	58.23	59.01	57.07	57.45	59.01	23.6	22.5	29.9	31.1	28.2	25.6	31.8	21.8	93	96	73	66	79	90	------
30	57.06	57.94	58.99	57.17	57.35	59.24	24.1	23.1	30.1	29.5	27.7	26.4	31.1	22.4	91	96	71	73	81	88	------
Mean	58.63	59.25	59.99	57.95	58.36	59.80	24	23.7	29	29.4	27.2	25.5	30.6	22.6	92.1	93.6	75	73.1	81.2	88.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	135.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	ESE	1	E	1	ENE	2	E	2	E	1	ENE	2	9	------------	Fr.-N. E	6	A.-Cu. NE	Cu. E
2	E	1	ENE	2	SE	2	E	3	ESE	1	ESE	1	5	------------	N.-cf.	4	------------	Cu. E
3	Calm	----	Calm	----	E	1	NE	2	NE	2	ENE	1	2	------------	Cu. ENE	4	A.-Cu. SE	Cu. ENE
4	NE	2	E	1	E	2	ENE	2	NE	1	E	1	9	------------	Fr.-N. E	9	------------	Fr.-N. E
5	Calm	----	E	2	E	1	NNE	3	NNE	2	NNE	1	10	------------	N. ENE	8	------------	N.-cf. ENE
6	Calm	----	Calm	----	NE	1	NNE	1	E	1	Calm	----	2	------------	Cu.	1	------------	Cu.
7	Calm	----	SbyE	1	ESE	1	NNE	1	E	1	ESE	1	2	------------	Cu.	3	------------	Cu.
8	SE	1	Calm	----	EbyN	1	ESE	2	ESE	1	SSE	1	2	------------	Cu.	3	------------	Cu. ESE
9	Calm	----	Calm	----	ENE	1	ENE	2	E	1	E	1	2	------------	Cu. ESE	4	Ci.	Cu. ESE
10	SSE	1	Calm	----	ENE	2	ENE	2	ESE	2	ESE	1	2	------------	Cu. E	3	------------	Cu. E
11	Calm	----	Calm	----	E	2	NE	2	NNE	2	ENE	1	5	------------	Cu. E	8	------------	Cu. E
12	SE	1	Calm	----	ENE	1	NNE	3	NNE	3	ENE	2	5	Ci.	Cu. NE	3	------------	Cu. NE
13	S	1	Calm	----	N	1	ENE	2	NNE	2	Calm	----	3	------------	Cu.	9	------------	N.-cf. ENE
14	Calm	----	EbyN	1	EbyN	1	ESE	2	ESE	2	ESE	1	9	------------	Fr.-N. E	10	------------	N.
15	Calm	----	Calm	----	E	2	ENE	2	E	3	E	2	9	A.-Cu. NE	S.-Cu. E	7	Ci.-S. N	Cu. E
16	SbyE	1	ENE	3	ESE	2	ESE	2	NNE	3	Calm	----	9	------------	Fr.-N.	7	Ci.-S. NE	Cu.-N. E
17	SSE	1	Calm	----	ENE	2	ENE	3	E	2	SSE	1	8	Ci. NNW	Cu. ESE	7	Ci. NE	N.-cf. ESE
18	Calm	----	Calm	----	ENE	1	NNE	1	NE	1	ENE	2	9	------------	N.-cf. SE	6	Ci. NE	Cu. SE
19	Calm	----	Calm	----	N	1	NNE	1	NNE	2	SSE	1	3	------------	Cu. NNE	7	A.-Cu.	Cu. N
20	Calm	----	SbyE	1	E	1	N	2	ENE	1	SSE	1	1	------------	Cu.	6	A.-Cu. E	Cu. NE
21	ENE	1	Calm	----	ENE	2	ENE	2	NE	2	E	1	4	------------	Cu. E	3	------------	Cu. E
22	ENE	1	Calm	----	EbyS	1	E	2	E	1	SE	1	3	------------	Cu. E	4	------------	Cu. E
23	NE	1	SSE	1	E	1	E	2	NNE	1	SSE	1	3	------------	Fr.-Cu.	1	Ci.	Fr.-Cu.
24	Calm	----	Calm	----	E	2	E	2	ESE	2	ESE	1	5	Ci.	Fr.-Cu. E	7	Ci. N	Cu. E
25	SE	1	Calm	----	E	1	E	2	E	1	Calm	----	3	Ci. N	Cu. E	8	A.-Cu. N	Cu. E
26	SE	1	Calm	----	E	1	ENE	2	SE	1	Calm	----	4	A.-Cu. S	Cu. E	9	A.-Cu. S	Cu. E
27	SE	1	Calm	----	E	1	NbyE	1	NE	2	Calm	----	4	Ci. NE	Cu.	4	A.-Cu. SE	Cu.
28	Calm	----	SSE	1	E	1	E	1	NE	1	SSE	1	6	Ci. NE	Cu. E	3	Ci.	Cu.
29	Calm	----	Calm	----	ENE	1	ENE	1	E	2	SSE	1	1	Ci.	Cu.	2	Ci.	Cu.
30	Calm	----	Calm	----	NNE	1	NW	2	ENE	2	SE	1	2	Ci.	Cu.	4	Ci.	Cu. N
Mean	-------	0.5	-------	0.5	-------	1.3	-------	1.9	-------	1.6	-------	0.9	4.7	------------	------------	5.3	------------	------------

SURIGAO.

[φ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

MAY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.74	57.63	58.59	57.01	57.74	58.56	24.4	23.7	30.2	30.4	28	25.6	31.5	22.8	92	94	71	77	77	86	------
2	57.83	58.08	59.19	57.40	58.06	60.01	24.5	24	28	28	27.5	25.6	30.2	23.5	92	95	79	82	84	92	1.5
3	58.48	58.83	59.05	57.27	57.50	58.54	25.1	24	29.7	30.1	27.3	27	30.9	23.2	94	96	75	74	85	88	4.3
4	57.58	57.89	59.08	57.20	57.23	59.05	25.2	24.7	30.5	29.6	28.5	26	31.2	24	95	95	76	77	85	92	1.3
5	57.34	57.82	58.76	56.50	56.80	58	24.8	24.1	30.5	29.9	28.5	26.5	31.9	23.5	94	95	78	79	81	91	3.6
6	57.05	56.96	58.10	56.69	56.62	57.82	25.7	25.5	30.5	27.1	27.2	25.9	31.5	24.6	94	96	79	87	89	93	1.5
7	56.81	57.17	58.07	55.90	57.06	57.68	24.7	24.6	28.3	28.9	27.5	25.3	30.4	23.9	96	96	80	80	87	93	------
8	56.59	57.19	57.97	56.04	56.91	58.05	24.6	23.9	29	30	27.1	25.3	31.1	23.4	94	97	81	75	88	93	13.2
9	57.08	57.73	58.49	57.16	58.13	59.57	24.4	24.3	28.5	29	25.9	24.9	31.4	23.6	96	95	83	75	93	96	2.3
10	58.17	58.94	60.08	57.98	58.37	60.12	24	24	29.1	27	26.9	25	30.3	23.5	96	96	81	89	89	96	2.5
11	58.98	59.19	59.79	57.84	58.20	59.96	23.9	23.6	29.9	29.4	28.1	25.9	31	23	96	97	78	82	85	92	19.3
12	58.64	58.99	59.48	57.63	57.95	59.53	24.9	24.2	30	30.6	28.5	26.5	31.4	23	96	96	78	74	78	91	------
13	58.32	57.94	58.82	57.32	57.81	59.09	24.5	23.7	30.5	30.4	28.5	26.3	32	23.3	92	95	74	63	78	89	------
14	57.81	58.08	58.80	57.36	57.59	59.41	24.6	24.1	30.2	30.2	28.6	25.5	31.1	23.5	94	96	74	74	78	88	------
15	58.29	58.50	59.03	57.18	57.29	59.11	23.8	24.4	30.1	29.8	26.9	25.5	31	22.7	94	91	75	77	87	92	------
16	58.24	58.25	59.86	58.52	58.44	59.98	24.4	24.3	28.1	25	25.4	24.1	29	23.8	91	93	83	92	93	97	16.5
17	58.25	59.09	59.87	58.08	58.68	60.50	23	22.5	30.2	29.6	28.5	26	31.6	22.1	96	96	72	67	80	90	------
18	58.88	59.20	60.18	58.08	58.61	60.66	24.5	24.1	30	30.1	27.6	25.9	32.1	23	92	94	76	74	87	92	1.8
19	59.16	59.48	60.28	58.61	58.05	59	24.7	24	29.6	27.6	27.5	25.5	31.2	23	93	94	75	79	81	89	3.3
20	58.08	58.39	59.09	57.24	57.61	59.34	24.1	23.6	29.6	28.8	28.1	26	30.8	23.3	95	96	77	80	83	89	1.5
21	58.16	58.44	58.99	57.54	57.94	59.63	24.4	23.5	30.1	30.4	28.6	26.7	31.1	23	93	93	73	68	74	87	------
22	59.01	59.28	60.16	58.38	58.40	60.59	24.2	23.5	29.7	30.4	28.7	26.1	31.3	22.5	92	93	71	72	78	87	------
23	59.85	60.46	60.96	59.48	58.99	60	24	24.1	30.1	30.4	27.7	25.4	31.2	23.5	92	94	77	74	83	91	------
24	59.02	59.35	59.97	58.05	58.13	59.25	24.5	24.4	28.6	29.1	27.6	26.1	30	23.9	93	95	81	76	87	91	------
25	58.18	58.42	59.08	57.12	57.49	58.96	25.6	24.3	31	30.4	28.6	26.1	32.5	24	95	95	70	68	77	91	------
26	57.69	58.18	59.09	57.62	57.56	59.20	24.5	23.6	29.1	26.6	28.4	25.7	31.1	23.2	92	95	74	86	82	93	1.3
27	58.28	58.83	59.08	56.84	57.42	58.95	24.4	24.1	29.8	30	29	26.1	31.1	23.5	95	95	73	71	81	91	------
28	58.04	57.98	59.04	56.93	56.85	58.25	25.1	24.1	30.4	29.6	28.9	27	32.1	23.7	94	95	76	79	79	86	1
29	57.38	57.90	58.69	57.46	56.81	58.27	24.9	23.9	30	27.1	25.8	24	31.3	23.5	92	94	71	85	87	94	8.4
30	57.03	56.60	57.19	55.75	56.01	57.51	23.2	23	30.6	30.9	28.2	26.7	31.7	22.7	94	96	74	72	80	87	------
31	56.32	56.62	57.53	55.87	56.95	58.72	24.6	24	30.5	30.6	28.9	25.7	32.4	23.6	92	94	69	70	78	90	------
Mean	58.01	58.30	59.11	57.36	57.65	59.14	24.5	24	29.8	29.3	27.8	25.8	31.2	23.3	93.7	94.9	75.9	77	83	90.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	83.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	1	Calm	----	ENE	3	ENE	3	ESE	2	Calm	----	4	Ci. N	Cu. E	5	Ci. N	Cu. E
2	Calm	----	Calm	----	NNE	3	NNE	1	Calm	----	Calm	----	4	A.-Cu. NW	Cu. E	6	Ci. NW	N.-cf. E
3	SE	1	Calm	----	ENE	3	E	3	NE	2	NE	1	3	Ci. N	Cu.	4	----------	Cu. E
4	Calm	----	Calm	----	NE	1	N	2	N	1	NE	1	5	----------	N.-cf. E	4	Ci. N	Cu. E
5	Calm	----	Calm	----	NE	1	NNW	2	NE	2	Calm	----	6	Ci.	Cu. NE	4	Ci. N	Cu. NNE
6	Calm	----	Calm	----	ENE	1	NNE	1	Calm	----	Calm	----	7	Ci. NE	Cu.-N.	9	A.-Cu. N	Cu.-N. NW
7	SSE	1	Calm	----	W	1	N	1	Calm	----	Calm	----	8	Ci.-S. NE	Cu.-N. N	9	A.-Cu. W	Cu.-N. N
8	Calm	----	Calm	----	Calm	----	N	1	ENE	2	Calm	----	7	Ci. NW	Cu.-N. S	8	Ci. NW	Cu.-N. S
9	Calm	----	Calm	----	E	1	SE	1	Calm	----	Calm	----	9	A.-Cu. W	S.-Cu.	10	----------	Fr.-N.
10	S	1	Calm	----	ENE	1	Calm	----	Calm	----	Calm	----	6	Ci. N	Cu. NE	9	Ci.-S.	N.-cf. NE
11	Calm	----	Calm	----	NE	1	N	1	NE	2	SSE	1	4	Ci. NW	Cu.	5	Ci.-S.	Cu. NE
12	Calm	----	Calm	----	NE	2	ENE	2	E	2	Calm	----	8	----------	N.-cf. S	6	Ci.-S.	Cu. ENE
13	Calm	----	Calm	----	NNE	1	ENE	2	ENE	2	SSE	1	6	Ci.	Cu.	4	Ci. NE	Cu.
14	Calm	----	Calm	----	E	1	ENE	2	ESE	1	Calm	----	4	Ci. NE	Cu.	6	Ci. NE	Cu. E
15	Calm	----	Calm	----	S	1	N	2	SE	1	Calm	----	1	Ci.	Cu.	9	A.-Cu. NE	Cu.-N.
16	S	1	Calm	----	ESE	1	Calm	----	Calm	----	Calm	----	9	A.-Cu. SE	S.-Cu.	10	----------	Fr.-N. SW
17	Calm	----	Calm	----	NE	1	NNE	1	ESE	1	Calm	----	2	Ci. E	Cu.	4	Ci. E	Cu.
18	S	1	S	1	S	1	E	1	ESE	2	Calm	----	2	Ci.	Cu.	7	Ci.	Cu. E
19	Calm	----	Calm	----	E	2	ESE	1	E	1	Calm	----	8	Ci. NE	Cu.	9	A.-Cu. SE	Cu. E
20	Calm	----	Calm	----	E	1	N	2	NE	2	Calm	----	5	Ci.-S. NE	Cu.-N. SE	5	Ci.-S. NE	Cu. SE
21	Calm	----	Calm	----	E	2	E	2	E	2	SE	1	7	A.-Cu. SE	Cu. E	5	A.-Cu. SE	Cu. E
22	SSE	1	Calm	----	E	2	E	2	E	3	Calm	----	3	Ci. SE	Cu.	3	Ci.-Cu. ESE	Cu.
23	Calm	----	Calm	----	S	1	ENE	2	Calm	----	Calm	----	5	A.-Cu. SE	Cu. E	9	Ci.-S.	N.-cf. E
24	S	1	Calm	----	NNW	1	NNW	1	E	1	Calm	----	4	A.-Cu. SE	Cu. E	8	Ci.-S. SE	Cu.
25	Calm	----	Calm	----	ENE	1	NbyW	1	SE	1	Calm	----	2	Ci.	Cu.-N.	4	----------	Cu.-N. E
26	Calm	----	Calm	----	W	1	SSW	2	Calm	----	Calm	----	3	Ci.-S. NE	Cu.	8	Ci.-S. NE	Cu.-N. SSW
27	Calm	----	Calm	----	NNW	1	WSW	2	NNW	1	NNW	1	2	Ci.-Cu. E	Cu.	4	----------	Cu.-N. SW
28	Calm	----	Calm	----	E	1	E	2	E	2	SE	1	3	Ci. NE	Cu.-N.	7	Ci.-S. NE	Cu.-N. E
29	S	1	S	1	E	1	E	2	NNW.	2	Calm	----	7	Ci.-S. NE	Cu.-N. E	10	----------	N.-cf. E
30	SbyW	1	SbyW	1	ENE	1	ENE	2	SE	1	SE	1	5	A.-Cu. SE	Cu.	4	Ci.-S. NE	Cu. E
31	SE	1	Calm	----	E	2	E	2	NE	2	SE	1	2	----------	Cu.	3	Ci.	Cu. NE
Mean	------	0.4	------	0.1	------	1.3	------	1.6	------	1.2	------	0.3	4.9	----------	----------	6.4	----------	----------

SURIGAO.

[φ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

JUNE, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.51	57.72	58.41	56.85	57.08	58.81	24.8	24.5	31	29.4	28.5	25.9	31.8	23.4	93	94	72	74	78	89	------
2	57.56	58.04	58.74	56.58	56.81	58.56	24.3	24.6	30.6	30.6	28.1	26.1	32	23.7	93	93	68	72	83	91	1.5
3	57.03	57.54	58.08	56.49	57.51	59.03	25.6	25.9	30.5	31.4	27	26.8	31.8	24.5	91	93	73	69	89	94	4.3
4	57.41	57.49	58.50	56.69	56.80	57.90	25.1	24.6	30.4	29.6	26	27.3	31.7	24.3	95	96	75	78	93	89	25.4
5	57.01	57.48	57.92	56.85	57.05	58.33	26.9	24.9	27.7	28.4	26.8	26.5	28.7	24.5	92	96	85	85	86	89	1
6	57.21	57.48	57.79	56.58	56.87	58.93	24.4	24	29.5	30.5	28.6	27.4	31.7	23.5	94	97	78	74	81	90	------
7	58.12	58.20	58.64	57.40	57.91	59.91	24.6	24.1	30.5	30.1	27.4	25	31.6	23.6	91	95	76	77	88	95	22.6
8	58.17	58.69	59.22	56.87	58.17	59.74	24.4	24.4	27.9	27.6	27	26.8	29.9	24	95	97	82	87	83	89	1.5
9	58.57	59.29	59.33	57.39	58.11	59.03	24.4	23.9	29.6	30.1	28.2	25.5	31.3	23.1	93	93	76	75	81	91	------
10	58.62	58.78	59.06	57.65	57.93	58.59	24.4	24.6	30.7	30.5	27.9	24.9	31.1	23.7	94	94	78	72	84	93	------
11	57.74	58.20	58.88	56.91	57.61	58.48	24	24.1	30.4	31	28.4	25.8	31.5	23.1	96	95	70	68	76	89	------
12	57.73	58.13	58.83	57.34	58.61	59.77	24.5	24.3	28.4	29.1	25.8	24.8	30.1	23.5	93	94	82	80	88	93	2.5
13	58.22	59.67	59.65	58.01	59.40	60.50	24	24.1	29.4	26.9	26.5	24.9	29.9	23.5	96	96	77	87	93	93	12.4
14	58.93	59.50	60.18	57.93	58.71	59.81	23.9	24.1	30.6	30.5	28.6	26.4	32.6	22.9	96	95	75	68	80	88	------
15	58.58	59.21	60.04	58.43	59.38	60.57	26.7	25.5	31	31.7	27	26.4	32.7	24.8	88	88	72	62	89	93	4.8
16	59.42	59.63	60.02	58.13	59.04	60.45	24.8	24.4	29	30.9	27.3	26	31.7	24	92	91	74	64	87	91	------
17	59.85	60.13	60.70	59.65	59.51	59.89	24.5	25.4	29.6	28.6	26.4	25.1	32.4	24.2	89	83	72	74	84	88	------
18	59.24	59.98	60.14	58.84	59.28	59.26	25.5	24.2	30.6	31.4	27.9	25.4	32.2	23.8	88	92	68	63	72	86	------
19	59.08	59.28	59.74	57.73	57.74	58.86	24.1	24.1	31.1	31.3	28.2	25.1	33	23.3	91	93	67	64	73	87	------
20	58.25	58.99	59.10	57.35	57.08	58.45	24.1	26.5	31.6	32	28.5	25.1	33.1	23	90	85	64	60	75	90	------
21	57.57	58.07	58.11	56	57.30	58.10	23.6	24	30.2	31.2	28.4	25.7	33.2	23	92	91	70	60	81	91	8.9
22	57.48	58.11	58.32	56.53	57.34	58.68	25	25.1	28.4	29.2	27.9	25.8	30.5	24.5	92	92	81	76	78	90	------
23	56.96	57.77	57.70	56.58	57.32	58.63	24.5	24.4	29.6	29.7	26.9	25	30	23.7	95	94	78	77	85	94	11.2
24	57.40	57.87	58.37	56.45	56.85	58.80	24.5	24.5	26.6	29.1	27.5	25.6	29.9	24	96	96	80	79	89	94	3.8
25	57.62	58.22	58.54	56.59	58.12	59.50	24.9	24.8	30.1	29.1	25.9	24.5	31.8	24.2	96	96	77	78	92	93	4.1
26	57.19	58.66	58.91	56.94	57.89	59.49	23.5	23.1	29.3	30.5	27	24.9	31	22.5	95	96	77	68	83	92	------
27	57.78	59	58.96	56.69	57.01	59.32	23.9	24	28.1	29.4	27.8	25.5	31.9	23.2	96	95	76	76	76	88	------
28	57.92	57.95	58.86	57.55	58.15	59.03	23.9	23.4	29.2	29.2	27.6	25.6	30.4	22.5	91	93	74	78	84	92	------
29	58.52	59.04	59.75	57.72	58.41	59.55	24.1	24	30.1	30.2	28.5	26.1	31.6	23.3	95	96	75	75	79	88	------
30	58.01	58.58	58.98	57.35	57.83	59.17	24.5	24.6	30.9	28.7	28.1	25.4	31.1	23.5	93	92	76	76	79	88	12.2
Mean	58.02	58.56	58.98	57.27	57.89	59.17	24.6	24.5	29.8	29.9	27.5	25.7	31.4	23.6	93	93.4	75.2	73.2	83	90.6	------
Total																					116.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	1	Calm	----	NE	1	ENE	2	E	2	SE	1	4	------	Cu. NE	7	------	Cu. NE
2	SSE	0	Calm	----	E	2	E	2	E	2	S	1	7	A.-Cu. S	Cu. E	8	Ci.-S.	N.-cf. E
3	E	1	Calm	----	E	2	E	4	ESE	3	ESE	1	8	Ci.	N.-cf. E	7	Ci.-S. N	Cu. E
4	SbyW	0	Calm	----	E	3	ENE	3	SE	1	E	2	5	Ci. NE	Cu. E	8	Ci.-S.	N.-cf. E
5	NE	2	Calm	----	E	1	ENE	1	E	2	E	1	10	------	Fr.-N. ESE	10	------	N.-cf. SE
6	SSE	0	Calm	----	E	2	E	3	E	2	NE	2	7	Ci.	Cu. SE	4	Ci. E	Cu. SE
7	SE	1	Calm	----	E	1	NE	1	ESE	1	S	1	4	Ci.	Cu. E	8	Ci.-S.	Cu. E
8	Calm	----	Calm	----	E	1	Calm	----	ESE	1	NE	2	10	------	Fr.-N. E	10	------	N.
9	S	1	Calm	----	ENE	2	NNE	1	E	1	Calm	----	2	Ci.	Cu.	8	Ci.-S. E	Cu. SE
10	Calm	----	Calm	----	NNE	1	E	1	Calm	----	Calm	----	2	A.-Cu.	Cu. E	8	Ci.-S.	Cu. E
11	Calm	----	S	1	ENE	1	E	1	NNE	2	Calm	----	7	Ci.-S. NW	Cu. SE	5	Ci. NE	Cu. SE
12	S	0	Calm	----	Calm	----	NNE	1	Calm	----	Calm	----	5	Ci.-S.	Cu. E	8	A.-Cu.	Cu.-N. NE
13	Calm	----	Calm	----	NNE	1	Calm	----	Calm	----	S	0	8	------	N.-cf. E	6	Ci.-S. NE	Cu.-N.
14	Calm	----	Calm	----	ENE	1	NW	1	NNW	1	S	0	5	Ci.-S. E	Cu.	8	Ci.-S. E	Cu.-N.
15	WbyN	1	Calm	----	WNW	1	W	3	Calm	----	Calm	----	10	A.-Cu. E	Cu.	6	Ci.-S. N	Cu.-N. E
16	SSW	0	Calm	----	W	2	WbyS	2	NNW	2	Calm	----	10	A.-S.	Fr.-N.	5	Ci. E	Cu.-N. WSW
17	S	0	Calm	----	WbyN	2	W	4	Calm	----	WSW	1	9	A.-Cu. S	S.-Cu.	9	Ci.-S.	N.-cf. WSW
18	Calm	----	Calm	----	WSW	3	SW	1	Calm	----	SSE	1	10	A.-S.	Cu.	9	Ci.-S. NW	Cu. WSW
19	Calm	----	Calm	----	WSW	2	W	2	Calm	----	Calm	----	8	Ci.-S. ENE	Cu.	7	Ci.-S. NE	Cu. WSW
20	Calm	----	SSW	0	WSW	3	WSW	1	Calm	----	SSW	1	4	Ci. NE	Cu.-N. W	6	Ci.-S. NW	Cu.-N. W
21	Calm	----	Calm	----	W	3	W	1	Calm	----	Calm	----	7	Ci.-S. NE	Cu. W	8	Ci.-S. NE	Cu.
22	NW	2	Calm	----	E	1	ESE	1	NNE	1	Calm	----	8	Ci.-S. NE	Cu.-N.	9	Ci.-S. NE	Cu.
23	Calm	----	Calm	----	NNE	1	NNW	1	SSE	1	Calm	----	5	A.-Cu.	N.-cf. NE	7	A.-Cu. N	N.-cf. NE
24	Calm	----	SSW	1	ESE	1	E	1	NNE	0	Calm	----	8	Ci.-S. N	N.-cf. NE	9	Ci.-S.	Fr.-N. NNE
25	Calm	----	Calm	----	E	1	WNW	1	EbyS	1	Calm	----	9	A.-Cu. E	Cu.	9	Ci.-S.	Fr.-N. SW
26	SSW	0	Calm	----	NE	1	NE	1	S	1	Calm	----	5	Ci. E	S.-Cu.	4	A.-Cu. SE	Cu. E
27	Calm	----	Calm	----	ESE	1	E	3	E	1	Calm	----	9	Ci.-S.	Cu.-N. SE	9	Ci.-S. SW	Cu.
28	Calm	----	Calm	----	E	1	NE	2	EbyS	1	Calm	----	5	Ci.-S. S	Cu.	9	Ci.-S.	N.-cf. E
29	Calm	----	Calm	----	E	1	NNE	1	NE	2	SSE	1	6	Ci.	Cu.	4	Ci.-S.	Cu. E
30	Calm	----	Calm	----	W	1	E	1	E	1	S	0	2	Ci.	Cu.	5	A.-Cu.	Cu. E
Mean	-------	0.3	-------	0.1	-------	1.5	-------	1.6	-------	1	-------	0.5	6.6	------	------	7.3	------	------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

JULY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.93	57.18	57.51	55.54	56.57	57.38	24.4	24.2	30	30.1	25.8	24.6	31	23.5	95	96	75	75	85	93	------
2	56.13	56.32	57.05	55.11	55.71	57.12	23.9	23.9	28.6	29.1	28	25.6	31.5	23.3	94	96	80	81	82	93	8.4
3	56.17	56.97	57.11	55.96	56.00	58.03	24.7	24.3	30	28.7	27.1	25.1	30.5	23.8	95	96	74	80	87	95	14.7
4	56.99	57.39	58.04	56.48	56.76	58.23	24.4	24.1	27.3	27.2	26	24.6	29	23.6	96	97	85	83	85	95	7.9
5	57.39	57.60	57.70	55.81	57.16	57.94	24	23.5	26.9	29.1	25.9	24.9	30	23	96	96	75	75	89	92	------
6	57.13	57.10	57.71	56.52	56.84	58.70	23.9	23.8	26.8	27	25.3	24.6	29.6	23.2	96	94	83	85	93	95	22.1
7	57.32	57.79	57.92	56.78	57.78	58.59	23.6	23.8	27	27.6	26.2	24.7	28.6	23.2	96	97	86	85	85	92	7.1
8	57.34	58.55	58.61	57.16	58.37	59.25	23.8	24.4	30.4	30.7	27.5	24.5	31.7	23.5	94	96	69	67	79	92	------
9	58.27	59.04	58.91	56.70	57.61	59.13	23.5	24.1	29	29.9	27.5	24.5	31.5	22.9	93	91	72	65	84	91	15.5
10	58.18	58.95	58.19	56.81	57.67	58.18	24.4	23.9	28.2	29.9	27	25.7	30.5	23.3	92	96	83	76	83	94	1
11	56.88	57.55	58.13	56.26	56.60	57.51	24.7	24	27.2	29.2	26.8	25.1	30.1	23.5	95	96	85	73	84	88	30.5
12	57.07	57.15	57.32	55.99	57.14	58.93	23.7	23.1	27.9	30.5	25.5	24.4	31	22.8	96	96	82	65	91	93	2.3
13	58.08	58.32	59.11	57.39	57.64	59.16	24	23.9	29.3	30.6	28.3	25.6	31	23.2	92	94	72	70	82	90	------
14	57.97	58.67	59.15	57.41	58.50	59.65	24.1	24	29.3	29.7	27.6	25	30.6	23.4	95	95	80	72	83	94	------
15	58.43	59.03	58.87	57.54	58.31	59.49	23.8	23.7	29.7	28.4	27	25.6	31.1	23.2	95	95	79	77	83	91	10.4
16	58.68	58.74	59.34	57.89	57.88	59.53	24.9	24	28.1	25	24.8	24.1	28.7	23.2	92	96	83	94	94	95	8.9
17	57.76	57.10	58	56.59	57.45	58.99	23	23.2	28.3	29.4	26.2	25.1	30.9	22.6	97	96	78	74	91	94	3
18	57.58	57.87	58.58	57.04	57.87	59.77	23.9	23.8	28.6	30.6	27.6	26	30.8	23.2	97	96	76	75	85	93	------
19	58.71	59.07	59.71	57.84	58.26	59.29	25	25.1	30.1	29.5	27.8	26.4	31.6	24.7	92	92	69	74	79	86	4.3
20	59.19	59.37	59.46	58.35	58.29	58.90	25.1	24.4	26.4	23.9	24.6	24.2	27.9	22.9	91	93	89	94	92	95	49.5
21	58.05	58.36	58.53	56.96	57.45	58.91	22.6	23.8	26.8	30.6	27.2	25.6	31.1	22.2	95	97	86	65	82	88	22.4
22	57.87	58.02	58.42	57.06	57.97	59.40	24.4	24	29.4	27.8	26.9	24.1	31.2	23.1	92	94	73	83	80	93	------
23	58.09	58.25	58.36	56.36	57.06	58.18	24	24.6	29.4	30.8	27.5	25.3	31.9	22.7	93	94	71	70	80	93	1.5
24	56.95	57.19	57.18	55.63	56.34	57.26	25.1	25.5	29.6	30.7	27.5	27	31.8	24.2	92	93	72	67	78	81	------
25	55.94	55.82	56.42	55.19	56.66	57.64	26	27.1	30.1	30.5	27.6	27.6	31.7	25	80	71	68	66	77	80	------
26	56.28	56.91	57.09	55.89	56.72	58.46	27.5	26.7	30.6	30.8	28.4	27.5	32.5	25.7	78	75	61	61	72	84	------
27	57.15	56.90	57.58	56.44	56.99	58.11	27.5	26.7	32.4	32.9	28.5	27.5	33.8	25.8	83	81	50	53	72	81	------
28	56.75	56.11	56.64	54.73	55.41	57.23	27.1	25.9	31.6	32.4	28.4	25.6	33.6	25.1	83	82	56	62	77	88	------
29	55.67	56.04	56.56	55.27	55.60	57.90	24.7	26.1	32.5	33.9	28.9	26.2	34.7	24.3	92	74	50	51	73	86	------
30	56.86	58.01	58.13	57.19	58.09	59.84	27.2	25.6	32.8	32.8	28.7	27.1	34	25.4	84	90	58	61	73	82	------
31	58.36	58.36	59.04	57.84	58.04	59.42	26.9	25	32.5	33.6	29.4	25.7	34.1	24.5	86	92	63	56	72	86	------
Mean	57.46	57.73	58.08	56.57	57.25	58.58	24.7	24.5	29.3	29.8	27.1	25.5	31.2	23.7	91.8	91.8	73.6	72.1	82.3	90.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	209.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	NE	1	NNE	1	ESE	1	Calm	----	9	A.-S.	N.-cf.	4	Ci. S	Cu.-N.
2	Calm	----	Calm	----	E	1	N	1	NE	1	Calm	----	10	------	Fr.-N. E	7	Ci.-S. N	Cu.-N. S
3	Calm	----	S	0	E	1	WNW	0	Calm	----	Calm	----	9	Ci.-S.	N.-cf. ESE	10	Ci.-S.	N.-cf. E
4	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	10	------	Fr.-N. ENE	10	A.-Cu.	N.-cf. ENE
5	Calm	----	SE	1	ESE	1	NE	1	NNE	0	Calm	----	10	Ci.-S.	Fr.-N.	6	Ci.-S. E	Cu.-N.
6	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	ESE	0	10	A.-S.	S.-Cu.	10	------	Fr.-N. SW
7	Calm	----	Calm	----	SSW	0	SW	1	Calm	----	Calm	----	10	A.-S.	Fr.-N. SSW	10	Ci.-S.	N.-cf. S
8	Calm	----	Calm	----	WSW	2	WSW	1	Calm	----	SW	0	10	------	S.-Cu. W	8	A.-Cu. SW	S.-Cu. W
9	SW	1	Calm	----	SW	2	WSW	2	Calm	----	Calm	----	7	Ci.-S. NE	S.-Cu. SSW	8	Ci.-S. NE	Cu.
10	NNW	1	Calm	----	Calm	----	E	1	Calm	----	Calm	----	10	------	N.	7	A.-Cu. NW	Cu. SW
11	SW	0	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	9	A.-S.	S.-Cu.	10	Ci.-S.	Cu. SW
12	Calm	----	SSE	0	Calm	----	W	2	Calm	----	Calm	----	10	------	N.	10	A.-Cu. SW	N.-cf. W
13	Calm	----	Calm	----	ENE	1	E	0	Calm	----	Calm	----	9	A.-Cu. SW	S.-Cu.	7	Ci. S	Cu.-N.
14	Calm	----	Calm	----	NNW	1	E	0	Calm	----	Calm	----	9	A.-Cu. N	S.-Cu.	9	Ci.-S.	Cu.-N. ENE
15	Calm	----	Calm	----	W	0	E	1	Calm	----	Calm	----	3	Ci. ESE	Cu.-N.	9	------	N.-cf. NE
16	NW	2	W	1	W	1	SW	0	Calm	----	Calm	----	9	Ci.-S. NE	Fr.-N. NW	10	------	N.
17	Calm	----	Calm	----	W	1	WNW	2	SE	1	Calm	----	9	A.-Cu.	S.-Cu.	7	Ci.-S.	Cu.-N. S
18	Calm	----	Calm	----	E	1	NNW	0	Calm	----	Caim	----	8	Ci.-S. E.	Cu.	9	Ci.-S. ESE	Cu.
19	Calm	----	Calm	----	W	2	WNW	2	Calm	----	Calm	----	10	A.-S.	N.-cf. WSW	7	A.-Cu. SW	Cu. W
20	Calm	----	Calm	----	SW	1	SW	0	SW	1	WNW	0	10	------	Fr.-N. SW	10	------	N.
21	Calm	----	Calm	----	W	1	WbyS	3	WSW	3	Calm	----	9	------	Fr.-N. WSW	7	Ci.-S.	Cu. W
22	Calm	----	Calm	----	WSW	1	WNW	3	Calm	----	Calm	----	7	A.-Cu. NE	Cu. W	8	Ci.-S. E	Cu. WSW
23	Calm	----	Calm	----	W	3	W	2	W	1	Calm	----	4	Ci.	Cu.-N.	4	Ci. S	Cu. WSW
24	Calm	----	SW	2	SW	3	WSW	3	SW	2	SW	4	9	------	N.-cf. W	5	Ci.-S.	Cu. SW
25	SW	3	SW	5	SW	5	SW	5	SW	1	SW	0	7	A.-Cu. SE	Cu. SW	6	A.-Cu. SE	Cu. WSW
26	SW	2	S	1	SW	5	SSW	5	WSW	1	WSW	1	9	A.-S.	Cu. SW	9	Ci.-S.	Cu. SW
27	WSW	1	Calm	----	SW	2	SW	1	SW	1	SW	0	6	A.-Cu. SE	Cu. SW	4	A.-Cu. SE	Cu. SW
28	SW	0	Calm	----	SW	1	WbyS	1	SW	1	S	0	7	Ci.-S. N	Cu.	7	Ci.-S. N	Cu. SW
29	Calm	----	Calm	----	S	1	SW	2	SW	1	Calm	----	5	Ci.-S. N	S.-Cu.	5	Ci.-S. N	Cu.
30	Calm	----	Calm	----	SbyW	1	WbyS	2	WSW	0	Calm	----	3	Ci.	Cu.	3	Ci.	Fr.-Cu. SW
31	WbyS	0	Calm	----	SW	2	WSW	1	Calm	----	Calm	----	4	------	Cu. SW	2	Ci.	Fr.-Cu. SW
Mean	------	0.3	------	0.3	------	1.3	------	1.5	------	0.5	------	0.2	8.1	------	------	7.4	------	------

SURIGAO.

[ϕ=9° 48′ N ; λ=125° 29′ E ; barometer above sea, 6 meters ; gravity correction not applied, —1.86 mm.]

AUGUST, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.48	58.26	59.11	57.39	57.76	59.20	25.6	25.7	31.6	32	28.9	25.6	33	24.3	83	90	61	63	71	85	------
2	57.95	57.37	58.13	56.48	56.94	58.45	25.8	26	32.2	32.1	28.5	25.8	33.5	24.6	81	85	63	60	73	87	------
3	57.38	57.69	58.46	56.18	56.76	58.54	24.9	25.2	30.8	30.7	27.5	25.4	32.8	24.3	90	90	66	67	87	92	1
4	58.32	57.90	58.17	56.91	57.19	59.04	24.6	23.8	31.7	31.4	28.4	24.8	33.2	23.1	83	93	65	63	72	87	1.3
5	58.37	58.63	58.89	57.75	58.06	59.67	25.4	24.8	31.2	31.8	28.2	24.9	33.1	24.2	84	94	68	64	76	90	------
6	58.58	58.69	59.19	57.76	58.74	59.79	24.1	24.2	30.2	31.4	29	24	32.7	23.3	88	94	71	61	81	91	------
7	58.30	58.50	59.24	57.46	57.66	59.86	23.3	23.5	30.7	31	28.6	26.5	32.4	22.6	94	95	69	64	80	87	------
8	58.91	59.17	59.35	57.80	58.33	59.44	24	23.9	31.8	31.8	29.3	26.1	32.9	22.7	90	93	65	61	72	83	------
9	58.83	59.19	60.36	58.40	59.10	60.92	25	25.1	30.8	33	28.9	26.4	34.1	23.5	91	91	66	60	81	89	------
10	59.92	59.87	60.06	58.34	59.09	61.00	25.5	25.1	32.5	32.6	29.4	23	34	22.8	89	94	58	57	76	90	5.3
11	59.30	59.83	59.71	57.56	58.00	59.89	23.5	23.5	31.6	31.7	28.4	24.7	33.1	22.5	92	95	64	64	75	88	------
12	58.55	58.88	58.57	56.59	57.43	59.05	24	24.4	30.5	31	28.7	25.8	32	22.9	92	91	66	64	78	89	------
13	58	58.82	59.80	58.26	58.91	58.90	24.1	23.8	29.9	30.3	27.8	25.6	31	23.4	94	93	70	66	79	91	------
14	58.48	59.41	60.96	59.10	59.42	60.77	25	24.4	25.5	25.9	25.6	23.9	26.8	23.6	89	91	90	88	88	96	13.5
15	59.73	59.34	59.30	57.65	57.76	59.47	23.8	23.5	30.4	31.4	27.5	25.2	32	21.8	86	93	67	62	80	86	3.8
16	58.17	57.80	57.84	56.75	56.50	58.57	24.5	24.9	31.1	32	28.3	25.1	32.9	23.2	92	92	67	63	74	84	------
17	56.95	57.87	58.86	57.35	58.27	59.37	24.5	25	30.3	31.2	28	25.5	32	2[illegible]	92	88	73	63	79	88	10.7
18	58.57	58.87	59.90	58.29	60.00	60.75	25.1	24.4	28.5	31.4	25.5	24.1	32.4	23.8	88	94	82	62	93	91	3
19	59.03	59.85	60.21	58.47	59.08	60.30	23.3	23.2	29.2	29.3	27.6	25.3	30.1	22.5	93	95	74	72	82	80	------
20	58.68	58.70	59.00	57.04	57.46	58.58	23.6	23.9	31.3	31.2	28	25.7	32.1	22.6	95	93	67	68	81	90	------
21	57.23	58.10	58.67	56.88	57.75	59.30	24	24.4	30.2	30.1	28.4	27.4	31.6	23.4	96	93	68	60	77	81	------
22	58.06	58.53	59.47	57.43	57.68	59.19	24.8	24.6	26.1	26.8	26.5	24.6	27.1	24.2	92	94	89	84	88	95	8.4
23	58.03	58.28	58.96	57.24	57.86	59.17	24.3	25.7	25.7	29.7	27.3	25.4	30.5	23.4	96	93	95	77	86	93	6.9
24	57.48	57.72	58.81	56.61	57.80	59.02	24.2	24.2	27.1	27.6	25.9	24.9	30.9	23	96	96	88	87	88	96	3.8
25	57.63	57.78	58.47	56.90	58.43	58.55	23.9	24.2	30.7	29.3	24.3	23.1	31.7	22.7	97	96	72	81	94	96	11.4
26	57.40	57.59	58.22	56.43	57.58	58.88	22.5	22.3	29.7	29.6	28.3	25.6	30.9	21.5	94	94	73	70	82	88	------
27	57.47	58.07	58.91	56.71	57.95	58.87	24.2	25	31	31.6	28.9	26.3	32.6	23.1	93	91	67	66	82	87	------
28	57.41	58.08	58.83	56.46	57.10	58.63	24.6	24.4	30.6	31.2	27	25.5	32.1	23.6	92	94	71	73	80	92	2
29	57.26	57.43	58.26	56.41	56.63	58.58	24.6	25.7	30.6	31	28.4	25.8	32	23.7	94	91	78	65	82	92	------
30	56.89	57.30	58.21	56.39	57.30	59.01	24.4	24.3	30.9	30.5	26.1	25.4	31.8	23.5	94	94	74	66	90	93	6.4
31	57.43	57.69	58.30	56.16	57.28	58.99	24.2	24.1	29.7	31	28.2	27	31.5	23.1	94	95	72	72	83	88	------
Mean	58.15	58.43	59.04	57.26	57.93	59.35	24.4	24.4	30.1	30.7	27.8	25.3	31.9	23.3	91.2	92.8	71.6	67.8	81.1	89.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	77.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	W	2	Calm	----	WbyS	1	S	1	Calm	----	Calm	----	8	Ci.-S. NE	Cu. SW	9	Ci.-S. NE	Cu. SW
2	Calm	----	Calm	----	WSW	1	WSW	1	Calm	----	Calm	----	7	Ci. E	Cu. SW	9	Ci.-S. E	Cu. SW
3	Calm	----	Calm	----	SW	1	SW	1	Calm	----	WSW	0	8	A.-Cu. E	Cu.-N. SW	8	Ci.-S.	Cu. SW
4	W	0	Calm	----	SW	2	SW	2	Calm	----	SW	1	4	Ci. E	Cu. SW	4	Ci. E	Cu. SW
5	SW	1	Calm	----	WbyS	1	SW	2	Calm	----	Calm	----	10	A.-S.	N.-cf. SW	4	Ci. NE	Cu. SW
6	Calm	----	Calm	----	NW	1	WbyN	1	Calm	----	SW	0	8	A.-Cu. SE	S.-Cu.	5	Ci. E	Cu.-N. W
7	Calm	----	Calm	----	NNE	1	WNW	1	NNE	0	Calm	----	4	A.-Cu. SE	S.-Cu. W	5	Ci.	Cu.-N. W
8	Calm	----	Calm	----	NNE	1	W	2	Calm	----	Calm	----	2	Ci.	Cu.	4	Ci.	Cu. S
9	Calm	----	Calm	----	NW	1	WbyS	0	Calm	----	Calm	----	7	Ci.-S. NW	Cu. SW	8	Ci.-S. NW	Cu. SW
10	Calm	----	Calm	----	WSW	1	SSW	0	Calm	----	Calm	----	7	Ci.-S. NE	Cu.	6	A.-S.	Cu. SW
11	Calm	----	Calm	----	W	1	SW	2	Calm	----	Calm	----	3	Ci.	Cu.	4	Ci.	Cu.-N.
12	Calm	----	Calm	----	W	2	W	1	Calm	----	Calm	----	1	Ci.	Cu.	3	------------	Cu.-N.
13	Calm	----	Calm	----	NW	0	NW	1	EbyS	1	Calm	----	4	Ci.-S. ENE	Cu.-N.	9	Ci.-S.	Cu.
14	Calm	----	Calm	----	WbyN	1	Calm	----	Calm	----	Calm	----	10	------------	Fr.-N. SW	10	------------	Fr.-N. SW
15	Calm	----	Calm	----	SW	1	S	1	SW	0	Calm	----	8	------------	S.-Cu. WSW	4	------------	Fr.-Cu. WSW
16	W	1	Calm	----	W	2	SW	2	Calm	----	Calm	----	5	Ci.	Cu. SW	5	Ci.-S.	Fr.-Cu. SW
17	Calm	----	SW	1	SW	1	SW	1	Calm	----	SW	0	8	Ci.-S. E	Cu.-N.	8	Ci.-S. E	Cu. SW
18	Calm	----	Calm	----	Calm	----	SW	1	SSE	0	Calm	----	10	A.-S.	Cu.-N.	8	A.-Cu. SE	Cu.-N. SW
19	Calm	----	Calm	----	N	1	W	1	ENE	1	S	0	9	Ci.-S. NE	Cu.-N. W	4	Ci.	Cu.-N. W
20	SSW	0	Calm	----	NNE	1	N	1	ESE	0	Calm	----	3	Ci. E	Cu.	8	A.-Cu. SE	Cu. NE
21	Calm	----	Calm	----	E	1	E	1	NE	2	E	1	4	A.-Cu. SE	Cu.-N.	4	A.-Cu. SE	Cu. E
22	SSE	0	Calm	----	Calm	----	Calm	----	NNE	1	Calm	----	7	------------	Cu.-N. E	10	------------	Fr.-N. E
23	Calm	----	Calm	----	Calm	----	NNE	1	E	0	Calm	----	5	A.-Cu. SE	N.-cf.	9	Ci.-S. SE	N.-cf. NE
24	Calm	----	Calm	----	Calm	----	NNE	1	NNE	2	Calm	----	3	Ci. NE	Cu. E	8	Ci.-S. NE	Cu.-N.
25	Calm	----	Calm	----	NE	1	NNW	0	Calm	----	Calm	----	4	Ci.	Cu. ENE	9	A.-Cu. E	Cu.-N. ENE
26	Calm	----	Calm	----	E	0	E	1	NNE	1	Calm	----	9	Ci.-S. NE	Cu. SE	7	Ci. NE	Cu.-N.
27	Calm	----	Calm	----	EbyN	0	EbyN	1	NE	1	Calm	----	6	A.-Cu. SE	Cu.	2	------------	Cu.
28	Calm	----	Calm	----	E	1	EbyN	1	ESE	0	Calm	----	4	Ci. SE	Cu.	4	Ci.	Cu. E
29	Calm	----	Calm	----	NNE	1	E	1	NE	0	Calm	----	6	Ci. NE	Cu.-N.	5	A.-Cu. ESE	Cu.-N. E
30	Calm	----	Calm	----	E	0	E	1	EbyS	0	Calm	----	4	Ci. NE	Cu. E	4	Ci. NE	Cu.-N. E
31	S	0	Calm	----	E	1	E	1	NNE	1	Calm	----	9	Ci. NE	Cu.	3	Ci. NE	Cu. E
Mean	-------	0.1	-------	0	-------	0.8	-------	1	-------	0.3	-------	0.1	6	------------	------------	6.1	------------	------------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

SEPTEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.26	57.54	58.16	56.36	57.71	58.87	25.1	25	29.6	29.3	26.3	24.7	31.3	24	93	92	77	80	88	94	16
2	57.59	57.85	58.53	56.29	57.20	58.56	24.5	23.9	27.1	30.4	26.8	24.9	30.9	23.5	96	96	87	72	87	93	4.8
3	57.27	57.60	58.37	56.11	57.52	58.56	23.7	23.4	27.5	28.3	26.7	25.2	29.5	23	95	96	83	79	87	93	5.1
4	57.60	57.78	57.87	56.28	57.16	58.29	25.2	25.1	29.6	31	25.9	24.5	31.6	23.8	88	88	68	70	82	88	43.4
5	56.60	57.60	57.50	56.33	57.10	59.21	24.8	24.9	25.1	28	27.1	25.5	29	23.7	91	83	80	75	78	78	3.3
6	56.61	57.74	58.41	56.16	56.86	58.22	26	26.6	29.6	30.6	27.9	27.9	31.9	25.3	79	75	68	64	71	74	------
7	57.11	57.53	57.85	56.06	56.52	58.27	27.4	26.7	29.3	28.6	27.6	27.8	30.5	26.4	82	86	76	77	84	82	4.3
8	56.11	57.57	58.03	56.04	56.71	57.51	25.4	23.7	26.6	29.5	27	26	31	23.4	88	91	86	75	77	78	------
9	56.71	57.38	57.59	56.39	56.86	58.62	26.3	27	30	30.5	27.6	26.5	31.5	24	82	81	68	65	80	78	4.3
10	57.83	58.18	58.46	56.87	57.65	58.56	27.2	26.8	32	31.4	28.6	26.8	33.6	25.8	86	86	64	60	74	80	------
11	57.24	57.80	57.93	56.34	57.29	58.41	27.5	27.6	31.9	32	28.2	26.3	33.7	25.9	78	84	71	60	79	87	------
12	57.16	57.13	57.33	55.77	56.19	57.41	27.2	27	31.7	32.3	28.1	27.5	33.7	26	78	81	64	62	70	80	------
13	56.26	56.86	57.38	55.36	55.59	57.29	26.5	25.0	32	32	28.9	26.4	33.5	24.4	83	89	63	66	63	76	------
14	55.74	55.72	55.81	54.39	54.70	56.24	27.5	27.5	32.6	32.5	28.7	28.2	33.6	25.7	84	82	61	59	69	88	------
15	55.11	55.25	56.04	54.89	55.40	56.01	27.7	26.6	31.1	32.5	28.6	27.7	33.1	26.4	83	86	67	64	75	76	------
16	54.89	56.67	56.07	54.91	56.54	58.22	27.6	27.5	29.7	31.2	27.3	23.6	32.4	23.3	77	77	72	61	79	94	31
17	56.62	56.53	57.77	56.06	56.10	57.67	25.3	26	28.4	28.4	26.8	26.7	30	23.3	87	84	72	73	75	74	------
18	56.23	56.81	57.27	55.60	56.30	57.65	26	24.7	30.4	33.7	27.6	25.8	34.5	24.5	75	85	70	50	77	86	------
19	56.06	57.08	57.56	56.22	56.68	57.75	24.8	24.3	30.5	32.8	28.5	26.5	33.5	23.9	90	93	76	59	80	87	------
20	57.06	58.10	58.76	56.64	57.63	58.97	25.3	24.4	30.2	31.3	28.5	26.4	32.2	24.1	93	94	76	70	79	90	------
21	57.88	58.47	58.93	57.22	58.55	60.09	25	25.4	31.2	31.1	28.5	26.1	32.5	23.6	91	88	67	67	80	88	------
22	59.01	59.43	59.88	57.91	58.23	59.71	25.1	23.7	29.9	30.5	28	25.7	31.5	23.3	84	94	76	73	85	90	1.3
23	58.11	58.54	59.56	57.71	58.30	59.42	25.4	24.5	24.1	27.1	24.9	24.1	27.5	23.5	93	92	94	85	96	97	39.9
24	58.20	58.26	59.32	57.54	58.43	59.49	23.1	23.4	28.1	30.5	27	25.2	31	22.6	96	93	82	66	80	90	2.8
25	58.02	58.27	58.81	56.74	57.54	59.65	25	25	30.9	30	27.9	25.9	32.6	24.4	90	92	66	71	79	88	4.3
26	58.67	59.50	60.20	58.10	59.24	61.57	25.5	24.5	27.8	31	27.5	25.6	31.6	24.2	90	94	85	69	79	85	------
27	60.86	61.11	62.15	59.81	60.76	61.95	24.1	24	29.7	30.9	27.1	24.9	32	23.3	87	92	74	64	83	91	5.3
28	60.12	60.56	61.90	58.11	58.74	59.52	23.7	23.9	25.6	27.6	25.9	23.7	28.5	23.3	94	95	95	81	89	94	5.3
29	57.33	57.31	58.60	55.27	55.93	57.63	22.8	23.5	25.5	26.8	27.3	24.9	27.5	22.5	96	96	96	86	82	94	5.3
30	56.53	56.83	57.78	55.10	56.57	57.49	23.7	22.9	28.7	29.6	27.4	25.1	30.2	22.5	95	96	78	75	85	92	------
Mean	57.26	57.77	58.33	56.42	57.20	58.56	25.5	25.2	29.2	30.4	27.5	25.9	31.5	24.1	87.5	88.7	75.4	69.3	79.7	86.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	176.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	N	1	Calm	----	ESE	0	Calm	----	4	Ci.	Cu. ENE	9	Ci.-S.	Cu.-N. ENE
2	SSE	0	Calm	----	Calm	----	NE	1	Calm	----	Calm	----	9	Ci.-S.	Fr.-N. E	7	Ci.-S. SE	Cu. E
3	Calm	----	Calm	----	NW	1	WNW	1	Calm	----	Calm	----	10	A.-S.	N.-cf. SW	7	Ci.-S. E	Cu.-N. SW
4	WNW	1	WSW	1	W	4	W	3	W	1	SW	1	9	A.-Cu. SE	N.-cf. wsw	8	A.-Cu. SE	N.-cf. W
5	WSW	4	WSW	4	WSW	2	SW	0	SW	4	SW	5	10	----------	Fr.-N. W	10	----------	Fr.-N. SW
6	SW	1	Calm	----	SW	1	SW	1	SW	1	WSW	0	10	A.-S.	S.-Cu.	9	Ci.-S. N	S.-Cu. SW
7	WSW	0	WSW	0	E	1	SW	1	Calm	----	W	0	10	A.-S.	S.-Cu.	10	Ci.-S.	N.-cf. SW
8	Calm	----	Calm	----	Calm	----	SW	1	SW	4	SW	0	10	----------	Fr.-N. SW	10	A.-S.	Fr.-N. SW
9	SW	1	SW	0	SW	1	WSW	1	Calm	----	Calm	----	9	A.-Cu. E	N.-cf. wsw	9	Ci.-S. E	Cu. WSW
10	Calm	----	Calm	----	WSW	1	SW	2	Calm	----	Calm	----	8	Ci.	Fr.-cu. wsw	7	A.-Cu. E	Cu. WSW
11	WSW	1	WSW	2	WSW	1	WSW	1	W	0	Calm	----	9	A.-Cu. E	Cu. SW	8	Ci. NE	Cu. SW
12	SW	1	SW	0	SW	1	SW	1	WSW	1	SW	0	9	Ci. NE	Cu. SW	7	Ci.-S. NE	Cu. SW
13	SW	0	Calm	----	WSW	1	WSW	1	SW	1	Calm	----	4	Ci. NE	Cu. WSW	2	Ci.-S.	Cu. WSW
14	WSW	0	Calm	----	WSW	1	SW	2	Calm	----	Calm	----	4	Ci.	Cu.	3	Ci.	Fr.-cu. wsw
15	SW	2	Calm	----	SW	1	SW	1	SW	2	SW	2	7	A.-Cu. NE	Fr.-Cu. SW	7	Ci.-S. N	Fr.-Cu. SW
16	SW	3	SW	1	SW	3	SW	2	SW	1	Calm	----	10	----------	N.-cf. SW	9	Ci.-S.	Fr.-cu. wsw
17	SW	0	SW	1	SW	5	SSW	2	SSW	1	WSW	1	10	A.-S.	N.-cf. W	10	Ci.-S.	Fr.-Cu. SW
18	Calm	----	Calm	----	E	1	SW	0	Calm	----	Calm	----	10	A.-S.	S.-Cu. W	9	A.-Cu. E	Cu. SW
19	Calm	----	Calm	----	NbyE	1	WbyS	0	Calm	----	Calm	----	10	A.-Cu. N	S.-Cu. SW	3	A.-Cu. N	Cu. SW
20	Calm	----	Calm	----	NNE	1	N	0	ESE	0	Calm	----	6	A.-Cu. S	S.-Cu. NW	5	Ci. NE	Cu. WNW
21	Calm	----	Calm	----	E	1	E	2	E	1	Calm	----	1	Ci.	Cu.	4	Ci. ENE	Cu.
22	Calm	----	Calm	----	NNW	1	Calm	----	Calm	----	Calm	----	3	Ci.	Cu.	4	Ci.-S.	Cu. N
23	Calm	----	Calm	----	Calm	----	W	1	Calm	----	Calm	----	10	----------	Fr.-N. N	10	----------	Fr.-N. N
24	Calm	----	Calm	----	SW	0	WbyS	1	Calm	----	Calm	----	9	A.-Cu. SE	S.-Cu. SW	4	Ci. NE	Cu. SW
25	Calm	----	Calm	----	WbyS	1	W	1	SW	0	Calm	----	7	A.-Cu. N	S.-Cu.	7	A.-Cu. E	Cu. WSW
26	Calm	----	Calm	----	Calm	----	WSW	1	Calm	----	WSW	0	10	----------	Fr.-N. W	7	Ci.-S. N	Cu. WSW
27	WSW	0	Calm	----	W	1	W	1	Calm	----	Calm	----	8	Ci. N	Cu. W	5	Ci.-S. N	Cu. W
28	Calm	----	SSW	0	Calm	----	Calm	----	Calm	----	Calm	----	10	----------	N.	10	----------	Fr.-N. W
29	Calm	----	SSW	0	Calm	----	Calm	----	WNW	1	Calm	----	9	A.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
30	WSW	1	Calm	----	WbyN	1	WbyN	1	Calm	----	SbyE	0	8	Ci.-S. NE	Cu.-N.	4	Ci. NE	Cu.-N.
Mean	-------	0.5	-------	0.3	-------	1.1	-------	1	-------	0.6	-------	0.3	8.1	----------	----------	7.1	----------	----------

SURIGAO.

[ϕ=9° 48′ N ; λ=125° 29′ E ; barometer above sea, 6 meters ; gravity correction not applied, −1.86 mm.]

OCTOBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.93	57.33	58.41	56.02	57.56	58.92	24.3	24.1	29.7	29.7	27.4	25.5	31.7	23.7	93	94	72	75	81	90	17.5
2	57.40	58.03	58.04	56.34	56.96	58.28	25	24	30.1	31	27.9	26	32.2	23.8	93	95	71	66	78	89	------
3	56.86	57.82	57.95	56.16	56.80	57.96	26.1	25.9	31.4	30.7	28.4	27.2	32.6	25.7	87	81	63	66	78	80	------
4	56.53	57.23	57.33	55.01	55.96	57.28	26.5	27.2	27	29.5	27.3	26.7	30.4	25.9	84	72	80	72	77	83	------
5	55.93	56.79	57.46	55.06	55.76	57.04	26.9	25.7	30.1	32.2	28.5	28	33.3	24.5	80	87	64	56	75	79	------
6	55.89	56.77	57.88	56.28	57.84	59.11	27.5	26.6	31.6	31.1	27.9	27	32.5	26.4	80	85	63	66	79	82	------
7	57.46	58.73	58.79	57.09	57.84	59.39	24.6	25.1	30.4	29.8	27.9	26.6	32.5	24.1	91	91	78	75	79	81	------
8	58.23	58.95	59.38	57.56	58.61	59.49	25	23.9	30.3	32.2	26.9	25.3	33	23.5	93	94	65	58	81	89	------
9	58.08	59.18	59.51	57.20	57.64	59	24.5	24.4	29.4	30.7	24.3	23.5	32.3	23.2	92	89	71	66	89	93	1
10	58.05	58.54	58.48	56.19	56.72	57.87	24	23.8	30.7	31.5	27.5	25.3	32.7	22.7	91	91	67	62	79	89	------
11	56.22	57.59	58.20	56.24	57.35	59.47	24.3	24	31.1	30.6	28.7	26.3	32.2	23.5	93	93	69	69	83	90	------
12	58.18	59.03	59.63	57.54	58.46	59.71	24.7	24.9	30.4	30.5	27.9	25.7	32.5	23.6	94	93	70	70	80	89	------
13	58.16	58.83	59.63	57.42	57.86	58.73	24.5	25	31.1	27	25.1	24.3	31.5	23.8	93	92	72	84	94	95	8.4
14	57.69	57.85	58.48	55.87	56.35	57.57	23.5	24.1	28.5	29.4	27.4	25	30.4	23.1	96	95	81	77	86	92	------
15	55.95	56.31	57.17	54.95	55.21	55.91	24	24	29.2	30.6	27.7	26.9	32.1	22.9	96	93	70	65	79	85	1.8
16	54.99	54.58	55.25	53.76	53.98	55.10	25.6	26.4	29.6	30.9	28	28.2	31.5	25.1	90	86	79	65	77	75	------
17	53.78	54.52	55.01	53.53	54.65	55.86	28	27.8	31.6	31.9	28.7	27.7	33.5	27.5	74	76	60	60	76	82	------
18	55.06	56.08	56.71	54.65	55.48	57.18	27.5	25.6	31.3	31.9	28.5	26.1	33.9	24.6	73	89	65	58	75	82	------
19	56.02	56.49	57.84	55.34	56.45	57.66	24.7	25.1	29.6	30.1	27.8	25.5	32.9	24	89	91	74	69	84	88	------
20	56.83	58.14	58.40	56.38	57.64	59.24	24.1	24	30.1	30.3	28.2	26	31.4	23.5	92	93	71	68	85	90	1.5
21	57.94	59.35	59.61	57.43	58.11	59.07	24.7	25.1	29.7	30.2	27.6	25.2	31	24.5	95	94	78	75	84	91	4.6
22	57.84	58.73	58.74	56.18	56.67	57.56	24.7	24.7	29.3	31.1	26.1	26.5	32.2	24	94	95	70	67	87	83	------
23	55.60	55.80	57.09	55.53	56.80	58.06	27.6	26.4	30.6	30.4	27.6	26.5	32.3	25.4	84	87	68	65	78	86	1
24	57.70	57.98	59.19	56.86	58.26	59.36	25.8	25.8	27.1	29.9	27.4	25.6	31.4	25.4	88	93	90	69	88	94	14.5
25	59.08	59.43	59.73	57.60	58.26	59.72	24.8	24.6	29.4	30	27.2	25.7	31	24.4	92	96	76	79	88	94	8.4
26	58.18	58.75	59.69	57.81	57.71	59.31	24.7	24.1	27.2	26.5	27.1	25	28.2	23.5	96	96	90	87	87	92	36.1
27	57.45	57.64	58.27	55.77	56.22	57.49	24.4	24.1	29.6	27.6	26	26.3	30.2	23.2	96	97	81	84	94	86	24.4
28	56.24	57.38	58.57	56.34	57.34	59.03	25.2	24.9	29.8	29.4	27.6	26.3	31.1	24.1	86	88	74	76	85	92	------
29	57.39	58.48	59.59	56.96	57.84	59.24	25.4	25.3	30.5	29.2	24.4	24.1	31.8	23.7	94	94	72	76	93	96	25.4
30	57.95	58.84	58.81	56.80	57.56	59.22	23.8	23.1	28.7	29.9	27.5	25.2	30.4	22.9	97	96	78	76	79	97	------
31	58.43	58.55	59.29	57.53	58.10	60.12	24.2	23.1	30.1	31	27.7	26	31.8	22.8	93	96	73	67	82	89	6.4
Mean	57.03	57.73	58.33	56.24	57.03	58.35	25.2	24.9	29.8	30.2	27.4	26	31.8	24.2	90	90.7	72.7	69.9	82.6	87.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	151

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	W	1	W by S	1	Calm	----	Calm	----	7	Ci. NNE	S.-Cu.	8	Ci.-S. NNE	Cu. W
2	SSW	0	Calm	----	SW	1	SW	1	SW	0	Calm	----	8	A.-Cu.	Cu. SW	10	Ci.-S. NE	Cu. SW
3	Calm	----	Calm	----	W	1	Calm	----	W	1	SW	2	9	A.-S.	Cu.	10	Ci.-S.	Cu. SW
4	SW	2	SW	1	WSW	1	WSW	1	WSW	0	Calm	----	10	A.-S.	N.-cf. WSW	10	Ci.-S.	N.-cf.
5	WSW	1	Calm	----	SSW	1	WSW	2	WSW	1	W by S	0	8	A.-Cu.	Cu. WSW	7	Ci.-S. SE	Cu. SW
6	WSW	1	Calm	----	SW	1	SW	2	WSW	1	WSW	0	9	Ci. NE	Fr.-Cu. WSW	9	A.-Cu. SW	Cu. W
7	Calm	----	Calm	----	ENE	1	NW	1	WNW	0	Calm	----	10	A.-S.	Fr.-Cu. SW	8	Ci.-S. NE	Cu. SW
8	Calm	----	Calm	----	WNW	1	W by N	0	Calm	----	Calm	----	5	A.-Cu. E	S.-Cu.	9	A.-Cu. E	Cu.-N. SW
9	Calm	----	Calm	----	W by S	1	W	0	Calm	----	Calm	----	10	A.-S.	S.-Cu. SW	8	A.-Cu. E	Cu.-N. NW
10	WSW	2	Calm	----	W	1	W	0	Calm	----	Calm	----	9	A.-Cu. E	Cu.-N. W	4	Ci.	Cu.-N.
11	Calm	----	Calm	----	ENE	1	E	1	NNE	1	Calm	----	5	Ci.-S. NE	Cu. SE	3	Ci.	Cu.
12	Calm	----	Calm	----	E	1	N by W	1	ENE	0	Calm	----	4	Ci. NW	Cu. NE	4	Ci. NW	Cu. E
13	Calm	----	Calm	----	NNE	1	N	2	Calm	----	Calm	----	2	Ci.	Cu.	9	------------	Fr.-N. NNE
14	Calm	----	Calm	----	N by W	1	NNE	0	Calm	----	Calm	----	4	A.-Cu. NE	Cu.	3	A.-Cu. NE	Cu. SE
15	Calm	----	Calm	----	W by N	0	W by N	1	Calm	----	Calm	----	3	Ci. ENE	Cu. N	8	Ci. E	Cu. N
16	WSW	0	WSW	1	SW	2	SW	3	WSW	1	SW	2	10	Ci.-S.	N.-cf. W	10	Ci.-S. N	Cu. SW
17	SW	4	SW	3	SSW	3	SSW	3	SW	1	W by S	1	9	Ci.-S. N	Cu. SW	8	Ci.-S. N	Cu. SW
18	WSW	0	Calm	----	ENE	1	W	1	Calm	----	Calm	----	8	Ci.-S. NNW	Cu.	6	Ci.-S. N	Cu. SW
19	Calm	----	Calm	----	NNE	1	WNW	1	Calm	----	Calm	----	2	------------	Cu.	6	A.-Cu. N	Cu.-N. SW
20	Calm	----	Calm	----	WNW	1	WNW	0	Calm	----	Calm	----	2	Ci.-S.	Cu.	5	------------	Cu.-N. E
21	Calm	----	Calm	----	NW	1	N	0	Calm	----	Calm	----	8	------------	N.-cf. N	5	Ci.	Cu.-N. N
22	W	0	Calm	----	W by N	1	W	2	W	1	W	1	8	Ci.-S. E	Fr.-Cu. NW	9	Ci.-S. E	Cu. NW
23	WSW	3	S	0	SW	2	SW	2	S	1	Calm	----	10	------------	N.-cf. W	10	Ci.-S.	Cu.-N. SW
24	Calm	----	Calm	----	Calm	----	WNW	1	Calm	----	Calm	----	10	------------	Fr.-N. NW	9	Ci.-S. N	Cu. NW
25	Calm	----	Calm	----	E	1	ENE	2	Calm	----	Calm	----	10	A.-Cu. NE	S.-Cu. NW	6	Ci.-S.	Cu. E
26	Calm	----	Calm	----	Calm	----	Calm	----	NE	2	Calm	----	9	Ci.-S. E	N.-cf. NE	10	------------	Fr.-N. E
27	Calm	----	Calm	----	NE	2	NE	4	E by N	3	ESE	1	9	A.-Cu. E	Fr.-N. NE	10	------------	Fr.-N. ENE
28	SE	1	Calm	----	E	2	E	1	Calm	----	Calm	----	6	A.-Cu. E	Cu. SE	10	Ci.-S.	Cu. SE
29	Calm	----	Calm	----	E by N	1	E by N	0	Calm	----	Calm	----	5	A.-Cu. SE	Cu. E	10	------------	N.-cf. SE
30	Calm	----	Calm	----	E	1	E	1	E	1	Calm	----	10	A.-S.	Cu. E	4	------------	Cu.-N. E
31	Calm	----	Calm	----	E	1	NNE	1	ENE	1	NNE	2	3	Ci.	Cu.	5	------------	Cu. ENE
Mean	-------	0.5	-------	0.2	-------	1.1	-------	1.1	-------	0.5	-------	0.3	7.2	------------	------------	7.5	------------	------------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

NOVEMBER, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.28	58.70	59.81	57.31	57.89	59.16	24	23.3	27.8	26.3	25.9	24.8	29.4	22.7	88	94	79	85	88	92	9.1
2	58.22	58.70	59.08	56.81	57.22	58.23	23.2	23.1	28	28.8	27.3	25	31.2	22.7	97	96	79	76	81	92	3
3	56.99	58.15	58.81	56.20	57.53	57.95	24.2	24.2	28.7	28.5	25.6	24.6	30.1	23.6	95	96	80	75	88	95	14.2
4	56.48	57.40	58.47	55.51	56.03	57.05	24.1	24.4	26.7	27.1	26.3	24.1	27.5	23.3	96	97	87	84	87	96	57.9
5	54.90	55.14	55.76	52.95	53.04	53.01	24.5	23	24.4	26.1	25.1	25.1	27.4	22.5	96	96	96	89	92	94	111.5
6	50.95	50.22	52.51	52.55	54.55	56.15	24.5	24.6	24.1	25.1	24.5	24.4	26	23.6	94	95	91	83	89	88	33
7	55.98	57.18	57.89	55.02	56.05	57.99	24.2	23.6	29	30.1	27.2	25.7	31.4	23.2	95	93	71	71	87	93	------
8	56.72	57.84	58.01	55.70	56.74	58.71	24.7	24.3	29.6	29.2	28.1	26	31.6	24	94	95	78	77	80	90	------
9	58.01	58.63	59.15	57.71	58.47	59.96	24.9	24.3	29.9	28.8	26.1	24.9	31	23.8	93	95	80	81	93	96	3.3
10	58.68	60.20	60.22	58.12	58.78	60.01	24	24.2	28.3	29.8	26.5	24.5	31	23.6	96	95	77	73	84	96	16.3
11	59.14	60.31	61.02	58.27	58.73	60	23.4	23.6	25	29	26.2	24.4	30.4	23.1	95	96	95	78	87	94	5.8
12	58.90	59.21	59.96	57.87	58.77	60.25	23.1	23.3	28.7	28	27.1	24.5	30	22.8	96	96	81	84	86	92	------
13	59.12	58.94	59.50	57.71	57.67	58.52	23.4	23	26.7	27.1	26.6	25.5	27.8	22.4	96	96	87	82	84	86	3.3
14	56.32	55.13	55.13	52.85	53.63	54.93	24.7	25.2	26.6	26.2	24.5	24	28.4	23	93	88	83	85	88	91	61
15	54.35	55.53	56.17	54.34	56.04	57.43	25.3	26.5	29.7	31	27	25.6	32.5	23.6	84	80	69	63	83	88	------
16	56.68	57.53	57.36	55.54	56.62	57.94	24.7	23.9	29.2	30.5	27.3	25.5	31	23.6	90	93	78	68	88	93	------
17	56.59	57.24	58.07	55.94	57.09	57.85	24.7	24.3	28.7	30.9	27.7	25.7	31.7	24	95	95	83	73	88	92	------
18	56.95	57.64	58.03	56.46	57	58.26	25.1	24.5	28.7	29.1	27.4	27.4	30.8	23.3	94	93	76	77	79	81	------
19	57.26	57.92	58.25	55.92	56.82	58.03	26.5	25.1	28.1	29.9	27.5	25.5	31.8	24.8	86	92	85	69	81	90	9.7
20	57	58.23	58.37	56.14	57.39	58.83	24.3	23.9	28.1	30.2	27.9	25.2	31.5	23.6	94	95	85	76	79	92	2.3
21	58.05	58.89	59.96	57.70	58.39	59.91	24.2	23.5	29.6	30.2	27.9	25.6	31.1	23.2	91	95	80	74	89	92	------
22	58.87	59.37	59.85	57.65	58.15	59.71	24.5	23.4	29.5	30	27.6	25.9	30.9	23.1	87	96	76	73	82	90	------
23	58.07	59	59.80	57.54	58.04	59.12	24.4	24.1	28.7	28.8	26.5	25.2	30.6	23.8	94	91	80	79	86	93	------
24	58.57	58.70	59.27	57.17	57.78	58.83	24	23.6	30.1	26.5	27	26.5	31.2	23.4	94	96	75	87	81	87	5.1
25	58.12	58.35	59.31	57.22	57.48	58.66	24.1	22.9	29.3	26.9	26.7	26.5	30.5	22.6	89	96	73	90	86	84	40.4
26	57.98	58.14	59.08	57.06	57.12	58.73	23.9	23.6	24.8	25.5	25.7	24.5	26.7	23.2	93	95	94	93	92	94	27.4
27	58.15	58.50	59.72	57.13	58.07	59.62	24	23.4	25.1	28.3	26.7	25.5	28.6	23.2	92	97	95	82	88	93	10.2
28	58.18	59.43	59.45	58.70	58.94	59.35	24.8	23.9	23.7	24.8	24.9	24.6	26	22.8	96	97	96	90	90	92	10.9
29	58.39	59.23	59.75	58.01	58.38	59.22	24	23.2	28.1	28.7	25.7	24.5	29.7	23.1	97	98	81	82	89	94	31.8
30	58.67	59.30	59.79	57.53	58.52	59.24	25	25.3	28.9	28.4	26.6	25.1	30.2	23.8	93	94	81	81	90	94	9.7
Mean	57.39	57.96	58.58	56.49	57.23	58.42	24.3	24	27.8	28.3	26.6	25.2	29.9	23.3	93.1	94.4	82.4	79.3	86.2	91.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	465.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	EbyN	0	Calm	----	N	1	Calm	----	Calm	----	Calm	----	8	A.-Cu. NE	S.-Cu.	8	A.-Cu. N	N.-cf. NE
2	Calm	----	Calm	----	WNW	0	NW	1	Calm	----	Calm	----	5	Ci.-S. N	N.-cf. NE	4	A.-Cu. NE	Cu. NE
3	Calm	----	Calm	----	W	1	WNW	1	NW	0	Calm	----	9	----	Fr.-N. N	8	Ci.-S. NE	Cu. N
4	Calm	----	Calm	----	NNW	1	WNW	0	Calm	----	Calm	----	10	A.-Cu. N	Fr.-N. N	10	A.-Cu.	N.-cf. N
5	W	1	W	0	W	1	WbyN	1	WbyS	1	WbyS	2	10	----	N.	10	----	N. NW
6	W	3	WSW	4	SW	2	SbyE	2	S	1	Calm	----	10	----	N.	10	----	Fr.-N. SW
7	Calm	----	Calm	----	E	1	EbyN	0	Calm	----	Calm	----	10	Ci.-S. NE	S.-Cu. S	6	Ci.-S. NE	Cu. SSE
8	Calm	----	Calm	----	EbyN	1	NW	0	Calm	----	Calm	----	9	A.-Cu. NE	S.-Cu.	4	Ci.-Cu. NE	Cu. SE
9	Calm	----	Calm	----	E	1	EbyN	0	Calm	----	Calm	----	9	A.-Cu. E	Cu. SE	10	Ci.-S.	N.-cf. E
10	Calm	----	Calm	----	W	1	W	1	Calm	----	Calm	----	9	Ci. NE	Cu. E	2	----	Cu. W
11	Calm	----	Calm	----	Calm	----	W	1	Calm	----	Calm	----	10	----	N.	8	A.-Cu. NE	Cu.
12	Calm	----	Calm	----	E	1	NNW	1	NNE	0	Calm	----	6	Ci.	Cu. NE	8	----	Fr.-N. NE
13	Calm	----	Calm	----	W	1	NW	1	NNW	1	NW	2	7	Ci. NE	Cu.	9	----	N.-cf.
14	W	2	W	2	WSW	4	SW	4	W	3	W	0	10	----	Fr.-N. W	10	----	Fr.-N. WSW
15	Calm	----	SbyE	0	SW	1	SW	1	Calm	----	Calm	----	4	A.-Cu. SE	Cu. SW	8	Ci.-S. NE	Cu. SW
16	Calm	----	Calm	----	NE	1	W	0	Calm	----	Calm	----	9	A.-Cu.	S.-Cu. SW	8	A.-Cu. NW	Cu.
17	Calm	----	Calm	----	E	1	Calm	----	Calm	----	Calm	----	7	A.-Cu. E	S.-Cu. NW	8	A.-Cu. E	Cu. NW
18	Calm	----	Calm	----	WSW	1	WSW	1	W	0	WSW	1	8	A.-Cu.	N.-cf. SW	9	A.-Cu.	N.-cf. WSW
19	Calm	----	Calm	----	Calm	----	WSW	1	Calm	----	Calm	----	10	----	N.-cf. WSW	8	Ci.-S. NE	Cu. W
20	Calm	----	Calm	----	WbyN	0	W	1	Calm	----	Calm	----	10	----	Fr.-N. SW	4	Ci. E	Cu.-N. NW
21	Calm	----	Calm	----	Calm	----	NE	1	Calm	----	Calm	----	4	----	Cu.-N.	4	Ci.	Cu.-N.
22	Calm	----	Calm	----	ENE	0	ENE	1	ENE	2	Calm	----	3	----	Cu.-N.	2	----	Cu.
23	Calm	----	Calm	----	ENE	1	NEbyE	0	Calm	----	Calm	----	10	----	S.-Cu. NE	7	A.-Cu. SE	N.-cf. NE
24	Calm	----	Calm	----	ENE	0	EbyS	1	ENE	2	Calm	----	6	Ci.-S.	Cu. NE	8	----	Fr.-N. NE
25	Calm	----	Calm	----	ENE	1	Calm	----	ENE	2	ENE	1	2	----	Cu.	6	----	Fr.-N. NE
26	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	10	----	Fr.-N. NE	10	----	Fr.-N.
27	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	10	A.-S.	Fr.-N. E	10	A.-Cu. SE	N.-cf.
28	Calm	----	Calm	----	Calm	----	ENE	1	Calm	----	EbyN	0	10	----	Fr.-N. E	10	----	N.
29	Calm	----	Calm	----	EbyN	1	NE	1	Calm	----	Calm	----	7	----	Cu. E	8	Ci.-S. NE	Cu. E
30	Calm	----	Calm	----	E	1	ENE	2	ENE	1	Calm	----	9	A.-Cu. E	Cu. ENE	9	----	N.-cf. NE
Mean	------	0.2	------	0.2	------	0.8	------	0.8	------	0.4	------	0.2	8	------	------	7.5	------	------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

DECEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.17	58.85	59.01	57.07	58.05	59.08	25.8	25.1	27.5	29.2	27.3	26.8	30.1	23.5	90	95	84	77	82	86	1.5
2	57.93	58.25	58.57	56.34	56.90	57.82	25.1	24.2	27.5	28.4	26.7	24.4	30.5	23.3	84	95	85	79	87	96	5.8
3	56.14	56.93	57.51	55.87	56	56.67	23.7	23.5	27.2	28.1	26.9	25.1	29.1	23	96	97	84	84	86	93	------
4	55.01	55.51	55.91	54.29	54.81	55.65	26.3	26.1	26.5	26	26	24.7	27.5	23.7	86	83	87	90	90	97	24.4
5	54.76	55.73	56.47	55.07	55.81	57.44	26.2	26.1	26.5	26.3	26.5	26	27.6	23.9	85	85	84	86	76	90	5.1
6	56.18	57.24	57.57	54.74	55.83	56.43	25.9	25.7	26.1	26.5	26	25.9	26.8	25.4	82	82	81	83	85	89	31
7	55.17	55.88	57.08	55.22	56.17	57.45	25	24.9	24	24.6	24.5	24.2	26.1	23.5	93	95	97	95	94	95	70.6
8	55.97	56.68	57.13	55.52	56.66	58.02	24.6	25	26.3	28.3	26.5	24.7	29.1	23.9	87	79	76	71	82	92	------
9	56.69	57.26	58.44	55.97	56.88	57.97	23.8	23.1	28.2	28.1	26.4	24.5	29.4	22.8	91	96	81	82	93	96	------
10	56.85	57.75	58.34	56.22	57.26	58.35	23.8	23.6	27.2	28.5	25.6	23.7	30.2	23	95	97	90	81	91	95	32.3
11	57.20	57.69	58.89	56.76	57.64	59.23	23.5	23	28.2	26.3	25.6	23.9	28.8	22.5	92	96	82	85	92	94	3
12	58.01	58.33	58.77	57.26	57.34	58.50	23.1	23	26.8	27.4	25.7	24.1	28.2	22.7	95	97	82	94	88	94	------
13	57.64	58.64	59.50	57.38	58.42	59.51	23.2	22.9	28	27.1	25.8	24.2	29.3	22.5	93	96	79	81	89	94	3.8
14	58.30	58.79	60.20	57.20	58.46	59.72	23.8	23.2	25.2	28.1	25	23.8	29	22.9	97	96	91	80	89	95	15.3
15	58.80	59.22	59.97	58.38	59.26	60.66	22.8	21.9	28.6	28.4	26.2	24.8	29.4	21.5	97	96	82	79	89	93	------
16	59.07	60.06	60.45	58.06	58.35	59.55	23.8	23.2	28	27.6	26.6	24.8	28.7	22.8	95	96	82	84	89	93	10.2
17	58.64	58.85	59.17	57.45	58.15	58.98	24.2	23.4	26.4	25.4	23	23	27.4	22.5	95	96	90	92	96	97	55.9
18	57.29	56.90	57.46	54.28	54.96	55.05	23.5	24.1	23.1	23.4	24.3	24.5	24.9	22.4	92	88	95	95	91	87	194.8
19	53.57	53.90	54.39	52.48	53.95	55.78	24.1	24	22.9	23.9	24.2	23.2	24.8	22.1	93	92	97	97	93	95	307.2
20	54.66	55.61	56.65	54.77	55.18	56.75	23.2	23.2	24.1	25.3	24.6	23.9	26.3	22.7	93	96	92	80	84	91	2.5
21	55.54	55.75	57.18	55.03	56.17	57.22	24.3	24.6	27.8	28.1	26.4	24.7	30	23.5	92	92	77	72	85	92	12.2
22	55.93	56.85	57.82	55.77	56.96	57.92	23.9	24.1	28.4	28.2	26.2	25.2	31	23.6	95	96	82	76	82	92	2.5
23	57.89	58.24	59.08	57.56	58	59.88	25.2	25.3	29.2	30.2	27.1	24.1	31.2	23.8	92	87	76	71	82	91	------
24	57.67	58.93	59.69	58.09	59.03	59.90	23.7	24.1	29	30.1	25.1	23.9	30.5	23.1	91	94	79	71	91	93	4.1
25	59.11	59.78	61.15	58.83	59.34	60.80	23.7	23.1	26.3	27.6	26.5	25	28.4	22.7	94	96	86	81	86	93	------
26	59.38	60.33	61.10	59.55	60.17	61.70	25.4	23.8	27.2	28.4	27	26.3	29.2	23.5	90	96	86	73	85	84	50.8
27	60.71	60.81	62.30	60.11	60.87	62.41	25.5	23.4	26.7	27.7	25.5	24.3	28.6	23.1	86	97	88	86	92	95	59.6
28	60.88	61.12	62.18	60.15	60.85	61.88	23.5	25	27	26.8	25.1	24.1	28.7	23	97	92	88	86	92	96	22.8
29	60.55	61.09	61.75	59.80	59.81	61.04	23	22.8	27.5	27.2	26.4	25.6	30	22.4	97	97	84	86	84	87	------
30	59.66	59.90	60.32	58.27	58.79	59.85	24.4	23.4	27.5	25.1	25	24.4	30.5	22.8	88	96	86	88	88	94	26.7
31	58.80	58.83	59.30	57.47	57.37	58.78	23.5	22.8	25.2	26.6	26.4	25.4	27.7	22.4	96	97	91	85	86	93	7.4
Mean	57.49	58.05	58.82	56.81	57.53	58.71	24.2	23.9	26.8	27.2	25.8	24.6	28.7	23	91.9	93.3	85.3	82.9	87.7	92.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	949.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	NbyE	1	NE	2	NNE	2	ENE	1	4	----------	N.-cf. E	5	A.-Cu.	Cu. E
2	Calm	----	Calm	----	NNE	1	NE	2	WNW	1	Calm	----	5	Ci.	N.-cf. NE	9	Ci.-S. N	N.-cf. NE
3	Calm	----	Calm	----	NW	1	NW	1	NW	0	Calm	----	7	A.-Cu. N	Cu. NE	8	Ci.-S. N	Cu. NE
4	NNW	2	WNW	1	WbyN	1	NW	1	NNE	1	Calm	----	10	----------	Fr.-N. N	10	----------	Fr.-N. N
5	NEbyE	1	NEbyE	1	NW	3	NW	2	NbyE	2	NW	2	10	Ci.-S.	Fr.-N. N	10	----------	Fr.-N. N
6	NW	3	NW	2	NW	2	NW	3	NbyE	3	NNW	2	10	----------	Fr.-N. N	10	Ci.-S.	Fr.-N. N
7	Calm	----	Calm	----	ENE	0	Calm	----	NNW	2	NNW	3	10	----------	Fr.-N. E	10	----------	N.
8	NW	3	NNW	2	N	1	EbyN	0	Calm	----	Calm	----	10	----------	N.-cf.	7	A.-Cu. SE	Cu.
9	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	Calm	----	9	Ci.-S. E	S.-Cu.	7	Ci.-S. E	Cu. W
10	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	Calm	----	6	Ci. E	Cu. NE	4	Ci.-S. E	Cu. NE
11	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	9	A.-Cu. E	S.-Cu. NE	9	----------	N.-cf. NE
12	Calm	----	Calm	----	Calm	----	WbyN	1	Calm	----	Calm	----	9	A.-Cu. E	S.-Cu.	10	A.-Cu. NE	Cu. NE
13	Calm	----	Calm	----	WSW	1	Calm	----	Calm	----	Calm	----	10	A.-Cu. N	S.-Cu.	10	A.-Cu.	Cu. W
14	Calm	----	Calm	----	ENE	1	Calm	----	Calm	----	Calm	----	9	A.-Cu. NE	N.-cf.	5	A.-Cu. NE	N.-cf. E
15	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	Calm	----	5	A.-Cu. NE	Cu.	2	----------	Cu.
16	Calm	----	Calm	----	NW	1	NW	0	Calm	----	Calm	----	8	Ci. NE	N.-cf. W	9	Ci.-S. NE	Cu. W
17	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	Calm	----	10	----------	Fr.-N. NE	10	----------	Fr.-N.
18	NW	2	WNW	3	WNW	2	NW	4	NNW	5	NNW	6	10	----------	N.	10	----------	N.
19	NNW	7	NNW	9	NW	6	NW	4	WNW	4	W	2	10	----------	Fr.-N.NbyW	10	----------	Fr.-N. N
20	WSW	1	WSW	1	SW	2	SW	3	SW	2	Calm	----	10	----------	Fr.-N.WSW	10	----------	Fr.-N.SW
21	Calm	----	Calm	----	Calm	----	SW	2	Calm	----	Calm	----	7	A.-Cu. NE	S.-Cu. SW	10	A.-Cu. NE	Cu. SW
22	Calm	----	Calm	----	WSW	1	WSW	0	Calm	----	Calm	----	7	A.-Cu.	S.-Cu. SW	4	A.-Cu. E	Cu. SW
23	WSW	0	Calm	----	WSW	1	SW	1	Calm	----	Calm	----	7	A.-Cu. NE	S.-Cu. SW	4	Ci.	Cu. SW
24	Calm	----	Calm	----	WSW	1	W	1	Calm	----	Calm	----	10	----------	N.-cf. SW	8	Ci.-S. N	Cu. SW
25	Calm	----	Calm	----	WNW	1	NW	1	NW	0	Calm	----	8	----------	N.-cf. WSW	4	Ci.-S. N	Cu. WSW
26	Calm	----	Calm	----	Calm	----	ENE	2	NE	2	NW	1	9	----------	N.-cf. E	6	Ci.-S. N	Cu. NE
27	NNW	0	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	10	----------	N.	10	Ci.-S. NE	Fr.-N. E
28	Calm	----	ENE	0	ENE	1	NNE	1	ENE	1	Calm	----	7	Ci. N	Fr.-N. E	10	----------	Fr.-N. E
29	S	0	Calm	----	Calm	----	ENE	1	NE	1	E	0	9	A.-Cu. NE	Cu. E	9	Ci.-S. SW	Cu. E
30	Calm	----	Calm	----	NNE	1	Calm	----	ENE	0	Calm	----	9	Ci. NE	Cu. E	10	----------	Fr.-N. E
31	Calm	----	Calm	----	Calm	----	ENE	1	NE	0	ENE	0	10	----------	N.-cf. E	10	A.-Cu.	S.-Cu. E
Mean	------	0.6	------	0.6	------	0.9	------	1.2	------	0.8	------	0.5	8.5	----------	----------	8.1	----------	----------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.84 mm.]

JANUARY, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.25	58.37	58.82	56.31	57.49	58.86	25	24.9	27.7	27.9	26	24	28.7	23.7	88	88	78	82	84	93	8.9
2	57.97	58.51	59.36	56.39	56.99	58.14	23.5	23	28	29	27.5	24.5	29.2	22.8	88	91	74	74	81	87	------
3	57.93	58.29	59.06	57	57.53	58.84	24.3	24	28	29	27.4	25	29	23.1	90	91	74	78	83	92	------
4	57.79	58.12	58.58	56.35	56.91	58.90	24.2	24	28	29	27.8	25.6	29.6	22.7	86	87	76	74	86	79	------
5	57.59	57.82	58.11	56.18	56.81	57.97	23.1	23	28.3	29.5	27.5	24.4	29.5	22.5	90	91	75	68	84	84	------
6	56.93	57.99	58.35	56.34	57.16	58.09	24.1	24	29.4	29	27.5	26	30.1	22.1	87	87	71	74	81	84	------
7	57.58	57.73	58.68	56.91	57.99	58.90	25.2	25.1	29	29.5	27.5	25.5	30	24	87	87	72	68	79	80	------
8	58.22	58.82	59.74	57.40	58.20	59.80	24.6	24.5	28.5	30	27.5	24	30.1	22.5	83	83	70	68	73	87	------
9	59.32	59.68	60.48	58.43	59.18	59.76	23.6	23.5	28	29.3	27.5	24	29.9	22.3	87	87	70	66	73	91	------
10	59.77	60.23	61.01	58.75	58.59	60.18	23.7	23.5	28.3	28.5	27	25	29	22.9	86	87	72	70	80	83	------
11	59.37	59.68	60.06	58.54	59.25	59.96	23	22.6	28.1	29	27.5	25	29.6	22.4	89	90	82	71	81	77	1.8
12	58.77	59.39	60.01	57.31	57.91	58.91	23.2	23	28	30	28	22.6	30	22.1	85	87	70	66	70	86	------
13	58.27	58.77	58.90	56.51	57.65	58.76	22.5	22.4	28.1	29.5	27.5	23.6	30	22	94	94	73	55	77	82	------
14	58.51	59.51	59.96	58.14	59.21	60.26	23.6	23.5	28.4	28.4	25.5	25.5	29.2	22.8	90	90	75	75	88	80	.8
15	59.96	60.76	60.93	58.81	60.14	61.20	24.1	23.5	28.3	28.5	24	23.5	29.2	21.8	85	87	72	67	91	87	6.1
16	60.68	60.81	61.40	59.18	59.90	60.67	23.2	23	27.3	28.1	25.5	24.2	28.5	22.8	86	87	71	66	80	78	------
17	59.94	59.86	60.45	57.98	58.25	59.47	22.6	22.5	27	28.5	27.2	23.5	29.4	22	84	83	65	64	75	87	------
18	58.73	58.96	60.03	57.97	58.73	60.54	22.1	21.9	29	28.5	27	25	29.5	20.6	89	89	74	77	84	92	------
19	59.95	60.11	61.61	59.29	60.06	61.21	24.5	24.3	28	30	28	25.5	30	23.2	92	93	74	66	77	84	4.3
20	60.08	60.86	61.50	59.35	59.66	61.20	24.2	24	28.4	28.4	27.5	26	29.5	23.5	92	93	75	77	82	84	------
21	59.98	60	62.46	59.70	59.24	60.42	24.8	24.5	22.2	27	26.1	24	29	21.2	89	90	94	77	95	87	14.7
22	59.82	59.88	61.05	58.34	58.26	60.10	23.7	23.5	28.5	29.5	28	25	30.1	22.4	91	91	68	58	76	83	------
23	59.25	59.66	60.64	59.06	59.74	60.44	24.7	24.5	28.1	29.1	27.5	25.7	30	23.8	87	87	73	65	78	86	1
24	59.63	59.76	60.31	58.04	58.09	59.84	24.1	24	27.1	27	27	25.5	29	23.2	92	92	80	79	84	88	2
25	59.11	59.02	59.98	58.40	58.54	60.04	24.2	24	28.7	28.6	27.2	25.5	29.5	23.5	89	90	66	73	81	84	------
26	59.62	59.85	60.43	58.43	58.59	60.05	23.2	23.1	28.3	29.5	27.9	25.5	29.7	22.7	90	90	68	71	71	83	------
27	58.92	59.08	59.91	58.21	58.66	59.72	23.6	23.5	28.4	28	26.4	25.5	29	23.4	87	87	68	71	81	84	2.8
28	58.37	58.80	59.55	56.90	57.23	58.12	23.5	23.2	27.5	28.4	26.5	23.6	29	22.9	94	96	81	76	84	90	------
29	57.45	57.61	58.54	56.36	56.94	58.70	23.2	23	28	29	27.5	24	29	22.3	90	91	77	64	77	91	------
30	57.59	58.05	58.83	56.94	57.95	58.96	24	24	27.8	28.4	25.5	25	28.7	23.3	84	83	70	75	87	80	2.5
31	58.23	58.40	59.57	57.70	58.60	59.30	23.8	23.6	27.5	28.3	26.9	25.5	28.7	22.9	90	90	73	68	77	80	1.3
Mean	58.83	59.17	59.95	57.78	58.37	59.59	23.8	23.6	27.9	28.8	27	24.7	29.4	22.7	88.4	89	73.6	70.4	80.6	84.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	46.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	NE	ENE	E	ENE	NE	39.2	62.8	95.3	48.6	245.9	7	Ci.-S.	N.-cf. ENE	6	Ci.-S.	Cu. E
2	Calm	Calm	NE	E	NE	Calm	24.9	25.9	70.5	27.4	148.7	4	Ci.	N.-cf. ENE	3	Ci.	Cu. ENE
3	NE	Calm	E	E	Calm	NE	39.7	39.6	46.7	23.6	149.6	7	Ci.-S.	Cu. ENE	8	Ci.-S.	Cu. ENE
4	Calm	Calm	ENE	E	Calm	NE	21.1	58.9	85.5	30.3	195.8	7	------------	S.-Cu. ENE	6	Ci.-S.	Cu. NE
5	NE	Calm	E	E	Calm	Calm	28.7	56.3	75.1	23.5	183.6	7	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu. ENE
6	Calm	Calm	ENE	NE	NNE	NE	10.7	67.9	97.4	34.1	210.1	8	------------	S.-Cu. NE	7	Ci.	Cu. NE
7	NE	Calm	NE	ENE	ENE	Calm	28.4	68.9	74.6	31.2	203.1	7	A.-Cu.	Cu. NE	7	A.-Cu.	Cu. NE
8	N	N	ENE	E	ENE	Calm	29.2	72.1	82.1	21.4	204.8	6	Ci.-S.	Cu. ENE	3	Ci.	Cu. ENE
9	NE	Calm	E	E	Calm	Calm	30.9	64.6	70.8	27.6	193.9	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
10	Calm	Calm	ENE	E	Calm	Calm	29.2	68.6	46.4	41.2	185.4	6	Ci.-S.	S.-Cu. ENE	7	Ci.-S.	Cu. NE
11	Calm	Calm	ENE	E	Calm	Calm	35.6	68.4	63.4	34.8	202.2	5	A.-Cu. E	Cu. NE	3	Ci.	Cu. NE
12	Calm	Calm	E	E	E	Calm	35.6	76.2	76.4	19.8	208	2	------------	Cu. NE	2	Ci.	Cu. NE
13	Calm	Calm	E	E	Calm	Calm	16.3	60.9	78.3	24.1	179.6	2	------------	Cu. ENE	3	Ci.	Cu. ENE
14	NE	Calm	E	NE	Calm	Calm	29	79.4	------	------	------	5	A.-Cu.	Cu. NE	7	Ci.-S.	Cu. NNE
15	Calm	Calm	E	E	Calm	NNE	------	------	125	44.8	------	5	Ci.	N.-cf. NNE	7	Ci.-S.	Cu.-N. NNE
16	Calm	Calm	E	NE	Calm	Calm	51.5	90.3	69.5	50.1	261.4	5	Ci.-S.	Cu. NE	7	Ci.-S.	N.-cf. NNE
17	N	Calm	ENE	E	Calm	N	50.7	84.3	100	31.2	266.2	2	------------	Cu. NE	5	A.-Cu.	Cu. NE
18	Calm	Calm	E	E	NE	Calm	22.5	58.2	92	30.1	202.8	2	------------	Cu.	3	Ci.	Cu. NE
19	Calm	N	NE	E	ENE	NNE	32	46.7	69.8	64.6	213.1	7	------------	N.-cf. ENE	3	Ci.	Cu. ENE
20	N	Calm	NE	ENE	Calm	Calm	31.1	53.3	65.4	31.6	181.4	8	------------	Cu.-N. NE	7	Ci.-S.	Cu.-N. ENE
21	N	Calm	N	Calm	Calm	NNE	31.6	78.6	39.2	27.2	176.6	6	A.-Cu. E	N.-cf. NE	7	A.-Cu. E	S.-Cu. NE
22	NE	Calm	ENE	ENE	ENE	NE	33	71.3	106.4	26.8	237.5	3	Ci.	N,-cf. ENE	5	Ci.-S.	Cu. ENE
23	NE	NE	NE	ENE	NE	NNE	34	64.2	99.5	38.8	236.5	7	------------	Cu.-N. NE	5	Ci.-S.	Cu. ENE
24	Calm	NE	ENE	ENE	ENE	N	22.5	67.8	80.2	38	208.5	8	------------	N.-cf. NE	6	Ci.-S.	N.-cf. ENE
25	NE	Calm	ENE	E	Calm	Calm	32.7	54.4	83.4	30.9	201.4	3	Ci.	Cu. ENE	5	A.-Cu.	Cu. ENE
26	Calm	Calm	ENE	E	Calm	N	26	49.7	83.5	41.6	200.8	4	Ci.-S.	Cu. NE	3	Ci.	Cu. ENE
27	NE	Calm	ENE	ENE	NE	NNE	39.1	68.1	77.7	38.4	223.3	2	Ci.	Cu. ENE	7	------------	S.-Cu. ENE
28	NE	Calm	ENE	E	Calm	Calm	28.8	38.1	76.2	23.3	166.4	7	Ci.-S.	S.-Cu. ENE	7	Ci.	Cu. ENE
29	Calm	Calm	E	E	NE	Calm	21.5	67.1	102.5	50.1	241.2	5	A.-Cu.	Cu. NE	7	Ci.-S.	Cu.-N. N
30	NE	NNE	ENE	E	E	NE	40	92.5	133	45.9	311.4	7	Ci.-S.	Cu. NE	8	A.-Cu.	Cu. NE
31	NE	NE	ENE	ENE	NE	Calm	33.6	87.9	115.7	40.8	278	7	Ci.	N.-cf. ENE	6	Ci.-S.	Cu. ENE
Mean	------	------	------	------	------	------	31	64.8	82.7	34.7	210.9	5.3	------------	------------	5.5	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.84 mm.]

FEBRUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.32	58.65	60.35	57.67	58.05	59.72	21.6	22	27	27.5	27.4	22.6	28.4	19.5	82	77	77	70	70	82	------
2	58.83	59.04	60.19	58	58.99	59.74	21.9	22.5	27.9	29.3	27.4	25.1	29.3	20.7	88	82	64	72	78	83	------
3	57.59	58.20	59.14	57.38	58.21	58.89	24.6	24.5	28.8	28.8	26.6	24.6	29.1	21.7	83	83	71	70	83	92	10.7
4	58.03	59.12	60.30	58.85	59.37	60.44	24.5	24.5	28.3	29.3	27.2	25	29.5	23.9	92	92	72	69	75	88	------
5	60.39	61.41	61.99	60.05	60.66	61.44	23	23	28	29.1	26.9	25.9	29.5	22	88	87	57	61	74	77	9.1
6	60.86	61.02	61.60	60.05	60.69	61.05	23.8	23.6	28	28.9	27.5	24.5	29	22.5	90	90	68	62	70	87	19.8
7	61.18	61.30	61.77	60.06	61	61.91	23.7	23.5	27.9	28.5	26.5	25	29	22.4	91	92	68	62	73	76	------
8	61.21	61.78	62.57	60.95	62.02	62.01	24.7	24.5	23.6	24.9	22.5	23	26	22	87	87	94	84	93	86	16.5
9	61.37	62.03	62.27	60.18	61.16	62.08	22.7	21.5	28.4	27.5	25.8	23	28.6	21	87	90	64	70	78	87	------
10	61.28	61.88	62.28	59.90	61.20	61.80	22	21	28.5	29	26.5	24	29.2	20.9	95	94	57	57	73	87	2.8
11	60.53	61.18	61.90	59.17	59.93	60.85	23.5	23.4	28.1	29.5	27.5	26.5	29.9	22.9	84	84	65	57	67	73	2.3
12	59.90	61.08	61.35	59.05	60.05	61.42	24.1	22.6	27.5	30	26.6	24.5	30.1	22.5	89	92	69	56	72	87	------
13	60.22	60.56	61.05	58.81	59.46	60.89	23.8	23.5	27.1	28.9	27	24	29.4	22	85	83	76	67	73	91	------
14	59.57	59.72	60.72	58.15	59.26	60.31	24.1	24	27	28	26	25	28.5	23.3	86	87	73	71	81	83	10.4
15	58.75	59.37	60.34	58.52	59.10	60.47	23.9	23.6	27.5	26	26	24.5	28.5	23.4	90	90	73	91	84	87	2.8
16	58.95	59.37	60.31	58.29	59.37	60.73	24.5	24.5	26	28	24	24	28.6	23	87	87	82	76	96	93	15.5
17	59.25	59.32	60.04	58.24	58.64	60.30	23.7	23.5	27	26	25.5	25.5	28.1	22.9	93	94	77	84	84	84	10.9
18	59.27	59.22	60.51	58.30	58.32	59.59	24.6	24	27.1	29	26.9	25.1	29.2	23	86	89	72	71	81	83	------
19	58.77	58.95	60.33	58.53	59.05	60.12	24.5	24	27.9	27.6	28	26	29.2	23.9	88	91	79	78	77	82	------
20	59.35	59.46	60.60	58.27	58.49	59.74	23.8	23.2	29	29.5	27.9	25.1	30	22.9	87	90	72	71	82	84	------
21	59.16	59.48	59.65	57.78	57.89	59.77	24.9	24.2	28.5	29.4	27.6	25.9	29.6	23.5	87	91	70	68	78	80	.3
22	59.35	59.50	60.24	58.57	58.46	59.84	23	25.1	28	29	28	25.1	30.6	20.9	93	91	74	71	80	91	------
23	59.27	59.50	60.05	58.37	58.60	59.81	24.1	25	28.7	29	27.5	26	29.8	24	91	90	73	74	84	84	------
24	59	59.28	59.91	58.69	58.16	59.29	------	26	28	28.6	27	26.5	29.9	22.8	------	88	78	73	80	88	------
25	58.86	59.28	60.61	58.92	58.46	60.44	24	23.5	27.5	29	26.1	25	29.4	22	88	87	77	71	87	87	------
26	59.65	59.24	60.89	59.53	59.29	60.76	23.2	23	27	28.6	26.8	25.9	29.9	21	93	91	78	73	83	85	------
27	59.60	59.83	61.24	58.43	58.59	59.74	------	24	28	29.1	27.5	26.5	30	20.5	------	88	71	70	73	80	------
28	58.81	58.96	59.87	58.12	57.74	59.72	24	25	28.5	29.6	28.2	26	30.5	20.5	91	83	74	66	76	84	------
Mean	59.55	59.92	60.79	58.82	59.29	60.46	23.7	23.7	27.7	28.5	26.7	25	29.2	22.2	88.5	88.2	72.3	70.2	78.8	84.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	101.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	E	E	ENE	Calm	27.7	74	96.1	35.9	233.7	2	Ci.	Cu. ENE	4	Ci.-S.	Cu. ENE
2	Calm	Calm	ENE	E	Calm	N	30	58.9	83.7	37.2	209.8	6	Ci.-S.	Cu. ENE	5	Ci.-S.	Cu. ENE
3	Calm	NNE	NE	NE	Calm	NE	24.1	79.2	78.1	36.8	218.2	9	------------	Cu.-N. NE	8	Ci.-S.	Cu. NE
4	NE	N	ENE	E	NE	N	41.6	83.9	132.6	36.2	294.3	7	Ci.-S.	N.-cf. E	6	Ci.-S.	Cu. E
5	N	Calm	ENE	ENE	Calm	NE	34.3	93	103.8	30.1	261.2	2	Ci.	Cu. NE	5	Ci.-S.	Cu. NE
6	NE	NE	ENE	ENE	ENE	NE	55	102.7	179.9	96.3	433.9	3	Ci.	N.-cf. NE	3	Ci.	Cu. ENE
7	Calm	ENE	ENE	ENE	Calm	NE	25.9	100.8	109.6	40.5	276.8	9	------------	N. NE	6	Ci.-S.	Cu. NE
8	NE	NE	ENE	ENE	NE	N	51.8	81.5	73.4	34.9	241.6	9	------------	Cu.-N. NE	9	------------	Cu.-N. NE
9	Calm	Calm	NNE	ENE	Calm	Calm	15.8	60	86.7	29.3	191.8	7	Ci.-S.	N.-cf. NE	7	Ci.-S.	Cu. NE
10	Calm	Calm	NE	NE	E	Calm	23.1	75	94.6	29	221.7	3	Ci.	Cu. NE	7	Ci.-S.	S.-Cu. NE
11	NE	Calm	NE	ENE	Calm	Calm	32.7	78.3	105.6	25.2	241.8	3	Ci.-S.	Cu.-N. NE	3	Ci.-S. E	Cu. NE
12	Calm	NE	NE	N	N	Calm	20.7	51.7	98.4	32.7	203.5	10	------------	N. NE	7	A.-Cu. E	Cu. NNE
13	Calm	N	ENE	E	Calm	Calm	23.6	63.3	80.5	24.9	192.3	7	A.-Cu. E	N.-cf. NE	4	A.-Cu. E	Cu. NE
14	Calm	Calm	NE	ENE	NE	N	30.4	66.2	102.7	43.5	242.8	3	Ci.	Cu. ENE	5	Ci.	Cu. NE
15	N	NNE	ENE	ENE	Calm	Calm	30.8	80	79.7	27.2	217.7	8	------------	N.-cf. NE	8	Ci.-S.	N.-cf. ENE
16	N	NNE	Calm	E	ENE	Calm	40.5	25.4	76.9	18.5	161.3	7	Ci.-S.	N.-cf. NE	9	------------	S.-Cu.
17	Calm	E	E	NE	NE	NE	14.2	63.1	88	31.9	197.2	10	------------	N. ENE	8	Ci.-S.	N.-cf. ENE
18	Calm	Calm	ENE	ENE	NE	N	33.2	48.3	74	33	188.5	5	Ci.	S.-Cu. ENE	6	Ci.-S.	Cu. E
19	Calm	Calm	ENE	ENE	Calm	Calm	26.8	47	67.9	31.2	172.9	4	Ci.	Cu. ENE	5	Ci.	Cu.-N. E
20	Calm	Calm	E	E	Calm	Calm	30.1	36.7	69.2	19.6	155.6	5	Ci.	S.-Cu. ENE	5	Ci.	Cu. E
21	Calm	Calm	ENE	E	E	Calm	29	75.9	78.6	30	213.5	5	Ci.	Cu.	7	Ci.-S.	S.-Cu. E
22	Calm	NE	E	E	E	Calm	29	82.4	88.8	29.6	229.8	4	Ci.	Cu.	4	Ci.	Cu. E
23	Calm	Calm	E	E	NE	Calm	28.5	59.3	91.7	51.5	231	3	Ci.	Cu.	8	Ci.-S.	Cu.-N.
24	NE	Calm	E	E	Calm	Calm	41.8	61.2	86.6	37.5	227.1	3	Ci.	Cu.	5	Ci.-S.	Cu.-N. ENE
25	Calm	Calm	NE	ENE	Calm	Calm	40	51.8	84.5	49.3	225.6	4	------------	N.-cf.	6	Ci.-S.	Cu.
26	Calm	Calm	ENE	ENE	Calm	Calm	35.9	80.7	103.6	44.6	264.8	3	------------	S.-Cu.	5	Ci.-S. E	Cu. ENE
27	------	Calm	ENE	E	Calm	NE	47.8	89.3	119.7	89.8	346.6	6	A.-Cu.	S.-Cu.	3	Ci.	Cu. ENE
28	Calm	Calm	ENE	E	NE	Calm	44.9	66.8	128.2	51.5	291.4	3	Ci.-S.	Cu.	5	Ci.-S.	Cu. NE
Mean	------	------	------	------	------	------	32.5	69.2	95.1	38.5	235.2	5.4	------------	------------	5.8	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	6,586.4	------	------------	------------	------	------------	------------

CEBU.

[ϕ=10° 18′ N ; λ=123° 54′ E ; barometer above sea, 4.5 meters ; gravity correction not applied, —1.84 mm.]

MARCH, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.78	58.88	59.74	58.24	57.60	59.24	25.1	24.5	27.2	29	27.5	26.5	29.8	20.2	83	87	75	74	78	84	0.2
2	59.13	59.27	60.35	58.57	58.26	59.79	25	24.5	28.5	30	28.1	25.5	30.5	20.5	92	93	78	70	77	86	------
3	59.26	59.57	60.48	58.68	58.39	59.64	24.5	24.5	28	29.5	27.5	26	30	20.1	91	87	77	64	78	84	------
4	59.31	59.38	60.08	58.54	58.00	60.16	24.4	24	28.5	30	29	27	30.5	22.9	85	85	77	75	73	80	------
5	60.25	59.72	60.83	59.33	58.74	60.11	24	23.5	28.2	29	27.5	26	30.4	20.2	92	91	70	68	77	78	------
6	60.06	59.80	60.83	59.18	58.03	60.17	25.6	26.2	28	29.4	28.1	25.1	30	20.2	83	82	70	63	77	83	------
7	60.10	59.89	60.49	58.64	57.39	59.71	------	24.1	28.5	29.6	29.8	25.4	30	22.6	------	92	70	77	79	88	------
8	59.62	58.67	59.54	57.84	58.25	59.79	24.9	24.6	28.1	29	27	26.1	29.5	22.9	85	84	75	74	78	84	.5
9	58.71	59.00	59.69	57.84	57.60	59.12	25.1	24.5	28.6	29.5	28.6	26	29.8	20	83	83	74	71	76	88	2.8
10	58.36	58.36	59.44	57.62	57.38	58.77	25	24	28.2	30.1	28.5	25.5	30.5	22.9	88	91	74	71	78	89	------
11	57.78	57.74	58.99	57.59	57.26	58.19	24.2	24	26.9	28.5	27.2	26.9	29.4	20.9	90	88	74	70	79	83	2
12	57.43	57.54	58.66	56.83	56.97	58.19	24	23	26.5	29	28	23.5	29.7	21.8	91	97	73	60	67	87	------
13	57.92	58.14	59.36	57.33	57.96	60.11	23.4	23.5	28.8	29	28	25	30	22	89	87	58	61	70	88	2.8
14	58.61	59.13	60.28	57.98	58.63	59.72	22.8	22.5	29	29.5	27.5	26.1	30	22.3	87	89	64	61	79	79	------
15	59.13	59.51	60.74	58.63	58.80	60.17	24	23.5	29.1	28.9	27.5	25	29.7	23.5	85	87	66	61	73	80	------
16	59.15	58.93	60.50	58.29	58.27	59.86	24.6	23.5	25.5	27	26.4	24	29	22.9	80	87	88	78	75	77	8.6
17	58.41	58.91	59.76	57.34	57.81	59.29	22.6	22	28.6	29.5	27.8	26.2	30.1	21.4	86	90	72	61	70	75	------
18	58.15	58.77	59.60	57.39	57.90	59.69	24.6	24	28.5	29.1	28.5	26.5	30.2	23.1	79	81	67	64	68	74	.5
19	57.98	58.68	60.06	57.92	58.08	60.12	24.7	24	29	29.5	27.9	26	30.2	22.9	79	82	64	67	68	72	------
20	58.62	58.50	59.39	57.86	57.44	58.27	23.2	22.9	28	25.5	25.9	24.5	28.1	21.5	79	79	63	84	81	87	1
21	56.63	56.93	57.50	55.69	55.96	57.72	24.5	24.5	27.5	28	27	26	28.8	23.8	80	79	77	77	73	79	6.1
22	56.82	57.17	57.48	55.40	55.74	57.30	24	23.5	27.5	29.8	28.2	25.5	30	23.1	90	92	81	66	78	93	11.4
23	56.03	56.04	57.98	56.33	56.69	58.66	25	24.5	27	24.3	26	24.5	29	23.5	89	92	84	91	90	95	13.2
24	57.95	58.19	59.15	57.06	57.85	59.64	24.4	24.6	28.5	29	27.9	26	29.5	23.8	92	89	74	71	77	84	------
25	58.94	59.21	60.80	58.69	58.93	60.87	25.5	24.9	28.5	29	28	26.5	30.2	24	82	88	64	71	71	80	------
26	60.07	60.61	61.35	59.25	59.71	61.51	24.5	25	28.8	28.9	27	27	29	23	87	84	67	66	77	74	------
27	60.10	60.81	62.17	59.74	60.16	61.72	25	24.5	26.8	29.1	28	25	29.8	24.1	85	87	80	60	68	82	.5
28	60.98	60.83	62.07	59.83	59.63	61.11	24.6	24	28.1	28.6	28.5	27	29.5	23.4	87	87	71	68	74	73	------
29	60.06	60.36	61.66	59.34	59.89	61.26	24.6	24.8	28.7	30	28	26	30.1	23.9	84	81	69	59	73	80	------
30	60.12	60.21	61.45	59.14	59.01	60.67	25	24	29	30	28.2	27	30.2	23.9	84	87	61	58	69	77	------
31	59.44	60.11	61.17	58.68	58.99	60.65	25.6	23	28.6	29.5	28	26	30.1	22.3	77	83	63	63	68	80	5.3
Mean	58.84	59	60.05	58.09	58.11	59.72	24.5	24	28.1	28.9	27.8	25.8	29.8	22.4	85.5	86.8	71.6	68.5	74.8	82	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	54.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	Calm	NE	ENE	E	Calm	35.1	65.2	112.3	49.4	262	4	Ci.-S.	S.-Cu.	5	Ci.	Cu. ENE
2	Calm	Calm	ENE	E	NE	Calm	29	58.4	96	44.1	227.5	8	------	N.	6	Ci.-S.	S.-Cu. NE
3	Calm	Calm	E	ENE	ENE	Calm	35.1	65.2	92.5	108.3	301.1	3	Ci.	Cu.	5	Ci.-S.	Cu.
4	Calm	Calm	E	E	ENE	E	34.8	53.4	84.5	80.5	253.2	4	Ci.	S.-Cu.	6	Ci.-S.	Cu. ENE
5	Calm	Calm	ENE	E	E	NE	22.2	71.4	110.7	81.9	286.2	5	Ci.	Cu.	5	Ci.	Cu. E
6	Calm	Calm	NE	ENE	NE	Calm	35.1	76.9	100.8	39.1	251.9	8	Ci.-S.	S.-Cu.	8	A.-Cu.	Cu. NE
7	------	Calm	E	E	E	Calm	32.5	56.6	99	63.1	251.2	3	------	Cu.	5	Ci.	Cu. ENE
8	Calm	Calm	E	E	E	NE	35.4	56.6	100.8	43.1	235.9	5	Ci.	S.-Cu.	8	Ci.	Cu. E
9	Calm	Calm	E	E	NE	Calm	32	81.5	103.6	29.2	246.3	6	Ci.	S.-Cu.	5	Ci.-S.	Cu. ENE
10	Calm	Calm	NE	E	E	Calm	26.9	68.4	96.6	18	209.9	6	Ci. NE	N.-cf.	4	Ci.	Cu. ENE
11	Calm	Calm	NE	E	E	Calm	24.3	56.8	107.2	35.6	223.9	7	------	N.-cf.	8	Ci.-S.	Cu. ENE
12	Calm	Calm	N	ENE	ENE	Calm	34	81.9	102.5	33.2	251.6	6	Ci.	Cu. E	6	Ci.-S.	Cu. E
13	Calm	Calm	E	ENE	ENE	Calm	25.4	77.7	99.5	44.1	246.7	7	Ci.-S.	N.-cf. E	7	Ci.-S.	Cu.-N. ENE
14	N	Calm	ENE	ENE	N	N	24.1	87.2	134.7	33.8	279.8	5	Ci.	Cu. NE	7	Ci.-S.	Cu. NE
15	Calm	Calm	E	ENE	NE	Calm	23.8	63.3	86.7	29	202.8	6	Ci. E	S.-Cu. NE	9	------	S.-Cu. NE
16	Calm	Calm	NE	Calm	Calm	Calm	9.9	46.1	28.7	18.8	103.5	8	------	S.-Cu. ENE	7	Ci.-S.	Fr.-Cu. NE
17	Calm	Calm	E	E	NE	NNE	10.2	57.4	138.2	58.5	264.3	7	Ci.-S.	Cu. NE	6	A.-Cu. E	Cu. NE
18	Calm	NNE	E	E	ENE	NE	26.8	88.5	127.1	43.8	286.2	3	Ci.	Cu. NE	3	Ci.	Cu. ENE
19	Calm	Calm	E	E	NE	NNE	24.9	53.3	107.8	35.4	221.4	7	Ci.	Cu.-N. ENE	6	Ci.-S.	Cu. ENE
20	Calm	Calm	N	Calm	SE	Calm	17.1	58.5	23.1	18.3	117	6	A.-Cu. E	N.-cf. NE	9	------	N. NE
21	NE	Calm	SSW	S	N	NE	23.1	40.7	57.3	29.8	150.9	8	Ci.-S.	Fr.-Cu. NNE	8	Ci.-S.	Cu.-N. N
22	NE	Calm	S	S	WSW	Calm	12.6	31.1	41.8	33.3	118.8	10	------	N. N	7	Ci.	Cu.-N. NNW
23	Calm	Calm	SSW	Calm	Calm	Calm	18.3	25.9	43.3	32.8	120.3	9	Ci.-S.	Cu.-N. W	9	------	N. S
24	NNE	Calm	E	ENE	Calm	N	42.1	37.8	69.7	30.4	180	7	Ci.-S.	Cu.-N. ESE	8	Ci.-S.	Cu. E
25	N	Calm	ENE	E	NE	Calm	40	62.8	108.9	40	251.7	5	Ci.	Cu. ENE	4	Ci.	Cu. ENE
26	Calm	Calm	E	E	NE	E	17.4	83.4	113	65.4	279.2	3	Ci.	Cu. ENE	5	Ci.	Cu. ENE
27	NE	Calm	NE	E	E	Calm	27.4	62.3	133.1	41.2	264	6	------	N.-cf. ENE	3	Ci.	Cu. ENE
28	NE	Calm	ENE	E	ENE	ENE	32.5	91.2	121	100.9	345.6	4	Ci.	Cu. NE	3	Ci.	Cu. ENE
29	Calm	NNE	E	E	ENE	N	29.3	72.9	104.4	47.3	253.9	5	Ci.	Cu. ENE	5	Ci.	Cu. ENE
30	N	Calm	E	E	ENE	NE	37.6	87.4	109.7	81.1	315.8	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
31	Calm	Calm	ENE	E	NE	NNE	28.4	64.7	97.1	67.4	257.6	2	Ci.	S.-Cu. NE	3	Ci.	Cu. ENE
Mean	------	------	------	------	------	------	27.3	64	95.2	47.6	234.2	5.7	------	------	5.9	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,260.2	----	------	------	------	------	------

CEBU.

[φ=10° 18′ N; λ=123° 54′ E; barometer above sea, 4.5 meters; gravity correction not applied, −1.84 mm.]

APRIL, 1909.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.51	60.25	60.88	58.84	58.99	60.54	25.2	24	28	30	28.3	26	30	22.9	88	95	72	59	68	82	-----
2	59.36	59.46	60.98	59.11	59.31	60.92	24.7	24.8	28.5	28.1	27.2	25.6	29.4	24.2	87	85	68	70	71	83	-----
3	59.48	59.92	61.14	58.52	59.36	61.11	25	24.5	29	30.9	28.3	27	31	23.7	87	87	69	54	71	77	-----
4	59.93	60.01	60.94	58.87	59.11	60.74	25	24.6	29.3	29.9	29	26.5	30.5	24.3	87	86	69	67	68	90	1.5
5	58.84	59.52	60.95	58.52	58.76	59.97	25.7	25.4	28.8	29.5	28.5	26.5	30.2	24.6	87	88	69	68	74	76	-----
6	59.30	59.64	60.25	57.60	57.54	58.92	24.8	25	29.6	30.6	29	25	32	23.9	92	88	69	62	78	83	-----
7	58.29	58.91	59.73	57.39	56.91	58.89	24	23.5	30.5	30.5	28.4	24.5	31.1	21.9	85	80	72	62	75	79	-----
8	58.75	59.77	60.20	57.94	57.98	59.76	24.3	24	29	29.9	28.5	25.2	30.2	23.4	82	88	67	56	74	83	-----
9	59.58	60.38	61	58.08	58.41	60.22	24.6	22.7	29.2	30.1	28.6	25.5	30.5	22	81	84	66	59	70	79	-----
10	59.55	59.92	60.89	58.52	58.56	59.76	23.6	23	28.9	30.3	28.5	26.5	30.9	22.4	84	84	62	57	64	80	-----
11	59.61	60.10	60.75	58.43	59.05	60.35	25.3	24.5	29.3	30	29	27	30.9	24.4	81	81	64	56	67	73	-----
12	59.76	60.05	60.90	58.98	59.32	60.34	26	24.1	28.5	30	29.5	27.7	30.3	23.5	81	85	74	56	63	72	2
13	59.17	59.83	60.40	58.10	58.15	60.01	25.9	25	29	30.5	29.5	28	31.5	24.4	77	83	71	66	68	77	-----
14	58.66	58.84	59.91	57.93	58.79	59.84	25.7	25.6	28.6	29	28	25.2	30.5	24.6	91	87	73	71	70	84	-----
15	58.86	58.98	59.86	57.18	57.86	59.20	25.3	25.3	29	30	28.5	26.4	30.9	24.8	86	87	70	64	70	82	-----
16	58.15	58.46	59.26	57.09	57.79	59.24	25.9	26.6	29	30.7	28.6	28	31	25.4	85	86	66	63	73	74	-----
17	58.36	58.63	59.77	57.53	57.59	59.60	25.6	25.5	29	30	28.6	27	30.5	24.4	83	74	65	60	66	77	-----
18	59.18	59.37	60.45	57.92	58.06	59.79	24.9	24.5	28.7	30	29	27	30.5	23.3	88	87	73	62	68	77	-----
19	59.06	59.48	59.97	57.55	57.60	58.47	25.2	24.8	30.4	29.7	28	26	31	23.4	84	85	66	67	77	76	-----
20	57.84	58.56	59.29	57.17	57.49	59.12	25.2	25.4	29.3	30	28.5	26.2	30.6	23.4	85	84	60	60	67	82	-----
21	58.37	58.97	60.05	57.77	57.80	59.14	25.5	24	28.9	29.9	28	24.9	30.9	23.4	84	88	58	53	56	65	-----
22	59.08	59.46	59.95	57.68	57.38	58.99	24.8	24.5	28.5	30	28.6	26	30.8	23.4	85	82	70	59	73	80	-----
23	58.94	59.11	59.50	57.38	57.44	58.91	26.1	25.1	29.1	29.5	28.3	26	30.5	24.9	83	88	67	61	67	69	-----
24	58.42	58.86	59.69	57.33	57.93	59.20	24	24.1	29.5	30.4	28.4	26	31	23.5	86	87	58	51	67	80	-----
25	58.66	59.18	59.54	57.35	57.81	59.79	24.5	26.1	29.1	30	28.9	27.1	31	23.7	87	76	60	54	60	72	-----
26	58.77	59.46	59.85	56.38	57.36	59.25	25.9	25	29.5	32	29.5	28	32.5	23.9	83	83	64	54	65	79	-----
27	58.17	58.88	59.38	57.14	57.03	58.98	26.7	25	30	30.5	29.2	26.5	31.4	23.9	78	83	69	65	72	80	-----
28	58	58.57	59.23	56.52	57.06	58.63	26.4	25.5	31	31.5	29.7	26.4	32.6	25	89	88	65	57	67	79	-----
29	57.83	58.66	58.99	56.85	57.34	58.64	26	25.4	30.5	30	29.2	25.6	31.8	24.5	81	83	65	59	66	79	-----
30	57.58	58.17	59.27	56.62	56.99	58.98	25.3	25.1	30.1	32	29	27.5	32.3	23.9	83	87	60	54	64	73	-----
Mean	58.84	59.31	60.10	57.74	58.03	59.58	25.2	24.8	29.3	30.2	28.7	26.4	30.9	23.8	84.7	85	66.7	60.2	68.6	78.1	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3.5

Day.	Wind. Direction. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Total movement in 6 hours. 6 a. m.	Noon.	6 p. m.	Midnight.	Total movement in 24 hours.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	ENE	E	ENE	NE	44.6	74.2	109.2	79.4	307.4	7	-----	Cu.-N. ENE	3	-----	Cu. ENE
2	N	N	ENE	ENE	Calm	N	43.1	100.6	100.4	40.2	284.3	2	-----	Cu. NE	7	-----	S.-Cu. ENE
3	NE	Calm	E	E	Calm	Calm	33.6	72.6	120.5	42.4	269.1	3	-----	Cu. ENE	3	-----	Cu. E
4	Calm	Calm	ENE	E	ENE	Calm	33.3	79.7	124.1	44.8	281.9	3	A.-Cu. ENE	Cu.	6	-----	Cu. E
5	Calm	Calm	ENE	E	ENE	NE	27.6	69.2	126.1	36.2	259.1	7	-----	S.-Cu. E	3	Ci.	Cu. E
6	Calm	Calm	ESE	E	Calm	Calm	20.4	33.8	73	23.3	150.5	2	-----	Cu. E	2	Ci.	Cu. E
7	Calm	Calm	SSE	E	ENE	NW	14.2	49.4	88.3	29	180.9	1	Ci.	Cu. E	3	-----	Cu. ENE
8	Calm	Calm	E	E	NE	Calm	23.5	59	116.1	21.7	220.3	3	Ci.	Cu. ENE	3	Ci.	Cu. E
9	NE	Calm	E	E	ENE	NNE	28.5	47.7	104.8	32.2	213.2	2	-----	Cu.	2	Ci.	Cu. E
10	NE	Calm	ENE	E	E	NNE	31.4	71.1	89.5	45.6	237.6	2	Ci.	Cu. NE	2	Ci.	Cu. ENE
11	N	Calm	ENE	ENE	E	NE	38.9	60.4	112.5	41.6	253.4	2	Ci.	Cu. E	2	-----	Cu. E
12	NE	Calm	E	E	ENE	NE	30.3	80.2	107.3	86.3	304.1	2	-----	Cu. E	3	Ci.	Cu. ENE
13	NNE	Calm	ENE	E	NE	NE	40.7	53.7	119.3	64.6	278.3	7	-----	N.-cf. ENE	3	Ci.	Cu. ENE
14	NE	Calm	E	ENE	E	Calm	38.1	70.3	98	69.2	275.6	6	-----	Cu.-N. ENE	6	Ci.	Cu. E
15	NE	Calm	ENE	E	Calm	NE	54.2	66.2	100.6	34.4	255.4	7	Ci.-S.	Cu.-N. E	3	Ci.	Cu. E
16	NE	Calm	ENE	ENE	E	ENE	37.5	46.4	93.8	82.9	260.6	8	-----	Cu.-N. ENE	5	Ci.	Cu. E
17	Calm	Calm	E	E	Calm	Calm	25.2	89.8	96.1	31.6	242.7	6	Ci.-S.	Cu. E	4	Ci.	Cu. E
18	NE	Calm	S	E	ENE	NNE	34.3	49.9	118	40.5	242.7	2	Ci.	Cu. E	4	Ci.	Cu. E
19	Calm	Calm	Calm	ENE	Calm	Calm	22	35.7	129.7	29.2	216.6	2	Ci.	Cu. E	4	Ci.	Cu. E
20	Calm	Calm	E	E	Calm	Calm	22.3	52.9	105.4	30.3	210.9	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
21	Calm	Calm	ENE	E	Calm	Calm	21.9	52.6	99.5	34.9	208.9	3	Ci.	Cu. E	2	Ci.	Cu. E
22	Calm	Calm	ENE	E	ENE	Calm	32.7	52.3	102.7	25.7	213.4	3	-----	Cu. E	2	-----	Cu. E
23	Calm	Calm	E	E	Calm	Calm	15.6	46.2	116.5	28.5	206.8	5	Ci.	S.-Cu. E	2	Ci.	Cu. E
24	Calm	Calm	E	E	Calm	NNE	16.1	58.4	113.3	32.8	220.6	4	Ci.	Cu. ENE	2	Ci.	Cu. E
25	N	Calm	ENE	E	ENE	Calm	41.2	68.6	114.8	44.8	269.4	3	Ci.	Cu. E	3	Ci.	Cu. E
26	NE	Calm	E	ESE	ENE	ENE	26.8	44.6	95	56.8	223.2	4	Ci.	Cu. E	3	Ci.	Cu. E
27	E	Calm	Calm	E	ENE	Calm	37	48.1	113.5	33	231.6	2	Ci.	Cu. E	3	Ci.	Cu. E
28	Calm	Calm	Calm	ENE	Calm	Calm	17.5	33	89.1	19.5	159.1	4	Ci.	Cu. E	3	Ci.	Cu. E
29	Calm	Calm	Calm	ENE	ENE	Calm	18.2	43.3	103	27.2	191.7	2	Ci.	Cu. E	3	Ci.	Cu. E
30	Calm	Calm	S	E	NE	Calm	27.1	34.3	104.6	32.2	198.2	3	Ci.	S.-Cu. ENE	3	Ci.	Cu. NE
Mean	-----	-----	-----	-----	-----	-----	29.9	58.1	106.2	41.4	235.6	3.7	-----	-----	3.2	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7,067.5	-----	-----	-----		-----	-----

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.84 mm.]

MAY, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.47	57.59	58.72	57.01	57.56	58.96	27.7	25.7	30	31	29	27.5	31.8	25.4	82	88	65	59	68	73	------
2	57.71	58.26	59.19	56.96	57.66	59.99	26.2	25.2	30.5	31.5	30	29	32.2	24.5	82	85	61	57	65	69	------
3	58.30	58.55	59.17	57.27	57.29	58.40	27.2	26.1	29.5	31	29.9	28.1	32.2	25.5	77	83	63	62	68	70	------
4	57.73	58.21	59.32	56.91	57.06	58.51	27.2	26	30.3	32	29.5	27.7	32.5	25.7	77	78	63	55	68	75	------
5	57.59	57.95	58.82	56.16	56.55	57.95	27.5	26.5	30	32.6	29.5	27.5	32.9	25.9	75	86	68	54	72	81	------
6	56.97	57.05	58.17	55.80	56.50	57.86	27.1	26	30.1	30.7	29	27.5	32.5	25.5	81	88	73	63	72	81	------
7	57.10	57.23	58.06	56.36	56.77	57.88	27.5	26.3	29	30	27.5	26	30.6	24.8	83	90	76	73	85	92	17.8
8	56.97	57.54	58.51	55.42	56.40	58.39	26	25.5	27.5	30.3	28.5	27	31.1	25.1	89	90	84	66	80	87	1
9	57.70	57.77	58.67	56.91	58.07	59.51	26	25.8	27.5	29.2	27	26	31	25.3	87	91	81	72	79	84	------
10	58.35	59.07	60.08	58.13	57.81	60.03	25.2	25.1	29.4	31.5	28.8	27	31.9	24.1	90	90	72	66	73	84	------
11	59.20	59.29	59.58	57.70	58.04	59.63	26	25.6	30.4	30.8	29.5	27.9	31.9	24.9	91	93	74	62	69	74	------
12	58.70	58.87	59.59	57.53	57.84	59.38	27.2	26.5	29	30.3	29.5	27	31.9	25.7	82	86	74	64	64	78	------
13	58.16	58.30	58.84	56.97	57.36	58.79	26.5	25.8	30.5	31.5	29.5	26.5	31.8	24.7	86	85	65	60	71	77	------
14	57.82	58.01	58.70	56.81	57.30	59.45	26	25.2	29.1	31.6	29.7	28.9	32	24.5	85	90	71	57	72	71	------
15	58.22	58.64	58.75	56.81	57.29	59.26	27.5	26	31	31.9	30.5	27.1	33	24.8	81	84	65	55	63	75	------
16	58.49	58.67	59.81	58.11	58.76	59.97	26.8	27	29.5	28	25.8	25.5	30	24.6	82	80	71	85	81	88	1.3
17	58.37	59.16	59.87	57.57	58.64	60.29	24	25.1	29.6	30.1	29	26.5	31.9	23	86	87	74	71	76	80	------
18	59.17	59.25	59.95	57.64	58.50	60.43	25.6	24.8	30	31.5	29.5	28	32.7	24.3	87	92	72	61	72	74	1.5
19	59.30	59.64	60.10	57.85	58	58.79	27.7	25.9	30	31.3	29	27	31.9	25.3	75	83	67	60	75	84	------
20	58.01	58.37	58.64	56.74	57.24	58.86	26.1	25.5	30.3	30.6	29	27.5	31.7	24.8	82	84	62	62	73	79	------
21	58.05	58.54	58.89	57.13	58.14	59.61	27	28	29.9	30.5	29.5	27.5	31.7	26.4	83	77	67	63	68	77	------
22	58.89	59.27	59.55	57.79	58.48	60.60	26	25.9	29.2	31.5	29.5	28.5	32.2	24.8	77	77	72	54	64	71	------
23	60.50	60.57	60.60	58.34	58.84	59.86	26	27	30	31.5	29.5	27.2	32.3	24.9	77	76	68	56	63	73	------
24	59.09	59.31	59.57	57.24	57.39	58.86	26.5	26.7	30.8	31.5	29.5	27	32.2	25.4	72	72	65	59	68	73	------
25	58.07	58.71	59.22	56.53	56.92	58.80	26.5	26.5	30.5	32	30	28.7	33	25.5	73	76	68	60	69	73	------
26	57.82	58.54	59.15	57.28	57.77	59.34	27.2	27.5	30	30.5	29	27.6	31.8	26	79	77	65	68	73	80	9.9
27	58.17	58.76	59.00	56.74	57.56	58.79	26.2	26	30	31.8	29.5	28	32	25.1	82	85	71	60	71	77	------
28	58.15	58.57	58.69	56.42	56.75	58.35	26.4	27	30.8	32	30	27	32.5	23.8	77	78	69	60	65	83	6.9
29	57.86	58.11	58.74	56.74	57.58	58.01	25.6	26.5	30.3	31.5	29.1	27.8	32.1	24.2	82	82	70	59	70	75	------
30	56.72	56.83	57.39	55.50	55.89	57.41	26.1	26	29	29.5	28.3	26	30.8	24.9	81	76	71	68	77	83	4.1
31	56.56	56.73	57.76	55.68	56.54	58.76	25.5	25.6	29	31.4	30.1	28	32.8	25	80	81	71	57	65	71	------
Mean	58.10	58.43	59.07	56.97	57.50	59.06	26.5	26.1	29.8	31	29.2	27.4	32	25	81.4	83.5	69.6	62.2	70.9	77.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	42.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	Calm	ENE	E	NE	NE	44.8	65	99.3	41	250.1	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
2	Calm	Calm	ENE	ENE	ENE	E	30.4	54.1	116.2	65.5	266.2	3	Ci.	Cu. ENE	4	Ci.	Cu. E
3	NE	Calm	ENE	E	Calm	NE	38	74.3	103.3	56.9	272.5	3	Ci.	Cu. ENE	2	Ci.	Cu. E
4	Calm	Calm	E	E	ENE	Calm	29	62.6	119.7	31.6	242.9	3	Ci.	Cu. ENE	3	Ci.	Cu. E
5	N	Calm	SE	E	Calm	Calm	26.4	38.1	71	19	154.5	4	Ci.	Cu. E	3	Ci.	Cu. E
6	Calm	Calm	SSE	NE	ENE	Calm	18.7	51.2	66.8	22.7	159.4	5	Ci.	Cu. E	6	Ci.-S.	Cu. N
7	Calm	Calm	SSE	Calm	Calm	Calm	20.6	32	36.4	26.8	115.8	8	Ci.-S.	Cu.-N. ENE	8	Ci.-S.	Cu.-N. NE
8	Calm	Calm	Calm	SSW	Calm	Calm	19.9	34.4	49.1	16.1	119.5	5	Ci.-S.	Cu.-N. ENE	6	Ci.-S.	Cu.-N. E
9	Calm	Calm	Calm	S	Calm	Calm	17.2	25.5	36	17.1	95.8	7	Ci.-S.	Cu.-N. SSE	8	Ci.-S.	Cu.-N. S
10	Calm	Calm	E	SE	E	Calm	16.6	35.9	47.2	30.8	130.5	6	Ci.-S.	Cu.-N. SSW	6	Ci.	Cu. SE
11	Calm	Calm	SSE	E	Calm	Calm	20.1	52.3	93	25.1	190.5	4	Ci.	Cu. E	6	Ci.-S.	Cu. E
12	Calm	Calm	Calm	ENE	Calm	Calm	24.4	30.6	77	27.6	159.6	5	Ci.-S.	Cu. E	6	Ci.	Cu. E
13	NE	Calm	ENE	E	ENE	Calm	23.8	55.3	108.4	35.3	222.8	4	Ci.	Cu. E	3	Ci.	Cu. ENE
14	Calm	Calm	Calm	ENE	ENE	SE	23.9	51.5	102.4	20.1	197.9	3	Ci.	Cu. ENE	3	Ci.	Cu. E
15	Calm	Calm	SE	E	Calm	Calm	15.9	35.9	93.1	20.6	165.5	4	Ci.	Cu. ENE	3	Ci.-S.	Cu. NE
16	Calm	Calm	SSW	E	Calm	Calm	18.7	30.9	65.7	16.6	131.9	8	Ci.-S.	Cu.-N. E	9	------------	Cu.-N. SE
17	Calm	Calm	Calm	SSE	Calm	Calm	15.6	38.3	66.5	16.6	137	8	A.-Cu. ENE	------------	5	Ci.	Cu.-N. E
18	NW	Calm	SSE	E	Calm	Calm	24.7	40.5	86.1	18.3	169.6	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
19	W	Calm	E	E	Calm	Calm	25.5	80.3	98.7	23.3	227.8	4	Ci.	Cu. ENE	2	Ci.	Cu. ENE
20	Calm	Calm	E	E	ENE	Calm	22.8	62.5	111.6	31.1	228	3	A.-Cu.	Cu. ENE	5	Ci.-S.	Cu. ENE
21	Calm	Calm	E	E	NE	Calm	40.2	98.2	93.5	22.8	254.7	4	Ci.	Cu. ENE	6	Ci.	Cu. E
22	Calm	Calm	ENE	E	Calm	Calm	18.2	81.8	101.6	22.2	223.8	2	Ci.	Cu. E	3	Ci.	Cu. E
23	N	Calm	E	E	ENE	Calm	25.1	88.3	102	19.9	235.3	3	Ci.	Cu. NE	5	Ci.	Cu. ENE
24	Calm	Calm	S	E	Calm	Calm	21.9	48.5	93.9	19.6	183.9	3	Ci.	Cu. ENE	4	Ci.	Cu. NE
25	E	Calm	E	S	Calm	SSW	19.5	38.3	56	49.1	162.9	4	Ci.	Cu. ENE	3	Ci.	Cu. E
26	Calm	Calm	S	SSE	S	Calm	17.9	58.2	73.8	23.1	173	4	Ci.	Cu.-N. E	5	Ci.	Cu. E
27	SE	Calm	SSW	S	Calm	Calm	17.7	56	60	29.2	162.9	4	Ci.	Cu.-N. WSW	4	Ci.	Cu. SW
28	Calm	Calm	Calm	E	Calm	Calm	25.5	43	89.5	46.4	204.4	7	Ci.-S.	Cu.-N. NE	5	Ci.-S.	Cu.-N. NE
29	NW	Calm	E	ENE	E	Calm	29.3	41.3	89.8	35.4	195.8	7	Ci.	Cu. E	6	Ci.-S.	Cu. E
30	NE	Calm	Calm	Calm	Calm	Calm	31.4	29.5	47	23	130.9	6	A.-Cu.	Cu. E	8	Ci.-S.	Cu.-N. E
31	NE	Calm	ENE	E	Calm	Calm	28.2	57.4	82.7	27.1	195.4	4	Ci.	Cu. ESE	3	Ci.	Cu. E
Mean	------	------	------	------	------	------	24.3	51.3	81.8	28.4	185.8	4.5	------------	------------	4.7	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	5,760.8	----	------------	------------	----	------------	------------

CEBU.

[=φ10° 18′ N ; λ=123° 54′ E ; barometer above sea, 4.5 meters ; gravity correction not applied, —1.814 mm.]

JUNE, 1909.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.58	58.03	58.35	56.58	56.75	58.46	26.6	26.2	30.1	31.5	29.8	27.6	32	25.7	73	79	64	62	65	72	------
2	57.80	58.06	58.77	56.27	56.72	58.27	26	25.6	30.5	31.8	30	29	32.5	25.4	82	80	62	59	63	71	0.8
3	57.44	57.61	58.14	56.27	56.89	58.80	27.7	27	30	31.2	30	27	32.3	26.5	73	81	65	61	68	78	1.3
4	57.50	57.56	58.64	56.62	56.53	58.15	28.2	28.2	30	32	29.5	28.3	32.2	26.5	72	72	65	58	70	73	------
5	57.17	57.30	58.03	56.50	57.13	58.26	26.5	25.9	30.1	29.7	26.4	27	31.2	23.6	77	78	62	71	75	76	4.3
6	57.41	57.53	57.84	56.36	56.60	58.74	26.1	27.1	29.7	31.3	30	29.5	31.9	25.8	80	77	67	61	68	69	------
7	57.92	58.05	58.82	57.37	57.48	59.35	27.3	26.1	30.1	31.5	29.9	28	32.5	25.3	77	79	64	58	69	78	------
8	58.25	58.47	59.40	57.59	57.70	59.45	27	26.1	29.7	29.8	29.5	28	30.8	25.5	78	80	71	71	69	76	------
9	58.92	59.11	59.34	57.18	57.73	59.04	27.1	26.1	29.5	30.5	29.5	26.8	31.4	24.8	76	79	68	65	71	72	------
10	58.64	58.81	58.98	56.92	57.52	58.58	27	26.5	30.3	32	29.7	27	32.7	25.2	73	76	70	58	71	77	------
11	58.12	58.20	58.73	56.82	57.14	58.55	26.6	26	30.5	31.5	31	27.5	32.2	25.6	77	81	68	57	59	73	------
12	57.86	58.04	58.80	56.94	57.68	59.81	26.8	25.5	30.5	30.5	30	27.5	31.8	24.6	74	74	64	66	64	73	.3
13	58.49	59.71	59.79	58.19	59.56	60.35	26.5	25.5	29.5	28.9	27	25.5	31	25	80	80	68	67	80	80	.3
14	59	59.47	60.10	58.24	58.45	60.20	25	26	28.5	29.1	28.6	26.6	31.9	24.5	83	78	74	71	73	77	.8
15	58.80	59.97	60.33	58.59	59.68	60.39	26.5	26.3	29.5	30.5	28	27	31.5	25.4	75	74	71	66	77	77	6.1
16	59.46	59.80	60.45	58.48	58.94	60.35	26	26.1	28.9	31.1	27.5	26.3	31.9	25.5	83	83	71	62	73	81	------
17	60.22	60.41	60.81	59.45	59.29	60.20	25.5	25.6	28	29.5	28.4	26	31.5	24.3	80	79	71	66	68	76	2.8
18	59.52	60.20	60.41	58.65	58.77	59.26	25.9	25	29.4	30	29.5	28.5	31.3	23.8	75	76	62	65	61	68	------
19	59.21	59.54	59.64	57.97	57.73	58.78	26.9	25	32	30	28.5	27	32.5	24.4	72	77	54	64	74	80	------
20	58.90	59.04	58.78	57.06	57.15	58.55	26.5	25.9	30.5	31.5	29	27.5	32.9	24.5	76	70	60	57	71	75	------
21	57.73	58.24	57.90	56.04	56.71	57.87	25.8	25.5	30	30.9	29.5	28	31.6	24.2	77	74	59	60	63	77	1.8
22	57.91	57.98	58.01	57.01	57.07	58.64	24.5	24.3	30	30.5	26.9	26.9	31	23.9	79	84	67	63	78	76	------
23	57.42	57.59	57.44	56.41	56.98	58.66	25.5	25.8	30	32	29.9	27.5	32.2	25.3	80	80	65	58	59	70	------
24	57.21	57.85	57.85	56.57	57.08	58.55	25.5	25.4	30	31.9	29.4	27.5	32.7	25.2	78	80	67	58	70	80	------
25	57.90	58.30	58.50	56.58	57.49	59.38	25.8	25.6	29.6	29.5	28.5	27	32.1	25.3	90	91	72	76	78	80	4.8
26	58.02	58.07	58.94	56.94	58.01	59.41	25.1	25	30.1	31.5	28.5	26	33	24.5	92	92	64	63	74	78	------
27	58.08	58.44	58.64	56.34	56.93	58.93	25	25.5	31	32	29.1	27.5	32.6	24.7	88	83	63	52	67	76	------
28	57.99	57.86	58.76	57.28	57.94	59.36	25.2	25	29	31	29.5	27.5	32.6	24.2	87	85	71	56	71	75	------
29	58.39	59.01	59.90	57.55	58.10	59.44	26.9	27	29.5	31	28.5	27	32	25.6	76	78	59	62	76	80	2.8
30	58.52	58.65	59.05	57	57.86	59.10	24.4	25	30	30.8	24.8	25.1	32.5	23.9	91	88	71	60	83	91	6.9
Mean	58.25	58.56	58.97	57.19	57.65	59.10	26.2	25.9	29.9	30.8	28.9	27.3	32	25	79.1	79.6	66	62.4	70.3	76.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	33

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	Calm	E	E	Calm	Calm	28.2	45.6	107.5	41.6	222.9	3	Ci.	Cu. E	3	Ci.	Cu. E
2	Calm	Calm	E	E	E	NE	32.4	83.7	95.6	75.3	287	3	Ci.	Cu. E	2	Ci.	Cu. E
3	NE	SE	ENE	ENE	ENE	Calm	38.1	73.5	104.6	48	264.2	7	------	Cu.-N. E	5	Ci.	Cu. ESE
4	E	E	ENE	E	E	Calm	101.9	103	130	55	389.9	4	Ci.	Cu. E	3	Ci.	Cu. E
5	Calm	Calm	E	E	N	Calm	26.8	93	109.9	42.3	272	6	------	S.-Cu. E	6	A.-Cu.	Cu. E
6	Calm	Calm	E	E	E	E	27.9	91.4	94.3	43.7	257.3	4	Ci.	Cu. E	3	Ci.	Cu. E
7	Calm	Calm	E	E	Calm	NNE	18.5	62.2	89.6	39.4	209.7	5	Ci.	Cu. ENE	7	Ci.-S.	Cu. ENE
8	NE	Calm	E	ENE	E	Calm	25.1	75.9	77.5	32.4	210.9	6	Ci.-S.	Cu.-N. E	5	Ci.	Cu. E
9	Calm	Calm	E	E	Calm	Calm	21.2	59.3	96.4	28.7	205.6	2	Ci.	Cu. ENE	5	Ci.	Cu. ENE
10	Calm	Calm	SE	E	Calm	Calm	28.4	45.6	79.1	21.5	174.6	5	A.-Cu. E	Cu. NE	4	Ci.	Cu. ENE
11	Calm	Calm	E	E	Calm	Calm	21.2	50.9	88.8	26	186.9	6	Ci.	Cu. ENE	5	Ci.	Cu. E
12	Calm	Calm	E	E	E	Calm	24.6	72.7	107.5	35.7	240.5	4	Ci.	Cu. E	6	Ci.-S.	Cu. E
13	SW	Calm	SE	Calm	Calm	Calm	18.3	43.3	34.9	16.7	113.2	7	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. ESE
14	Calm	Calm	S	S	Calm	Calm	23.8	37.3	59	20.9	141	7	Ci.-S.	N.-cf. ENE	8	Ci.-S.	Cu.-N. E
15	Calm	SW	S	S	Calm	Calm	25.5	60.7	64.2	18.8	169.2	7	Ci.-S.	Cu.-N. ENE	8	Ci.-S.	Cu.-N. SSW
16	Calm	Calm	SSE	SW	Calm	Calm	18.5	46.5	56.1	19.8	140.9	7	Ci.-S.	Cu.-N. SSW	6	Ci.-S.	Cu.-N. SW
17	Calm	S	SW	SW	Calm	Calm	22.2	43	70.8	17.7	153.7	9	------	Cu.-N. SW	8	A.-Cu.	Cu.-N. SW
18	W	Calm	S	SW	WSW	SW	22.3	59.3	81.9	25.4	188.9	3	Ci.-S.	Cu. SW	6	Ci.-S.	Cu.-N. WSW
19	Calm	Calm	W	SW	SW	Calm	18.5	68.9	81.8	25.4	194.6	6	Ci.-S. E	Cu. SW	9	Ci.-S.	Cu. WSW
20	Calm	Calm	S	SSW	Calm	Calm	15.1	72.7	87.5	29.5	204.8	3	Ci.	Cu. WSW	5	Ci.-S.	Cu. SW
21	Calm	Calm	SSW	SW	Calm	Calm	11	67.8	62.3	27.7	168.8	8	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. SW
22	NE	Calm	NE	S	Calm	E	33.2	42	54.7	18.8	148.7	8	Ci.-S.	N.-cf. WSW	7	Ci.-S.	Cu.-N. NE
23	Calm	Calm	E	E	Calm	NE	19.5	74.5	92.5	29.8	216.3	7	Ci.-S.	Cu. ENE	4	Ci. NNW	Cu. ENE
24	Calm	Calm	E	E	Calm	Calm	15.9	82.9	89.8	15.3	203.9	7	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu.-N. ENE
25	Calm	Calm	SSE	S	SSW	NE	28	47.5	48.5	40.7	164.7	4	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu.-N. N
26	Calm	Calm	SSE	SE	Calm	Calm	12.7	41.2	49.7	24.3	127.9	6	Ci.-S.	Cu. WSW	6	A.-Cu. SE	Cu.-N. SW
27	Calm	Calm	SE	E	ENE	Calm	28.5	53.4	77.5	29.2	188.6	7	Ci.-S.	Cu. E	4	Ci.-S. E	Cu. ESE
28	Calm	Calm	E	E	NE	Calm	24.4	44.6	95	24.4	188.4	3	Ci.	Cu. E	7	Ci.-S.	Cu. E
29	Calm	Calm	N	E	Calm	Calm	16.1	55.2	65.7	29.2	166.2	5	A.-Cu.	Cu. E	5	Ci.	Cu. E
30	Calm	Calm	SE	W	Calm	Calm	30.3	45.1	65.8	22.5	163.7	3	Ci.	Cu. E	5	Ci.-S.	Cu.-N. NE
Mean	------	------	------	------	------	------	25.9	61.4	80.6	30.9	198.8	5.4	------	------	5.7	------	------
Total	------	------	------	------	------	------	------	------	------	------	5,965	----	------	------	------	------	------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 4.5 meters; gravity correction not applied, $\dot{-}$1.84 mm.]

JULY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.72	56.78	57.58	55.50	56.29	57.42	24.2	24.2	29.1	30.9	28.2	26	31	23.9	91	91	72	60	74	84	18.5
2	56.27	56.44	57.19	55.20	55.77	57.17	25.5	24.5	28.1	30	28	25.5	30.8	23.5	85	92	80	59	80	87	1.5
3	56.59	56.72	57.15	55.60	56.40	58.15	24.7	24.5	29.1	29.5	27.5	26	30.6	24.2	87	90	75	70	73	84	5.6
4	57.55	57.57	58.15	56.71	57.02	58.22	25.1	25	28.1	24.5	26.5	25	29.5	23.4	91	91	73	87	87	92	59.2
5	57.83	57.46	57.39	56.01	56.44	58.21	24.9	26	29.8	30	28.7	25.5	31.1	24.5	88	85	69	60	66	86	5.8
6	57.16	57.03	57.54	56.83	56.79	58.29	24.5	24.5	28.5	24.9	25.4	24.5	29.6	24.2	92	92	74	91	89	89	8.6
7	57.47	57.78	57.87	56.84	57.77	58.71	22.8	23	26.5	28.5	27	25.8	29	22.5	85	86	76	70	77	88	------
8	58.07	58.19	58.70	56.75	58.28	59.55	24.5	24.5	28.4	30	27.5	26	30.3	23.9	91	87	71	64	76	84	.5
9	58.67	59.04	58.58	56.65	57.70	59.21	24.8	25	29.1	30.1	26	25.3	30.6	23.8	92	88	63	56	86	89	6.1
10	58.40	58.42	58.43	56.76	57.67	58.03	24.6	24.3	29	29.5	26.9	25.3	30	23.9	90	89	74	66	77	90	.5
11	57.48	57.37	57.91	56.64	56.62	57.86	25	24.5	28.5	25	26.3	25	29	24.3	92	94	75	88	88	91	4.8
12	56.98	56.85	58.02	56.13	57.12	58.45	24.3	24.5	23.8	27.5	26.5	25	28.8	23.4	90	86	89	75	73	73	2
13	57.93	57.84	58.81	56.95	57.53	59.08	25	25.2	28.5	30.4	28.5	27	31	23.9	82	82	68	53	73	78	------
14	58.40	58.92	59.11	57.36	58.21	59.86	25.3	25	28.5	29.3	28	25.5	30.5	22.8	88	89	72	64	73	84	7.9
15	58.26	58.53	58.91	57.30	58.26	60.45	24.5	24.7	29	30.6	29	22.3	31.8	22	88	87	68	63	68	95	21.6
16	59.21	59.03	59.16	58.49	57.42	59.24	23.6	24	28.5	24.1	25.9	25	29.2	21.7	87	89	72	91	91	91	60.2
17	57.53	57.45	57.89	56.40	57.06	58.66	23.1	23.5	28.5	30.1	27.8	26.3	30.9	22.5	96	94	70	66	76	86	------
18	57.42	57.79	58.64	56.98	57.56	59.59	26	26	28.5	30.2	28	27.6	31.8	23.4	88	84	74	62	70	73	31
19	58.89	59.29	59.68	57.94	58.51	59.54	25.1	25	29	30.5	28.5	26.1	31	23.7	90	90	69	66	73	83	1.3
20	59.07	59.49	59.91	58.32	58.51	59.22	26.2	24.5	25.7	27.1	26	25.2	28.5	24.3	81	92	84	72	81	83	3.3
21	58.07	57.94	58.64	57.16	57.68	58.24	25.3	25.3	28.5	28.9	26.5	24.9	30	23.7	77	76	67	67	81	88	8.1
22	57.87	58.09	58.43	56.79	57.69	59.64	24.5	24.9	28.9	29.9	28	25	30.5	23.5	84	79	65	62	71	82	6.6
23	58.21	58.19	58.54	56.31	57.11	58.44	24.5	25	28.5	29.6	26	26.2	30	23.5	86	85	72	67	82	86	2
24	57.08	57.06	57.61	55.64	56.19	57.51	25.7	25.1	26	29	25.1	25.9	29.5	24.1	86	87	85	72	87	72	21.6
25	56.56	56.67	56.14	55.15	56.18	57.91	26.7	26	30	30.3	28.3	27.1	31	24.6	74	75	59	64	69	69	------
26	56.49	56.71	57.11	55.75	56.59	58.57	26.2	26.5	29.3	30.1	28.5	26.5	31.5	25.3	69	76	64	59	60	69	------
27	57.15	56.67	57.75	56.36	56.69	58.05	26.6	26.5	30	30	29.5	27.3	30.6	25.5	72	71	65	60	68	65	------
28	56.85	55.92	56.38	54.50	55.19	56.85	26.9	26.9	29.4	30.1	29.5	28.2	30.9	26	70	77	70	65	68	66	------
29	55.66	55.91	56.48	54.95	54.86	57.80	28.2	27	29.5	30.5	30	28.5	31	26.5	71	75	69	65	62	64	------
30	57.45	58	58.55	57.54	57.75	59.80	27.6	27	29.5	28	27.5	25.5	30	25.1	70	70	68	70	71	78	2.3
31	58.24	58.56	58.88	57.57	57.70	59.13	25.6	25.5	29.4	30.6	29	27.1	31.3	24.4	71	72	64	64	74	73	------
Mean	57.63	57.67	58.10	56.55	57.11	58.61	25.2	25.1	28.5	29	27.6	25.9	30.4	23.9	84	84.5	71.5	67.7	75.6	81.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	279

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	Calm	E	Calm	Calm	22.8	32.7	60.9	23.1	139.5	8	Ci.-S.	Cu.-N. NE	6	Ci.-S. E	Cu. ENE
2	NE	Calm	Calm	E	Calm	Calm	24.4	19	42.3	17.9	103.6	7	Ci.-S.	Cu.-N. ENE	7	Ci.-S.	Cu.-N. ENE
3	Calm	Calm	SE	S	Calm	Calm	18.3	39.1	49.9	25.2	132.5	8	Ci.-S.	Cu.-N. ENE	9	Ci.-S.	Cu.-N. ENE
4	Calm	Calm	S	Calm	Calm	Calm	15.9	35.2	37.2	18.8	107.1	7	------------	S.-Cu. E	9	Ci.-S.	Cu.-N. E
5	S	Calm	Calm	ENE	Calm	Calm	29.8	31.1	68.2	43.5	172.6	6	A.-Cu.	Cu. ENE	4	Ci.	Cu. ENE
6	N	Calm	S	NE	Calm	Calm	26.2	38.4	27.4	21.9	113.9	7	Ci.-S.	Cu.-N. SSE	10	------------	N. SSW
7	Calm	Calm	S	SSW	Calm	Calm	19	28.8	60.6	11	119.4	8	Ci.-S.	N.-cf.	6	Ci.-S.	Cu. SW
8	Calm	Calm	SSW	SSE	Calm	Calm	5.3	46.5	53.3	16.7	121.8	7	A.-Cu. S	Cu. WSW	7	Ci.-S.	Cu.-N. SW
9	Calm	Calm	SSW	SW	Calm	N	13.9	52.1	66.3	20.9	153.2	8	A.-Cu.	Cu. SW	4	Ci.	Cu. SW
10	Calm	Calm	S	SW	Calm	Calm	19.8	35.7	45.4	18.5	119.4	6	Ci.-S.	Cu. W	7	Ci.-S.	Cu. WSW
11	Calm	Calm	Calm	Calm	Calm	Calm	13.5	25.5	16.3	12.7	68	8	Ci.-S.	Cu. WSW	9	------------	Cu.-N. WSW
12	Calm	Calm	W by N	SW	Calm	Calm	10	38.8	62	18.7	129.5	9	------------	N.-cf. W	9	Ci.-S.	N.-cf. WSW
13	Calm	Calm	SW	SSW	Calm	Calm	17.2	63.8	54.5	7.5	143	5	A.-Cu.	Cu. SW	6	Ci.-S.	Cu. SW
14	Calm	Calm	Calm	S	E	Calm	5.8	40.7	57.9	24.3	128.7	7	Ci.-S.	Fr.-N. SW	7	Ci.-S.	Cu.-N. SW
15	Calm	Calm	E	SE	E	Calm	12.3	55.8	57.7	36.4	162.2	6	A.-Cu. ENE	Cu.	4	Ci.	Cu. ENE
16	Calm	Calm	S	NW	Calm	NE	17.1	35.9	38.3	20.4	111.7	5	Ci.-S. E	Cu.	10	------------	N. NNE
17	Calm	Calm	SE	SE	Calm	Calm	18.2	24.9	43.3	20.4	106.8	6	Ci.-S.	N.-cf. NE	5	Ci.-S.	Cu. SSW
18	Calm	SSW	S	S	Calm	Calm	18.7	60	55.8	31.2	165.7	7	Ci.-S.	N.-cf. S	5	Ci -S.	Cu. S
19	SW	Calm	SE	SE	SW	Calm	21.4	30	57.1	23.1	131.6	8	------------	Cu.-N. SSW	7	Ci.-Cu.	Cu. SW
20	Calm	Calm	Calm	SW	Calm	Calm	15.8	15.1	26.6	8.9	66.4	10	------------	N. WSW	7	Ci.-S.	Cu.-N. W
21	W	WSW	S	NE	Calm	SW	25.9	46.2	34	19.9	126	7	Ci.-S.	Cu.-N. W	7	Ci.-S.	Cu.-N. WNW
22	NE	Calm	SSW	SSW	W	Calm	20.9	60.2	65	36.8	182.9	4	Ci. E	Cu.	6	Ci.-S.	Cu. WSW
23	Calm	Calm	SW	SSW	WSW	Calm	13.1	45.4	70.8	10	139.3	5	A.-Cu.	Cu. WSW	4	Ci.	Cu. SW
24	Calm	Calm	WNW	SW	Calm	W	19	52.1	70.3	37	178.4	7	Ci.-S.	Cu. W	7	Ci.-S.	Cu.-N. SW
25	SW	SW	SW	SSW	Calm	Calm	112.7	86.4	101.6	42.3	343	7	Ci.-S. ENE	Cu.-N. SW	6	Ci.-S.	Cu. SW
26	WSW	SW	SSW	SSW	SE	Calm	41.8	101.9	129.5	45.6	318.8	6	Ci.-S. E	Cu. SW	7	Ci.-S.	Cu. WSW
27	Calm	W	SSW	SSW	SW	W	31.4	96.6	115.4	43	286.4	7	Ci. NNE	Cu. SW	8	Ci.-S.	Cu. SW
28	W	WSW	SSW	SSW	SW	W	48.8	114	130.9	31.7	325.4	9	Ci.-S.	Cu.-N. SW	7	Ci.-S.	Cu. SW
29	Calm	SW	SW	SW	SW	W	95	105.9	119.4	61.5	381.8	7	Ci.-S. NNE	Fr.-Cu. WSW	6	Ci.-S.	Cu. WSW
30	Calm	W	SW	W	Calm	Calm	24.6	79.7	80.2	17.9	202.4	8	Ci.-S.	Cu. SW	6	Ci.-S.	Cu.-N. SW
31	N	W	S	SW	SW	Calm	22	77.5	87.5	31.1	218.1	2	Ci.	Cu. SW	3	Ci.	Cu. WSW
Mean	------	------	------	------	------	------	25.8	52.1	64.1	25.7	167.7	6.8	------------	------------	6.6	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	5,199.1	------	------------	------------	------	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.84 mm.]

AUGUST, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. tc.*	*P. ct.*	*P. ct.*	*mm.*
1	58.50	58.67	58.90	57.29	57.48	58.98	26.1	26	29.4	30.5	29	26.1	31.4	24.9	77	78	70	63	72	79	------
2	58.07	57.29	58.05	56.30	56.68	58.30	26.4	26	29.5	30.9	28.5	25.9	31.3	25.1	73	71	66	61	73	85	10.7
3	57.78	58.24	58.38	56.13	56.99	58.29	25.9	24.5	28.5	30	28.4	24.5	31.2	24	85	92	70	65	70	87	4.6
4	58.13	57.69	58.38	56.86	57.24	59.09	23.8	24	28.6	30	27.5	25.5	30.3	22.7	87	85	67	60	73	83	------
5	58.35	58.74	59.10	57.68	57.89	59.35	26.1	25.5	29.3	30.3	29	26.9	31	24.5	73	75	64	67	71	76	------
6	58.59	58.49	59.06	57.78	58.39	60.09	26.3	24.4	30	31	29	26	31.9	23.8	72	78	66	62	69	80	.8
7	58.71	58.77	59.40	57.04	57.80	59.69	24.3	23.8	29.4	31.6	29	25.5	32.3	23	78	77	63	54	71	78	35.1
8	59.62	59.25	59.61	57.82	58.26	59.64	24.2	24	29.5	31.4	29	26.6	32	22.7	88	84	67	58	71	83	------
9	58.75	59.32	60.40	58.63	59.04	61.14	25.9	25	30	30.8	28.9	26.5	31.5	24.5	87	91	65	62	69	77	------
10	59.61	59.74	60.10	58.15	59.24	60.74	25.3	25	29.5	30.5	28.7	26.5	31.5	24.1	78	79	61	63	73	79	3.8
11	59.57	59.65	59.93	57.84	57.74	59.68	25.1	23.5	28.5	30	28.8	27	31	23.2	83	89	68	66	67	72	4.8
12	58.56	58.90	58.75	56.34	57.34	59.22	24.9	24	30	31	28.5	26.6	32	23.5	82	82	64	62	72	72	------
13	58.25	58.76	60.01	58.19	58.76	59.65	25.5	24	29.8	30.9	28	25	31.4	23.5	73	79	68	59	75	80	10.9
14	58.76	59.84	60.79	59.63	59.64	60.74	25.2	23.8	25.9	25	25.9	24.4	26.6	22.5	82	90	83	80	79	83	28.4
15	59.86	59.38	59.61	57.53	57.91	59.26	23.8	23	28	29.5	27.5	25.2	30.8	22.7	84	84	70	64	75	82	------
16	58.40	58.03	57.73	56.54	57.49	58.70	24.5	23.5	29.6	30.6	27.5	25.9	31.5	23.1	82	85	62	58	73	81	1.3
17	57.23	57.85	58.51	57.06	58.02	59.46	25	24.3	29.5	29.7	25.5	26	31	23.8	83	84	61	63	74	76	------
18	58.14	58.65	59.86	58.50	59.64	61.01	25.4	25.2	29.2	29	23.8	23.4	30	23.4	77	74	63	71	86	85	19
19	59.32	59.96	60.11	58.20	58.70	59.90	23.9	23.9	27.2	29.5	27.9	25.4	31	23.3	81	78	77	68	71	77	------
20	58.87	58.75	59.13	57.12	56.99	58.64	24.7	24.5	29	30.4	29.1	26.7	31	24.1	80	80	68	64	68	79	------
21	57.21	57.74.	58.73	56.86	57.48	59.15	25	25.5	29.5	30	29	26.3	30.7	24.6	82	80	64	59	66	75	13.7
22	58.26	58.79	58.99	58.68	57.73	59.34	25.4	25	30	24	25.7	24.7	30.6	23.4	79	80	65	91	78	75	2
23	58.09	58.27	58.90	57.10	57.90	59.05	24.3	25	29.9	30.4	27.9	26.5	30.7	23.1	79	77	69	66	74	77	------
24	57.67	58.22	58.79	56.53	57.20	59.11	25.6	25.5	30	31.1	28.5	26.6	31.5	24.9	81	80	69	60	68	79	------
25	58.25	57.46	58.76	57.03	58.37	59.12	26.3	25.3	28.5	27.5	25.7	24.3	31.5	23.8	78	83	73	74	77	82	12.2
26	57.47	57.70	58.48	56.63	57.48	58.36	23.7	23.5	28.2	29.5	28.5	25.5	31	22.8	85	79	71	68	66	68	------
27	57.59	58.07	59.11	56.75	57.31	58.80	25	24.6	30	31	29.8	25.8	31.9	24	76	82	65	61	66	71	------
28	57.40?	57.92	58.74	56.49	56.81	58.55	25.5	26	30	31.4	29.5	27	31.9	25.2	78	81	69	56	71	77	------
29	57.40	57.38	58.28	56.39	56.46	58.25	25.9	25.5	29.3	31	29	26	31.5	25	81	80	66	59	68	75	.3
30	57.07?	57.19	58.35	56.23	56.93	58.89	27	25.3	30.3	31.5	29.6	26.9	31.9	24.8	75	80	64	53	64	74	------
31	57.31	57.49	58.42	56.29	57.15	58.84	25.1	24.9	29.5	31.1	29.8	27.1	31.5	24.4	78	78	68	56	63	74	------
Mean	58.28	58.46	59.08	57.28	57.81	59.32	25.2	24.6	29.2	30	28.1	25.9	31.1	23.8	79.9	81.1	67.3	63.6	71.4	78.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	147.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SSW	SSW	SW	Calm	14.8	63.8	89.9	14.7	183.2	7	------------	S.-Cu. W	5	Ci.-S. E	Cu. WSW
2	W	W	S	SSW	Calm	Calm	25.9	69	77.9	25.7	198.5	6	Ci.-S.	Cu. WSW	6	Ci.-S. E	Cu. WSW
3	Calm	Calm	SSW	S	Calm	Calm	29	57.9	48.1	21.7	156.7	8	------------	N. WSW	5	Ci.-S. SE	Cu. SW
4	Calm	Calm	SSW	SSW	WSW	Calm	13.7	57.6	89.3	12.1	172.7	5	Ci.	Cu. WSW	4	Ci.	Cu. WSW
5	W	W	SSW	SW	Calm	Calm	30	71.6	75.1	19.1	195.8	4	Ci.	Cu. WSW	3	Ci.	Cu. SW
6	Calm	Calm	SSW	SSW	Calm	Calm	17.2	55.2	76.2	25.7	174.3	2	Ci.	Cu. SW	4	Ci. E	Cu. SW
7	Calm	Calm	SE	S	Calm	Calm	16.1	36	52.5	20.1	124.7	2	A.-Cu.	Cu. SW	4	Ci.	Cu. SW
8	Calm	Calm	S	E	Calm	Calm	22.7	42.6	49.9	18	133.2	3	Ci.	Cu. WSW	4	Ci.	Cu. SW
9	Calm	Calm	SE	SW	Calm	Calm	16.9	33.3	69.5	21.1	140.8	4	Ci.	Cu. SSW	6	Ci.-S. E	Cu. S
10	Calm	Calm	S	S	Calm	Calm	19	53.6	55.7	17.9	146.2	3	A.-Cu. E	Cu.	4	Ci.	Cu.-N. S
11	Calm	Calm	SSW	SSW	W	Calm	29.3	53.7	72.2	25.2	180.4	3	A.-Cu. S	Cu.	4	Ci.	Cu. SSW
12	Calm	Calm	SSW	E	Calm	Calm	12.7	30.3	53.7	21.4	118.1	3	Ci. S	Cu.	4	Ci.	Cu. NNE
13	Calm	Calm	Calm	E	Calm	Calm	20.9	35.7	53.6	15.8	126	3	Ci.	Cu. ESE	7	Ci.-S.	Cu. E
14	Calm	NW	Calm	Calm	Calm	Calm	14.8	33.3	20.1	13.9	82.1	10	------------	N. S	9	------------	N.-cf. E
15	Calm	Calm	S	S	Calm	Calm	17.1	42.8	34.6	16.6	111.1	3	Ci.	Cu. SSW	5	Ci.	Cu. SSW
16	Calm	Calm	S	S	N	Calm	23.6	63.3	70	21.1	178	3	Ci.	Cu. SSW	4	Ci.	Cu. SW
17	Calm	Calm	S	SW	WNW	Calm	13.9	61.8	90.6	26.2	192.5	7	Ci.-S.	Cu. WSW	7	Ci.-S. E	Cu.-N. WSW
18	Calm	Calm	S	SSW	SW	Calm	15.5	50.1	62.6	27.6	155.8	9	Ci.-S.	Cu.-N. WSW	8	Ci.-S.	Cu.-N. WSW
19	Calm	Calm	SE	E	Calm	Calm	20.1	34.1	70.5	23.1	147.8	7	Ci.	Cu.-N. SSW	6	Ci.-S.	Cu. SSW
20	Calm	Calm	E	E	E	Calm	26.2	38.9	73	23.1	161.2	3	Ci.	Cu. ESE	4	Ci.	Cu. ESE
21	Calm	Calm	E	E	Calm	Calm	21.2	39.1	76.4	25.4	162.1	6	------------	N.-cf. NE	3	Ci.	Cu. ENE
22	Calm	Calm	E	E	Calm	Calm	25.2	40.7	71.6	26.4	163.9	3	Ci.	Cu. E	9	------------	N. E
23	N	Calm	E	E	E	Calm	20.6	63.6	85.6	34.1	203.9	5	A.-Cu. SSE	Cu. E	5	Ci.-S.	Cu. E
24	Calm	Calm	E	E	Calm	Calm	27.2	51.3	84.5	31.7	194.7	3	Ci.	Cu. E	4	Ci.	Cu. E
25	Calm	Calm	SSW	S	SSE	Calm	21.5	31.6	72.6	22.7	148.4	5	Ci.	Cu. ENE	7	Ci.-S.	Cu.-N. E
26	Calm	Calm	SSE	Calm	Calm	Calm	23.8	30.8	33.3	21.4	112.3	6	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
27	Calm	Calm	Calm	E	Calm	Calm	20.9	23.1	61.8	31.7	137.5	2	Ci.	Cu. E	3	Ci.	Cu. E
28	E	Calm	E	E	Calm	Calm	32	38.3	76.9	28.8	176	4	Ci.	Cu. E	3	Ci.	Cu. ENE
29	Calm	Calm	ENE	E	Calm	Calm	19.1	47	78.4	15.9	160.4	3	Ci.	Cu. ENE	3	Ci.	Cu. E
30	Calm	Calm	E	E	E	SE	22.7	47.7	85.8	43.8	200	3	Ci.	Cu. E	3	Ci.	Cu. E
31	Calm	Calm	E	E	Calm	Calm	------	------	64.9	25.9	------	6	Ci.-S.	Cu. ENE	3	Ci.	Cu. E
Mean	------	------	------	------	------	------	21.1	46.6	67	23.3	157.9	4.5	------------	------------	4.9	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	4,738.3	----	------------	------------	----	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.84 mm.]

SEPTEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.76	57.24	58.41	56.30	57.05	58.72	25.9	25.2	29.5	30.5	29	25	31.7	23.6	75	78	70	63	70	84	15.2
2	57.62	57.44	58.58	56.32	53.95	58.31	25.5	24.6	29	30.5	28	25.1	31.1	23	84	84	69	60	71	80	18.3
3	57.79	57.57	58.67	56.55	56.97	59.16	23.4	24	28.3	28.9	27.6	25.3	29.9	22.6	87	86	72	67	73	81	1.3
4	57.68	57.92	58.01	55.83	57.05	58.79	24.9	24.1	29	30	25.6	24.3	31.4	23.6	83	84	64	62	81	82	10.2
5	57.33	57.70	58.29	56.38	57.45	58.73	24.3	25	28.7	28.5	26	24	30.2	23.6	79	69	59	69	64	75	------
6	57.38	57.44	58.58	56.16	56.89	58.16	24	23.5	29	30	25	26.1	30.8	23.3	74	79	68	60	77	72	5.8
7	56.98	57.05	58.11	56.19	56.64	58.32	25.5	26	29.9	30	28.2	26.7	30.5	24.9	66	69	52	60	74	67	------
8	57.03	57.22	58.11	56.26	57.43	57.82	25.8	25	29.2	27.5	23.8	23.4	29.6	22	68	70	60	77	81	77	30
9	56.94	57.65	57.87	56.30	56.93	58.84	25.1	24.5	28.6	29.7	29	26.1	30.1	23.2	68	76	64	66	74	76	------
10	57.92	58.62	58.74	56.89	57.78	58.89	26	26.9	30	30.5	28.5	27.1	31	25.4	76	67	62	65	74	68	------
11	57.60	53.07	58.38	56.60	57.37	58.71	26.5	26.3	29.5	30.5	27.5	26.6	31	25.3	72	63	64	59	66	69	------
12	57.42	56.94	57.64	55.62	56.38	57.94	25.8	24.7	29.1	30.5	28.5	26.9	30.5	24	75	79	64	63	73	70	------
13	56.33	56.88	57.06	55.10	55.54	57.12	25.4	25.1	29.7	30.2	27.8	27	31	24.9	74	75	64	66	68	69	------
14	55.92	55.74	55.81	54.44	54.99	56.46	26.8	25.5	29.8	30.9	28.1	27.2	31.2	25.4	67	72	63	64	73	70	------
15	55.46	55.21	56.25	55.37	55.78	56.65	26.2	26.5	30.1	24	27	26.9	31	22	74	70	64	87	70	74	14.7
16	55.77	56.86	56.39	55.18	56.11	57.97	25	25.2	29.6	29.5	27.9	24.7	30.5	24.1	78	81	61	69	67	85	2.3
17	57.09	57.07	58.05	56.10	56.52	58.09	25.1	26	28	28	26.9	26.1	29	24.5	79	73	61	70	70	71	------
18	56.54	56.72	57.30	55.60	56.28	57.20	25.9	25.3	29.5	30.3	28.5	26.5	30.6	24.9	71	74	62	61	71	74	------
19	56.58	57.11	58.02	55.89	56.49	57.77	25	25	30.1	30.1	28.3	25.5	31	24.4	79	79	68	59	72	79	------
20	57.12	58.06	58.35	56.85	57.75	58.62	25.1	25.2	30.3	30	27.5	25.3	33.1	24.4	82	79	64	65	70	71	------
21	57.96	58.52	58.99	56.83	58.44	59.82	25	26	30	30.1	28	25.9	31	24.5	76	78	65	68	76	67	------
22	59.20	59.72	59.79	58.07	58.04	59.75	25.3	24.6	30.6	29.8	28.9	26.3	31.5	24.1	77	79	66	63	71	77	------
23	58.76	58.99	59.85	58.21	58.11	59.17	25.9	24.7	28.9	26.5	25.5	25.2	30.1	24	78	82	60	76	81	78	25.4
24	58.28	58.47	59.16	57.35	58.20	59.32	23.4	23.5	27.5	28.9	27	24.8	29.6	22.9	87	79	69	65	75	85	4.1
25	58.03	58.10	58.78	56.93	57.41	59.51	24.6	24.4	28.9	30	27.3	25.7	30.5	23.5	79	76	65	63	68	75	------
26	58.55	59.48	60.35	57.89	59.36	61.80	25	24.7	29.9	29.5	28	25.6	30.5	23.8	73	75	59	63	64	78	.8
27	61.20	61.51	62.39	59.89	60.63	62.07	24.7	24.5	29	30.5	27.6	25	31.2	23.9	84	79	70	68	79	80	------
28	60.46	60.85	61.56	58.15	58.63	59.61	24.2	24.3	29.2	29.5	27.5	25.4	30.9	23.8	81	76	71	68	77	80	2.3
29	58.09	57.77	58.01	56.06	56.34	57.57	24.3	23.6	29	24.9	24.5	24.7	30.2	23	84	83	68	79	82	79	13.7
30	56.53	57.79	57.92	55.13	56.51	57.66	24.1	23.6	27.5	27.2	28	25	29.5	23	82	85	79	79	74	86	13.2
Mean	57.58	57.86	58.45	56.48	57.20	58.62	25.1	24.9	29.2	29.2	27.4	25.6	30.7	23.9	77.1	76.6	64.9	66.8	72.9	76	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	157.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	Calm	E	Calm	Calm	22.7	28.5	95	27.4	173.6	4	Ci.	Cu. E	6	Ci.	Cu. E
2	Calm	Calm	ENE	E	SW	Calm	16.7	28	54.4	29.3	128.4	8	------	Cu.-N. E	4	Ci.	Cu. E
3	Calm	Calm	Calm	S	Calm	Calm	12.9	20.7	37.8	15.6	87	8	Ci.-S.	N.-cf. E	7	Ci.-S.	Cu. E
4	Calm	Calm	S	S	Calm	Calm	8.5	40.8	57.1	26.9	133.3	8	Ci.-S.	Cu.-N. WSW	6	Ci.	Cu.-N. W
5	W	WSW	SW	SSW	SW	W	45.6	51.2	89	44.8	230.6	8	------	Cu.-N. W	8	Ci.-S.	N.-cf. W
6	Calm	Calm	SSW	S	Calm	Calm	13.4	50.2	72.1	24.6	160.3	7	A.-Cu.	Cu. W	7	Ci.-S.	Cu. W
7	SW	Calm	SSW	SW	Calm	W	34.9	49.4	82.6	48.6	215.5	7	Ci.-S.	S.-Cu. W	7	Ci.-S.	Cu. WSW
8	W	Calm	SSW	Calm	SW	Calm	25.7	36.2	55.8	30	147.7	9	------	S.-Cu. W	8	Ci.-S.	N.-cf. WSW
9	W	Calm	SW	SW	Calm	Calm	36.5	66.8	78.3	19.8	201.4	8	A.-Cu. S	S.-Cu. WSW	5	Ci.-S.	Cu. SW
10	Calm	SW	SW	SSW	Calm	Calm	24.6	80.2	81.6	31.4	217.8	6	Ci.-S.	S.-Cu. W	3	Ci.	Cu. W
11	W	Calm	S	SW	Calm	Calm	41.3	68.4	86.3	23.5	219.5	5	Ci.-S.	S.-Cu. W	8	Ci.-S.	Cu.-N. WSW
12	W	Calm	SW	SSW	W	W	20.9	58.9	78.9	28.4	187.1	8	Ci.-S.	Cu. W	5	A.-Cu.	Cu. WSW
13	Calm	Calm	S	SW	Calm	W	20.9	79.2	79.5	28.5	208.1	3	Ci.	Cu. WSW	3	Ci.	Cu. SW
14	W	Calm	SSW	SW	Calm	Calm	37.5	73.4	67.9	26.6	205.4	2	Ci.	Cu. WSW	3	Ci.	Cu. WSW
15	Calm	W	SSW	Calm	Calm	WSW	29.3	84.3	56.6	31.7	201.9	3	Ci.	Cu. SW	7	Ci.-S.	Cu.-N. WSW
16	Calm	Calm	SW	SSW	W	Calm	11.8	48.3	64.4	21.5	146	9	Ci.-S.	N.-cf. WSW	9	Ci.-S.	Cu.-N. W
17	Calm	WSW	WSW	SW	WSW	W	27.9	71.9	96.1	47.2	243.1	8	Ci.-S.	N.-cf. WSW	8	------	Cu.-N. W
18	Calm	Calm	S	S	Calm	Calm	28.8	65	81.5	16.7	192	7	A.-Cu. W	Cu. SW	5	Ci.	Cu. SW
19	Calm	Calm	SSW	SW	Calm	Calm	17.4	62.2	65.5	17.1	162.2	5	A.-Cu.	Cu. WSW	6	Ci.-S.	Cu. SW
20	Calm	Calm	SSW	S	Calm	Calm	16.4	39.1	40.2	23.5	119.2	6	Ci.-S.	Cu. SW	7	Ci.	Cu.-N. SSW
21	Calm	Calm	E	E	Calm	Calm	28	47.5	84.8	28	188.3	4	Ci.	Cu. ESE	4	Ci. NE	Cu. ESE
22	Calm	Calm	SE	WNW	Calm	Calm	24.4	40.2	48	20.1	132.7	4	Ci.	Cu. E	6	Ci.	Cu.-N. NNE
23	Calm	Calm	NW	Calm	Calm	Calm	20.1	38.9	21.1	25.4	105.5	8	Ci.-S.	Cu. NE	9	Ci.-S.	Cu.-N. NE
24	Calm	Calm	SSE	SSW	Calm	Calm	24.9	43	63.9	23.5	155.3	7	A.-S. E	S.-Cu.	6	Ci.-S.	Cu.-N. SW
25	Calm	Calm	S	SW	WSW	Calm	25.7	77	84.2	20.7	207.6	5	A.-Cu. E	Cu. SW	4	Ci.	Cu. SW
26	W	Calm	S	S	WSW	Calm	20.9	53.1	88.2	23.1	185.3	8	A.-Cu.	Cu. SW	5	A.-Cu. E	Cu. SW
27	Calm	Calm	Calm	E	Calm	Calm	20.1	23.8	43.1	25.7	112.7	6	Ci.-S. E	Cu.	5	Ci.	Cu.-N. N
28	N	Calm	S	SSW	E	Calm	27.4	41	53.3	23	144.7	7	Ci.-S.	Cu.-N. NNE	8	Ci.-S.	Cu. N
29	Calm	Calm	E	N	Calm	Calm	21.9	51.5	45.1	18.5	137	5	Ci.-S.	Cu.-N. N	8	Ci.-S.	Cu.-N. N
30	Calm	Calm	SE	Calm	Calm	Calm	18.8	32.7	48.9	21.7	122.1	5	Ci.-S.	Cu. NNE	6	Ci.-S. ENE	Cu.-N. NNE
Mean	------	------	------	------	------	------	24.2	51.7	66.7	26.4	169	6.3	------	------	6.1	------	------
Total	------	------	------	------	------	------	------	------	------	------	5,071.3	------	------	------	------	------	------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.84 mm.]

OCTOBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.46	57.90	58.69	56.48	57.41	58.91	24.6	24.5	28	29.4	27.5	25	29.9	24.1	86	83	74	65	76	86	12.2
2	57.57	57.85	58.11	56.09	56.89	57.93	24.6	25.2	29	29.5	28	27	30	23.8	81	76	68	65	63	70	------
3	57.02	58.06	57.95	55.74	57.08	58.07	26.2	26.2	29.5	29	25.6	26	30	23.5	73	73	66	71	78	76	10.7
4	57.01	57.68	57.57	55.11	56	57.12	25.2	24.9	27.7	28.5	27.7	26.2	29.1	24.8	76	79	70	70	72	76	3.7
5	55.88	56.88	57.62	54.98	56.53	57.77	26	25.4	28.1	29.5	26.2	26.4	30.5	24.5	76	77	70	71	79	73	14
6	56.28	56.52	58.46	56.77	57.37	58.90	26.1	25.5	28	27.6	28	26.7	30.5	25.2	71	78	70	70	70	73	------
7	57.64	58.46	58.90	57.24	58	59.39	25.9	23.5	29	30.5	28.5	26.5	31.5	23.4	77	84	71	66	76	81	------
8	58.44	58.88	59.70	57.65	58.33	60.07	25.4	24.1	29.5	28.8	27.5	26.6	31.9	23.9	81	82	74	72	79	79	------
9	58.47	59.24	59.94	56.85	57.94	59.21	25.3	24.5	29	27.1	25	25.1	29.1	24.5	84	87	74	86	85	87	6.6
10	57.99	58.51	58.97	56.11	56.77	57.54	24.8	24.5	27.2	28.4	23.5	25	30	24.3	87	87	77	74	84	86	6.1
11	56.72	57.40	58.29	56.14	57.74	59.35	24.7	24	29	30	27.5	26	30.5	23.7	86	88	71	66	78	83	------
12	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
13	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
14	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
15	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
16	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
17	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
18	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
19	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
20	56.94	58.31	58.58	56.43	57.59	59.44	25.3	24.5	30.5	30.2	27.6	25.9	31.2	23.7	78	79	72	68	76	83	3.8?
21	58.35	59.29	59.54	57.50	58.14	58.92	25.1	24.6	30	28.2	26.6	25	31	23.9	86	85	73	80	87	83	6.1
22	57.88	58.87	58.95	56.50	57.08	57.81	24.4	23.5	29.5	30.5	28.5	26.1	31.5	23.1	86	79	64	65	76	82	------
23	56.26	55.37	57.15	55.08	56.65	57.51	26.4	26.5	28.5	29.5	27.9	27.5	30.5	25.5	82	76	71	69	75	80	.8
24	56.41	57.78	58.93	56.56	58.23	59.51	27	27.4	29.5	30	27.5	25.7	30.9	25.3	78	75	70	67	80	84	------
25	58.77	58.76	59.59	57.44	58.03	59.59	25.1	25.5	29	30.8	28.8	27	32	25	89	84	76	63	71	77	------
26	58.42	58.62	59.49	56.76	57.59	58.80	25.8	24.2	29.7	29.8	28	25.1	30	23.9	83	82	67	71	77	89	10.4
27	58.10	57.48	58.29	55.57	56.55	57.63	25.1	25.7	29.2	30	25.8	26	30.6	24.7	84	81	71	67	85	81	1.8
28	56.33	56.95	58.64	56.35	57.56	59.02	25.9	27	29.4	30	28	27.7	30.7	25.6	80	77	68	68	70	70	1
29	57.26	58.44	59.53	57.31	57.72	58.76	25.5	25	29	29.2	26.1	25	31.4	24.8	82	87	72	72	82	83	------
30	58.56	58.15	58.64	56.74	57.56	59.01	24.7	24.6	29	29.5	28.5	26.4	30.4	23.7	79	84	68	66	68	76	------
31	58.61	58.76	59.15	57.24	58.14	59.81	25.3	24.5	29.4	30.5	27	24.9	31	24.4	83	81	68	62	76	82	------
Mean	57.49	58.01	58.73	56.46	57.43	58.70	25.4	25	29	29.4	27.3	26	30.6	24.3	81.2	81	70.7	69.3	76.6	80	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

Day.	Wind.											Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SSW	S	Calm	Calm	27.4	56.3	66.3	22.7	172.7	7	Ci.-S.	Cu.-N. NNE	5	Ci.-S. E	Cu. SW
2	Calm	WSW	SW	S	SW	W	22.3	97.9	113.2	44.8	278.2	6	Ci.-S.	N.-cf. SW	7	Ci.-S.	Cu. SW
3	W	W	SSW	W	Calm	W	41.2	87.5	78.4	40.8	247.9	8	Ci.-S.	N.-cf. WSW	8	Ci.-S.	Cu.-N. WSW
4	W	W	SW	SW	Calm	W	43	71.1	81.1	29.3	224.5	7	A.-Cu. NW	N.-cf. WSW	9	Ci.-S.	N.-cf. WSW
5	Calm	WSW	SW	SSW	W	W	33.5	77	84.5	38	233	7	A.-Cu.	N.-cf. W	7	A.-Cu. W	Cu.-N. SW
6	SW	SW	SW	SW	SW	WSW	55.3	73.8	80.5	37.6	247.2	6	Ci.-S.	S.-Cu. W	7	A.-Cu.	Cu. SW
7	WSW	Calm	SW	SW	W	Calm	21.2	61	64.9	20.6	167.7	6	A.-Cu. W	Cu. SW	6	Ci.-S.	Cu. SW
8	Calm	Calm	S	NNE	Calm	S	22.8	50.4	46.5	36.8	156.5	6	Ci.-S.	Cu. S	8	Ci.-S.	Cu.
9	SW	Calm	Calm	Calm	Calm	Calm	21.1	28.2	41.6	20.9	111.8	8	------	S.-Cu.	7	Ci.-S.	Cu. WNW
10	Calm	Calm	SW	SE	Calm	W	26.4	45.7	34.3	23.6	130	8	------	Cu.-N. E	5	A.-Cu. S	Cu. NNW
11	Calm	Calm	NE	E	Calm	Calm	23.1	35.7	73.2	25.1	157.1	3	Ci.	Cu. NNE	3	Ci.	Cu.
12	W	NW	SW	E	E	------	27.7	30.1	75.9	33.3	167	------	------	------	------	------	------
13	E	Calm	E	E	E	Calm	31.7	60.9	111.6	19.5	223.7	------	------	------	------	------	------
14	Calm	Calm	E	E	------	W	19.9	61.5	85.5	20.1	187	------	------	------	------	------	------
15	W	Calm	SW	W	W	W	21.2	41.2	45.1	32.2	139.7	------	------	------	------	------	------
16	W	W	SW	WSW	W	W	31.1	61	74	44.9	211	------	------	------	------	------	------
17	W	W	SW	SW	SW	SW	63.1	116.7	149.2	48.5	377.5	------	------	------	------	------	------
18	W	W	SW	SW	W	W	39.4	102	78.1	22.3	241.8	------	------	------	------	------	------
19	W	Calm	SW	SW	Calm	NW	20.4	53.9	65.2	22.2	161.7	------	------	------	------	------	------
20	Calm	Calm	SE	Calm	Calm	Calm	29	41	35.9	24.7	130.6	2	Ci.	Cu.	3	Ci.	Cu.
21	Calm	Calm	S	Calm	Calm	Calm	22.3	46.4	37.3	25.2	131.2	3	Ci.	Cu.	6	------	Cu.-N. NNE
22	Calm	Calm	SSW	S	Calm	Calm	26.2	42	50.4	24.1	142.7	4	Ci.-S.	Cu. NNE	6	Ci.-S. E	Cu. NNW
23	Calm	SW	Calm	SSW	SW	SW	25.4	45.9	83.5	121	275.8	8	Ci.-S.	Cu. NW	9	Ci.-S.	Cu.-N. WNW
24	SW	SSE	SSW	SSW	Calm	Calm	83.9	67.1	60.9	24.9	236.8	9	Ci.-S.	Cu.-N.	8	------	Cu. SW
25	Calm	Calm	E	ENE	Calm	ENE	26.4	31.6	73	34.9	165.9	8	Ci.-S.	Cu.	6	Ci.	Cu. E
26	N	N	NE	ENE	Calm	Calm	24.6	86.6	57.4	20.1	188.7	6	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
27	N	N	NE	NE	NE	NE	47	101.9	130	69.4	348.3	8	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu. ENE
28	NE	SE	ESE	SSW	S	SW	72.4	96.9	77.7	47.2	294.2	8	Ci.-S.	Cu.-N. SE	8	Ci.-S.	Cu. SW
29	Calm	Calm	Calm	SE	Calm	Calm	21.5	22.7	44.9	19.3	108.4	8	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
30	Calm	E	E	E	Calm	E	25.5	69	------	------	------	7	Ci.	Cu. E	6	Ci.	Cu. E
31	Calm	Calm	E	E	Calm	Calm	26.6	44.5	63.4	18.7	153.2	8	Ci.-S.	Cu. E	7	Ci.	Cu. E
Mean	------	------	------	------	------	------	33	61.5	72.1	33.8	200.4	6.6	------	------	6.7	------	------

CEBU.

[φ=10° 18′ N; λ=123° 54′ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.84 mm.]

NOVEMBER, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1 --	58.49	58.42	59.56	57.14	58.01	58.91	24.3	25.1	29	30.5	28	26.3	30.8	24	82	78	69	63	71	80	7.4
2 --	58.32	58.85	59.19	56.45	57	58.34	24.7	23.4	29.2	30	28	26.6	30.6	23.3	87	86	66	64	70	78	------
3 --	57.32	58.18	58.90	56.20	57.12	57.86	25.3	23.3	29.1	29.9	25.9	24.7	30.5	22.7	81	81	71	67	86	86	15.2
4 --	57.32	57.43	57.89	55.54	55.94	57.41	23.4	23	29.6	27.2	27	25.8	30.7	22.8	87	84	68	78	79	80	4.1
5 --	56.23	56.08	56.56	54.65	54.72	55.06	24.9	25	27.8	28.5	26.3	27.2	28.8	24.4	83	82	75	67	75	71	52.3
6 --	52.89	52.60	52.20	49.35	51.14	54.11	25.5	24.4	25.5	25.2	25.8	27.1	27.3	24.1	80	87	80	83	80	74	89.7
7 --	54.60	55.81	57.32	54.86	55.66	57.53	24.5	26.6	29	29.6	27.7	25.3	31.1	23.5	87	79	72	67	76	88	1.5
8 --	56.93	57.58	57.94	55.40	56.82	58.47	24.3	23.6	29.2	30.8	27.3	25.8	31.5	23.4	87	87	72	62	82	81	3
9 --	58	58.64	59.18	57.68	58.66	59.55	25.1	25	28.2	30	27.4	25.7	31.1	24.2	83	84	73	66	80	86	6.1
10 --	58.70	60.24	60.59	57.75	58.99	60.90	24.9	24.5	28	29.5	24	23	29.9	23	86	87	77	70	86	90	26.9
11 --	59.80	60.06	61.42	58.26	58.57	60.11	23.4	23.8	23.5	28	25.3	24	28.2	22.6	88	85	95	70	86	88	16
12 --	59.45	59.46	60.24	57.55	58.70	60	24	23.5	28.7	30	27.2	24.4	30.5	23.3	87	87	73	68	77	88	.5
13 --	59.20	58.91	59.17	57.43	57.86	58.55	23.8	23	29.2	29.2	26.5	25.4	30.2	23	85	84	70	70	83	81	.8
14 --	56.54	55.69	55.79	53.36	53.18	54.03	25	24.2	25.8	26.5	26	25.4	26.8	23.7	80	83	83	72	69	71	.5
15 --	53.54	54.49	55.31	53.64	55.17	56.92	25.6	25.6	29	28.8	25.8	25.6	30.5	25	73	71	63	71	80	78	5.1
16 --	56.72	56.86	57.21	55.35	56.51	57.81	25.8	25.8	28	28.9	27	25.3	30	24.4	82	79	74	71	78	86	------
17 --	56.91	57.01	57.68	55.44	56.75	57.71	25	25	28.9	28.4	28	25.7	30.3	24.6	87	85	74	73	78	86	6.4
18 --	56.95	57.25	57.58	56.03	57.27	58.12	24.8	23.2	29.2	28.5	27.1	25	30	23.1	86	84	62	73	75	83	------
19 --	57.44	57.88	57.86	55.71	56.83	57.77	24.4	25	29	29.8	25.3	24	30.1	23.6	80	80	70	66	87	83	1.3
20 --	57.09	57.68	58.01	55.99	57.46	58.66	23.7	23.4	28.7	29.5	27	25	30.5	22.8	81	85	71	69	79	84	4.3
21 --	58.01	58.56	59.54	57.66	58.69	59.79	24.6	24	29.5	29	26.5	24.6	31	23.5	88	85	71	74	85	82	------
22 --	58.98	59.16	59.70	57.24	58.23	59.27	24	24	29.5	31	27.1	25.4	31.2	23	83	85	71	59	76	80	------
23 --	58.04	58.55	59.11	56.70	57.90	59.10	24.9	24.9	28.5	30.3	27.3	25.4	30.7	24.3	84	83	71	66	78	80	------
24 --	57.93	58.45	59.17	56.91	57.61	58.65	25.2	24.6	29	29.4	26.5	25.1	30.5	24.5	81	92	71	62	78	83	1.5
25 --	57.54	58.23	59.22	56.98	57.87	58.41	25	24	28.9	30.5	26	25.4	30.6	23.8	76	81	64	62	76	80	------
26 --	57.83	58.02	58.68	56.43	57.31	58.30	25	25	29	29.6	26.9	25.8	30	24.4	78	72	63	63	77	78	------
27 --	58.02	57.86	58.96	56.94	58.15	59.24	25.4	24.7	28	28.5	26.3	23.6	28.9	23.2	80	82	74	73	78	84	------
28 --	58.62	58.76	60.09	57.55	58.28	59.10	23.5	23.6	27.9	28.3	23.5	24	28.4	22.7	81	82	71	75	87	86	7.1
29 --	58.13	59	59.86	58.23	58.45	59.16	23	22.5	28.6	29	26	25.3	29.1	22.2	85	87	67	64	81	77	39.1
30 --	59.02	59.16	59.95	57.72	58.38	59.21	24.1	23.4	28.6	30	27.5	25.4	30	23	83	88	71	66	73	82	.5
Mean	57.49	57.83	58.46	56.20	57.11	58.27	24.6	24.2	28.4	29.1	26.5	25.2	30	23.5	83	83.2	71.7	68.5	78.9	81.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	289.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1 --	E	Calm	E	E	Calm	E	30.1	36.5	83.5	35.9	186	7	A.-Cu. E	Cu. E	7	Ci.-S.	Cu. E
2 --	Calm	Calm	E	E	E	Calm	22.8	50.2	124.2	18.2	215.4	5	Ci.	Cu.	3	Ci.	Cu.
3 --	Calm	Calm	SE	S	Calm	Calm	15	41.3	36.2	21.5	114	3	Ci.	Cu.	7	A.-Cu.	Cu.-N.
4 --	Calm	Calm	NE	NW	Calm	Calm	22.3	31.2	26.2	15.9	95.6	7	Ci.-S. SE	Cu.	9	Ci.-S.	Cu.-N. N
5 --	Calm	Calm	Calm	NE	Calm	NW	12.9	17.9	39.9	45.7	116.4	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N. NE
6 --	Calm	SW	SW	SW	SSW	SSW	36.4	47.3	179.7	185.2	448.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	N. WSW
7 --	SSW	SSW	S	SSW	Calm	Calm	142.9	71.9	56	24.9	295.7	8	Ci.-S.	Cu. SW	9	Ci.-S.	Cu.-N. S
8 --	Calm	Calm	S	WSW	Calm	Calm	21.1	32.4	53.4	24.1	131	6	Ci.	Cu.	6	Ci.	Cu. S
9 --	Calm	WSW	SW	SSE	Calm	Calm	18.8	48.6	41.6	17.2	126.2	8	Ci.	Cu.-N. SE	8	Ci.-S. E	Cu. S
10 --	Calm	Calm	S	SE	Calm	NE	17.9	31.7	50.5	35.7	135.8	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu. S
11 --	Calm	Calm	Calm	SE	Calm	S	18.8	23.6	20.1	24.7	87.2	10	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. E
12 --	Calm	Calm	E	E	E	Calm	15.8	46.2	85.3	34.8	182.1	7	Ci.	Cu.	5	Ci.	Cu. E
13 --	Calm	Calm	E	E	Calm	Calm	22.5	52.3	38.9	15.8	129.5	6	Ci.	Cu.	9	Ci.-S.	Cu. NNE
14 --	Calm	Calm	Calm	W	W	SW	17.4	25.2	65	54.1	161.7	10	Ci.-S.	Cu.-N. NNW	10	Ci.-S.	Cu.-N. NW
15 --	SW	WSW	SW	SW	NW	SW	48.5	101.2	101.1	35.1	285.9	6	------	Cu. WSW	6	A.-Cu. S	Cu. SW
16 --	SW	SW	SSW	SW	W	Calm	59.8	80	66.3	21.2	227.3	9	Ci.-S.	Cu.-N. SW	6	A.-Cu. W	Cu. SW
17 --	Calm	Calm	S	WSW	Calm	Calm	15.3	36.4	41.5	22.3	115.5	8	A.-Cu. W	Cu. S	5	Ci.-S.	Cu.-N. WSW
18 --	Calm	Calm	S	SSW	SW	Calm	35.6	58.7	71.4	25.4	191.1	3	A.-Cu. S	Cu.	5	A.-Cu.	Cu.-N. SW
19 --	Calm	Calm	S	SW	Calm	Calm	15.5	58.9	66.6	23.8	164.8	7	Ci.-S.	Cu. SSW	5	Ci.-S.	Cu. SW
20 --	Calm	Calm	SSW	SW	Calm	Calm	17.4	47.7	70	18.2	153.3	6	A.-Cu. E	Cu. E	4	Ci.-S.	Cu. SSW
21 --	Calm	Calm	S	S	Calm	S	22.8	32.7	43.3	27.4	126.2	3	Ci. NW	Cu.	6	Ci.-S.	Cu.-N. ENE
22 --	S	Calm	E	E	Calm	NE	23.6	34.3	70.6	30.1	158.6	2	Ci.	Cu.	3	Ci.	Cu.
23 --	NE	Calm	E	E	Calm	NE	30.4	45.9	80	30.8	187.1	3	Ci.	Cu. NE	4	Ci.	Cu.
24 --	NE	NE	E	ENE	Calm	N	36.2	66.2	97.6	38.6	238.6	3	Ci.	Cu. NE	6	A.-Cu. E	Cu. NE
25 --	NNE	Calm	E	E	NE	NE	39.1	75.6	103.5	37.3	255.5	3	Ci.	Cu. NE	4	Ci.	Cu. ENE
26 --	N	N	E	ENE	E	NE	34.1	99.5	113.3	46.4	293.3	3	Ci.	Cu. ENE	5	Ci.	Cu. ENE
27 --	Calm	Calm	ENE	E	Calm	Calm	33	67.3	62	17.7	180	5	A.-Cu. E	Cu. NE	7	Ci.-S.	Cu.-N. NE
28 --	Calm	Calm	E	Calm	NNW	Calm	27.7	37	63.4	25.7	153.8	6	Ci.-S. EbyS	Cu. NE	9	Ci.-S.	Cu.-N. NE
29 --	Calm	Calm	NE	ENE	Calm	NE	23.5	52.1	67.6	23.5	166.7	7	Ci.-S.	N.-cf. ENE	7	Ci.-S.	Cu. ENE
30 --	SE	Calm	E	E	NE	NNE	28	66.5	75.6	47.8	217.9	4	Ci.	Cu. NE	3	Ci.	Cu. ENE
Mean	------	------	------	------	------	------	30.2	50.5	69.8	34.2	184.7	6.1	------	------	6.5	------	------
Total	------	------	------	------	------	------	------	------	------	------	5,540.8	------	------	------	------	------	------

CEBU.

[φ=10° 18′ N ; λ=123° 54′ E ; barometer above sea, 4.5 meters ; gravity correction not applied, —1.84 mm.]

DECEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.16	58.56	58.98	57.17	57.96	59.02	25.3	24.5	29.8	30.4	28.2	24.7	30.5	24.1	80	79	66	63	74	83	0.8
2	57.83	58.12	58.72	56.04	56.54	57.73	25.2	24.8	30	30.7	27.4	25.9	31	24	79	77	62	63	74	77	------
3	56.25	57.09	57.54	54.63	56.10	56.77	25.3	23.4	29.5	30.6	26.3	25.7	30.7	22.6	77	80	64	65	82	81	.8
4	55.40	55.49	55.84	53.43	54.86	55.84	24.4	23	29.2	31	27	26.1	31.2	22.5	75	84	63	62	76	76	2.3
5	54.61	55.75	56.63	54.88	55.83	57.01	26.3	24.3	28	29.8	26.3	24.9	30	23.9	73	80	68	56	68	69	------
6	56.24	56.90	57.61	54.84	56.02	56.83	25.2	24	28	28	26	25.7	29.5	23.6	67	75	60	63	73	75	3
7	55.94	56.39	56.99	56.35	55.78	57.25	25.4	25.5	24	23.5	22.5	24.2	25.7	21.7	76	77	91	91	91	78	114.8
8	55.64	56.34	57.06	55.25	56.43	57.84	24	22.1	28	28.6	26.5	24.4	29	21.9	75	84	63	63	74	80	1
9	57.02	57.14	58.19	55.84	56.76	57.84	24	22.6	28	29.4	26.8	24.6	29.8	22.5	83	85	70	65	76	81	.5
10	56.97	57.29	58.16	56.12	56.71	58.03	23.5	24	29.5	29.7	26.6	25.7	31.1	23	84	85	67	60	78	76	.3
11	56.93	57.55	58.69	55.81	57.81	59.07	24.5	24.1	27	29	26.5	24.5	30	23.8	82	83	76	61	77	80	30.4
12	58.75	57.80	58.74	56.29	57.30	58.99	23.8	22.2	27.5	29	26.1	25.5	29.9	22	85	85	69	63	76	77	4.3
13	58.24	58.65	59.45	57.22	58.07	59.10	23.6	23.1	28.4	26.4	24	23.1	28.9	22.8	84	82	68	77	83	82	17.5
14	58.73	58.43	59.06	57.49	58.19	59.61	23.3	23	28.9	29.5	27.4	26.1	29.6	22.6	80	80	65	61	64	73	------
15	59.36	58.88	60	57.75	59.38	60.65	25	23.5	29	30.9	27.3	24.4	31	23.1	78	81	65	56	73	76	------
16	59.86	59.98	60.17	57.55	58.20	59.36	23.4	23.2	28	30	27.4	25.7	30.1	22.9	80	78	70	57	74	74	------
17	58.72	58.76	59.11	57.03	58.04	58.74	25.1	24.2	29	29.4	27.1	24.1	30.5	23.6	76	76	64	62	69	82	2.8
18	57.89	58.03	59.02	56.14	56.63	57.52	24	23.5	23.4	24.9	25	24	25.9	22.9	----	----	----	----	----	----	9.7
19	55.88	56.65	56.66	54	56.79	56.81	23.9	23.7	24	24.2	21.6	23	25.5	21.3	82	81	73	74	92	95	42.2
20	55.61	55.91	56.83	54.58	55.35	56.48	22.1	22.9	24.7	24.3	24	23.5	26	22	90	88	83	81	82	84	38.4
21	55.32	55.60	56.73	54.79	55.91	56.88	22.9	23.6	26.5	25	25	24.5	29.2	22.4	86	84	78	83	86	87	39.1
22	55.70	56.43	57.57	55.65	56.36	58.41	24.1	24.4	27.9	28.5	26	25.5	29	23.9	86	84	71	69	76	80	7.4
23	58.08	58.20	59.15	57.07	58.24	59.66	24.8	24.3	28.4	28.4	27.5	25.3	29.4	23.9	81	81	68	72	77	85	9.9
24	58.27	59.12	59.98	57.89	59.14	59.96	24.5	23.3	28.8	29.1	26	24.3	29.8	23	83	84	67	62	69	79	------
25	59.26	59.88	60.69	58.39	59.14	60.64	23.5	23.3	29.5	29.5	26.5	25.7	30	22.8	80	81	64	65	73	73	------
26	59.96	60.23	60.69	58.98	60.49	61.46	25	24.1	28.5	29.5	24.4	24.2	30	23.3	75	77	65	61	80	74	14.5
27	60.70	60.88	62.21	60.39	61.02	62.23	24	24.5	27.5	28	25.4	25.2	28	23.7	74	71	66	65	72	74	------
28	60.90	61.12	62.05	60.53	60.79	61.86	24.6	24.3	28.3	26	26.3	25.2	29.3	24	73	77	67	74	73	77	.3
29	60.76	60.88	61.73	59.38	59.79	60.77	25.1	22.9	28.7	29.5	28.1	25.2	30	22.4	73	79	67	64	70	81	------
30	59.72	59.75	60.16	57.85	58.86	59.74	25.1	24.6	28.5	29.1	25	25	29.5	22.9	79	80	67	64	83	80	11.7
31	58.58	58.56	58.98	57.14	57.55	58.45	24.9	24	28	28	26.6	25	29	23	79	83	68	70	73	75	------
Mean	57.78	58.08	58.82	56.66	57.61	58.73	24.4	23.7	27.9	28.4	26	24.9	29.3	23	79.2	80.7	68.2	66.4	76.3	78.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	351.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	NE	NE	E	ENE	Calm	34	72.9	91.7	27.4	226	6	------	Cu.-N. ENE	3	Ci.	Cu. ENE
2	NE	NE	NE	E	Calm	Calm	35.7	72.1	104.1	27.4	239.3	3	Ci.	Cu. E	3	Ci.	Cu. ENE
3	Calm	Calm	E	E	Calm	NE	31.6	72.6	96.9	26.8	227.9	4	Ci.	Cu. NE	4	Ci.-S.	Cu. NE
4	NE	Calm	NNE	NE	NE	NE	26.6	45.9	77.2	67.3	217	6	Ci.-S.	Cu. NE	8	Ci.-S.	Cu. NE
5	NE	NE	NE	NNE	N	N	46.5	73.7	76.9	49.1	246.2	7	Ci.-S. SSE	Cu. NE	8	Ci.-S.	Cu. NE
6	NE	Calm	N	N	NNE	N	34.6	54.5	68.9	38.3	196.3	6	Ci.-S.	Cu. NE	9	Ci.-S.	Cu. NE
7	NE	Calm	SW	SW	N	NE	35.2	35.1	61.7	72.1	204.1	10	------	N. ENE	10	------	N. NNW
8	Calm	Calm	SE	Calm	Calm	Calm	35.4	30.4	45.7	18.2	129.7	8	Ci.-S. E	S.-Cu.	5	Ci.-S.	Cu. NE
9	Calm	Calm	SE	Calm	Calm	Calm	14.5	33	36.4	20.6	104.5	7	Ci.-S.	Cu.-N. E	4	Ci.	Cu. E
10	E	Calm	E	S	Calm	Calm	29.5	24.1	38.4	24.1	116.1	7	Ci.-S.	Cu.-N. E	4	Ci.	Cu. ESE
11	Calm	Calm	SW	S	Calm	Calm	19.1	33.5	42.1	25.1	119.8	6	Ci.-S.	S.-Cu. SSE	6	Ci.-S. E	Cu.
12	Calm	Calm	Calm	SSW	Calm	SE	35.1	29.6	38.9	36.4	140	7	Ci.-S.	Cu.	7	A.-Cu.	Cu. SSW
13	Calm	Calm	E	N	Calm	Calm	22.2	52.1	41.6	21.1	137	7	A.-Cu.	S.-Cu.	8	Ci.-S.	Cu.-N. ENE
14	N	Calm	E	E	NE	NE	23	59.5	77.2	28.5	188.2	3	Ci.	Cu. E	3	Ci.	Cu. E
15	Calm	Calm	S	Calm	Calm	Calm	25.7	26.8	39.6	20.4	112.5	2	Ci.	Cu. ENE	3	Ci. NE	Cu. NE
16	Calm	Calm	E	E	Calm	Calm	25.9	57.3	103.3	30.4	216.9	3	Ci.	Cu.	5	Ci.	Cu. NNE
17	Calm	Calm	NE	ENE	Calm	Calm	22.8	47.5	53.3	43	166.6	7	Ci.-S. E	Cu.	9	Ci.-S.	Cu. NNE
18	NE	Calm	Calm	Calm	N	NE	32	22.2	31.7	72.7	158.6	10	------	N. NE	9	------	Cu.-N. N
19	NNE	N	NNW	N	S	SW	78.4	127.1	123.9	61	390.4	10	------	N.-cf. N	10	------	Cu.-N. N
20	S	Calm	SW	SW	W	SW	55.7	42.3	67.9	39.4	205.3	7	A.-Cu.	N.-cf. NE	9	------	N. W
21	WSW	SW	SW	N	Calm	Calm	36.2	57.6	35.6	20.1	149.5	9	------	Cu.-N. SW	10	------	N. NW
22	Calm	SW	S	SW	W	Calm	16.6	57.1	72.7	17.4	163.8	9	------	Cu.-N. W	5	A.-Cu.	Cu. SW
23	SW	Calm	S	SSW	WSW	Calm	33	63.3	75.4	11.8	183.5	5	A.-Cu.	Cu.	6	Ci.	Cu.-N. W
24	Calm	Calm	SE	NE	NE	Calm	16.3	36.4	60.4	20.3	133.4	4	Ci.	Cu.	7	Ci.-S.	Cu.-N. NW
25	Calm	Calm	NE	SE	Calm	N	21.1	40.7	63.8	38.6	164.2	6	Ci.	Cu. NNW	5	A.-Cu.	Cu. N
26	N	Calm	E	E	N	NE	33	82.1	98.7	67.1	280.9	3	Ci.	Cu.	5	A.-Cu.	Cu. ENE
27	NE	NE	NE	NE	NE	NE	50.4	58.9	75.4	56.9	241.6	5	Ci.-S.	N.-cf. NE	8	Ci.-S.	Cu.-N. ENE
28	NE	NE	E	ENE	NE	NE	42.1	90.3	108	45.6	286	3	Ci.	Cu. NE	9	------	Cu.-N. ENE
29	NE	Calm	E	E	NE	N	28.7	70.8	87.9	46.9	234.3	3	Ci.	Cu. ENE	3	Ci.	Cu.
30	NNE	N	E	E	E	N	42.8	67.9	85.3	35.9	231.9	4	Ci.	S.-Cu. ENE	4	Ci.	Cu. ENE
31	N	Calm	ENE	E	Calm	NE	42.1	54.5	66.5	34	197.1	7	------	S.-Cu. E	9	------	Cu.-N. ENE
Mean	------	------	------	------	------	------	33.1	54.6	69.3	36.9	193.8	5.9	------	------	6.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	6,008.6	------	------	------	------	------	------

ILOILO.

[φ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6 meters; gravity correction not applied, —1.84 mm.]

JANUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.87	58.19	58.86	56.35	57.60	59.22	23.7	23.5	28.4	28.6	25.2	23.4	29.9	23	94	96	72	70	90	93	4.8
2	57.65	58.61	59.68	56.30	56.86	58.06	23.5	23.1	26.7	28.5	25.6	24	30	22.9	96	90	79	77	92	92	.5
3	57.19	57.81	58.97	56.90	57.59	58.77	23.5	23.5	27.1	29	26.6	24.5	29.7	23	94	92	78	67	80	87	------
4	57.59	58.09	58.53	56.49	57.53	58.89	23.2	23.3	28.5	29.1	24.5	24.1	30.5	23	96	93	70	67	91	94	------
5	57.48	57.75	58.19	56.17	56.98	58.16	24.4	23.5	27.9	30	27	24	30.5	23.4	92	96	77	59	72	91	------
6	57.16	57.87	58.95	57.21	57.44	58.14	23.6	22.9	26.6	28.5	26	24.5	29	22.5	88	91	80	74	81	91	1
7	57.40	57.78	58.67	56.88	57.83	58.73	24.5	23.9	28.5	30.4	27.5	25.1	30.8	23.5	92	89	74	60	76	91	------
8	57.95	58.81	59.85	57.43	58.66	59.97	24.6	24	28.5	30.4	27.1	24	31	23.7	91	92	70	56	75	88	------
9	59.25	59.49	60.22	58.36	59.27	60.62	23.5	23.1	29	30.7	27	24.6	31	22.8	90	92	68	47	67	91	10.2
10	59.94	60.22	61.15	58.62	58.46	59.74	23.6	22.6	28.4	30	27	24.6	30.1	22.5	90	95	71	56	73	90	------
11	59.10	59.31	60	58.41	59.32	59.97	23.8	22.9	28.8	30.7	26.6	24.1	31.2	22.8	90	92	66	55	80	91	------
12	58.56	59.21	60.17	57.45	57.98	59.04	23.1	22.5	29.1	30	26.6	23	30.5	22.4	89	94	67	50	65	84	------
13	58.21	58.61	59.37	56.86	57.59	58.99	21.5	20.4	28.9	29.6	26.5	23.1	30.9	20	92	87	62	58	69	83	------
14	58.50	59.37	60.32	58.39	59.41	60.52	22.6	21.6	28.5	28.9	26.6	23	30.6	21.4	89	91	65	62	72	83	------
15	60.08	60.43	61.42	59.17	60.11	61.47	22.4	22	28.6	29.7	26.2	24.1	30	22	87	91	64	60	71	82	------
16	60.54	60.62	61.26	59.59	60.06	60.77	23	22.1	27.5	27.5	24.6	22.2	28.5	21.8	83	86	63	63	74	81	------
17	59.78	59.65	60.47	58.34	58.73	59.70	21.5	21	27.5	29	25.8	22.2	29.5	20.6	78	73	60	52	67	85	------
18	58.56	58.82	60.20	57.84	58.78	60.63	22.5	22.5	29.9	30.6	27.6	24.6	31.4	21.7	86	88	65	62	78	88	------
19	59.49	59.76	61.37	59.10	59.75	61.48	23.3	22.5	29.5	30	28	25.2	31	22.2	90	92	70	64	70	86	------
20	60.33	60.52	61.55	59.23	59.44	61.15	24.4	23.8	29.5	29.9	28	25.3	31.5	23.7	89	93	68	63	71	89	------
21	59.89	59.81	61.80	59.38	58.92	60.04	24.8	24.6	25.2	25.6	25.6	24.1	27.5	23.6	85	95	90	86	85	87	1.9
22	59.54	59.87	60.90	58.50	58.68	60.08	23.5	23.5	29.4	31	27	24.5	31	23	92	94	66	49	70	87	------
23	59.25	59.54	60.67	58.97	59.37	60.37	24	23.4	28	29.4	27.5	25	30.5	23.1	87	90	68	62	56	76	------
24	59.48	59.21	59.95	57.67	58.30	59.79	24.4	23.5	27.6	30.1	26.3	24.4	30.9	23.4	88	91	69	64	82	90	------
25	59.01	58.97	60.05	58.01	58.11	59.88	23.6	23.5	29.5	30.5	27.7	24.5	30.9	23.4	86	91	68	59	68	87	------
26	59.24	59.52	60.41	58.28	58.32	59.87	23.6	28	28.9	30	27.5	24.1	31.5	23	88	92	67	59	60	82	------
27	59.16	58.96	60.01	57.93	58.47	59.73	23.7	23.5	29	30.1	27.4	24.6	30.6	23.1	90	87	68	54	69	85	------
28	58.43	58.75	59.41	56.65	57.08	58.12	23.6	23.5	29.1	30.4	27.6	25	31.2	23	91	92	68	63	79	86	------
29	57.41	57.51	58.73	56.59	56.94	58.74	23.8	23.4	29.5	29.5	27	24	30.1	23.1	91	89	64	65	78	87	------
30	57.57	58.19	59.14	57.35	57.48	58.88	23.3	23.1	28.9	28.6	25.8	24.1	29.9	22.6	92	90	64	63	74	86	------
31	58.01	58.26	59.57	57.64	58.24	59.34	23.7	23	28.1	28.8	25.8	23.8	29.5	22.5	85	86	67	57	69	81	------
Mean	58.70	59.02	59.99	57.81	58.36	59.64	23.5	23	28.4	29.5	26.6	24.1	30.4	22.7	89.4	90.6	69.3	61.4	74.3	86.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	18.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNE	NNE	NE	NE	NE	NNE	89	109.2	128.9	89.8	416.9	6	A.-Cu.	S.-Cu.	7	A.-Cu.	Cu.
2	N	N	NNE	ENE	NE	N	80.7	74	78.9	87.2	320.8	10	------	N.	9	Ci.-S.	Cu.
3	N	NNE	NE	E	NE	NE	52.6	78.7	81.1	38.8	251.2	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
4	NNE	NNE	NE	ENE	NNE	NNE	64.2	83.7	107	66.8	321.7	6	Ci.-S.	S.-Cu.	9	A.-Cu.	N.-cf.
5	N	N	NE	E	NE	NE	55.2	75.8	93.1	61.7	285.8	9	Ci.-S.	S.	9	Ci.-S.	Cu.
6	N	N	NE	N	N	N	66.5	89	85	69	309.5	2	Ci.	Cu.	9	A.-Cu.	N. N
7	N	NNE	NE	NE	NE	NNE	68.2	90.1	96	65	319.3	8	A.-Cu.	S.-Cu.	6	A.-Cu.	Cu.
8	N	N	NE	NE	NE	NE	56.1	82.4	98.5	53.6	290.6	6	Ci.-S.	Cu.	6	Ci.-S.	Cu.
9	NNE	NE	NE	NE	NE	NE	77.7	96.9	104.6	65.8	345	4	Ci.	Cu.	8	Ci.-S.	Cu.
10	N	NNE	NE	NE	NE	NNE	57.1	103.2	113.8	86.9	361	9	A.-Cu.	S.-Cu. NE	7	Ci.-S.	Cu.
11	N	N	NE	NE	NE	NE	77.5	98.8	115.3	52.8	344.4	2	Ci.	S.-Cu.	2	Ci.	Cu.
12	N	NNE	ENE	E	NE	NE	54.1	77.7	89.9	41.8	263.5	1	Ci.	Cu.	2	Ci.	Cu.
13	NE	Calm	NE	E	NE	NE	33	57.3	97.7	46.5	234.5	1	Ci.	Cu.	2	------	Cu.
14	NE	N	N	E	NE	N	49.9	87.2	------	66.8	------	3	Ci.	Cu.	9	Ci.-S.	S.-cf. N
15	N	N	NE	NE	NE	NNE	55.8	105.1	122.9	84	367.8	5	Ci.-S.	Cu.	4	Ci.	Cu.
16	N	N	NE	ENE	NE	NNE	87.5	118.8	123.4	75.8	405.5	4	Ci.-S.	Cu.	8	Ci.-S.	Cu. NE
17	N	N	NE	ENE	NE	NE	83.2	115.4	101.1	68.6	368.3	2	Ci.	Cu.	6	Ci.	S.-cf. NE
18	NE	NE	NE	E	ENE	NE	68.1	84.5	84.3	55.3	292.2	1	Ci.	Cu.	2	------	Cu.
19	NE	NE	NE	ENE	NE	N	34	67.4	84.3	64.2	249.9	1	Ci.	Cu.	2	Ci.	Cu.
20	N	N	NE	NE	NE	N	63.9	96.6	88	76.4	324.9	7	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
21	N	N	NE	NE	NE	NE	51	81.3	69.4	72.1	273.8	9	Ci.-S.	Fr.-N. NE	10	A.-S.	Fr.-N.
22	NNE	N	NE	NE	NE	NE	75.1	105.6	112	85.1	377.8	9	Ci.-S.	S.-Cu. NE	2	Ci.	Cu.
23	NNE	NNE	NE	ENE	NE	N	98.5	124.7	119.7	78.9	421.8	7	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.
24	NNE	N	NE	NE	N	N	89.5	114	95.3	54.4	353.2	5	Ci.	S.-Cu. ENE	7	Ci.-S.	S.-cf. NE
25	N	N	NE	E	NE	N	55.8	76.1	108	58.7	298.6	6	Ci.	S.-Cu. NE	3	Ci.	Cu.
26	N	N	NE	E	NE	N	66	71	91.9	51	279.9	8	Ci.-S.	Cu.	6	Ci.-S.	Cu.
27	NE	N	NE	ENE	ENE	NE	50.1	80.7	106.4	57.9	295.1	8	A.-Cu.	S-Cu. NE	2	Ci.	Cu.
28	N	N	NE	E	E	NE	38.8	59.7	72.4	37.2	208.1	7	A.-Cu.	S.-Cu.	8	A.-Cu.	Cu.
29	NNE	NNE	ENE	E	E	NE	45.3	71.6	107	73.4	297.3	2	Ci.	S.-Cu.	7	Ci	Fr.-N. N
30	N	NE	NE	ENE	NE	NE	70.3	113.5	127.6	89.1	400.5	9	Ci.-S.	S.-Cu. NNE	9	Ci.-S.	Cu.
31	NE	NE	NE	NE	NE	NE	90.6	113	128.4	94.8	426.8	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	64.7	90.4	101.1	66.8	323.5	5.6	------	------	6.4	------	------

ILOILO.

[φ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6 meters; gravity correction not applied, −1.84 mm.]

FEBRUARY, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.09	58.66	60.10	57.49	58.16	59.47	22.6	21.4	27.5	29.2	26.1	23	29.6	21	82	84	60	54	65	87	------
2	58.57	58.84	60.31	58.07	58.63	59.50	22.5	22.8	28.5	28.6	26.5	24	29.6	22	92	89	64	64	70	87	------
3	57.56	58.06	59.27	57.20	58.22	59.08	23.5	23.4	29.5	31.5	28	25.1	32.4	23	88	90	64	56	73	91	1.3
4	58.14	58.86	60.11	58.71	59.41	60.33	24.4	23.9	27.9	29.5	27.4	24.5	30.4	23.6	91	95	75	68	68	89	1.5
5	59.96	60.83	62.13	60.11	60.66	61.74	23.5	22.6	28.1	29.1	26.8	23.1	30.4	22.5	90	90	51	52	61	85	.8
6	60.69	60.65	61.57	59.55	60.60	61.13	23.7	23.1	28.6	30.5	26.8	23.8	30.9	22.7	82	90	60	50	68	80	1.5
7	60.93	61.15	61.90	60.19	61.17	62.18	23.4	23	27.6	29.1	26.6	23.5	29.5	22.8	91	91	63	58	62	77	------
8	61.50	61.92	62.05	60.69	61.37	62.17	22.7	22.6	27.5	27.4	25.6	23.1	29.6	22	81	85	60	70	76	89	.8
9	61.31	61.82	62.45	60.01	61.12	62.18	23.4	22.6	28.1	29.4	26.4	23.6	29.7	22	87	91	70	56	70	86	------
10	61.47	62.02	62.47	60.02	60.87	61.87	22.4	22	27	28.1	26.5	23	29.2	21.8	88	91	72	63	73	87	------
11	60.88	61.47	61.91	59.87	60.57	61.54	23	22.6	27.5	28.1	26.4	24	29.1	22.1	83	82	64	63	67	79	------
12	60.62	61.05	61.87	59.94	60.50	61.78	23.4	22.6	28.1	27.5	25	23.6	29.6	22.5	84	90	63	66	80	86	------
13	60.64	60.69	61.03	58.87	59.51	60.99	23.2	22.8	27.5	29.6	25	23.5	30.4	22.5	90	93	70	58	85	91	1.8
14	59.39	59.95	61	57.90	59.07	60.16	23.4	23.1	28.5	30.6	25.5	24	31.1	22.9	92	92	70	62	86	86	2.8
15	59.02	59.31	60.36	58.15	59.40	60.49	23.4	23	29.5	29.6	23.6	23.6	30.8	22.6	89	88	64	64	90	93	4.8
16	58.99	59.36	60.06	58.65	59.23	60.52	23.4	23	28.2	28.6	26.4	24.4	29.5	23	91	93	70	68	78	92	1.6
17	59	59.15	59.78	57.83	58.39	60.11	24	23.5	28	29.5	26.4	24.7	30	23.5	93	96	79	68	82	83	.8
18	59.14	58.96	59.99	58.23	57.92	59.42	24.2	23.6	28.5	29.4	27.5	25.4	31	23.3	86	92	70	65	72	84	------
19	58.69	58.89	59.97	57.79	58.93	60.17	24	23.9	30.4	31.5	26.5	24	32	23.5	90	91	66	57	80	87	5.1
20	59.64	59.53	60.40	57.88	58.30	59.53	24.3	23.6	28.9	31.5	28.5	26.5	33	23.6	94	96	72	60	74	83	------
21	58.55	58.96	59.57	57.57	57.65	59.51	25	24.3	30	30.5	28.5	25.8	32.6	24	88	93	64	56	60	82	------
22	58.87	59.19	59.87	57.70	58.39	59.70	25	24.2	29.5	31	28.9	26.4	31.5	24.1	90	94	66	59	65	76	------
23	58.78	59.20	60.01	57.94	58.46	59.77	24.7	24.1	30.5	30.5	28.6	25.6	32	24	89	91	65	60	70	88	.3
24	58.74	58.75	59.72	57.87	58.18	59.50	24.6	23.5	29.7	30.8	27.9	25.1	31.5	23.1	90	92	70	54	71	79	------
25	58.56	59.11	60.47	58.36	58.71	60.39	23.5	22.5	29.6	30.6	28.3	24.7	31	22.5	87	91	58	53	61	73	------
26	59.32	59.45	60.74	58.64	58.84	60.56	23.2	23.9	29.5	31	28.5	24.8	31.9	23	88	87	61	52	58	77	------
27	59.37	59.70	60.69	58.29	58.24	59.59	23.6	23.5	29.1	31.6	28.4	25	32.1	23.1	87	91	64	45	62	80	------
28	58.50	58.96	60	57.93	57.81	59.18	23.9	23.2	30	31.5	28.2	24.9	32.1	23	87	86	59	42	63	84	------
Mean	59.46	59.80	60.71	58.62	59.23	60.45	23.6	23.2	28.7	29.8	27	24.4	30.8	22.8	88.2	90.5	65.6	58.7	71.1	84.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	23.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	NNE	N	NE	ENE	ENE	N	92.2	119.4	136.5	79.7	427.8	5	Ci.	Cu.	3	Ci.	Cu.
2	NE	NNE	NE	E	NE	N	76.4	113	102.7	72.7	364.8	6	Ci.	Cu.	9	Ci.-S.	Cu.
3	N	N	NE	NE	NE	NNE	77.7	108.6	110.8	78.7	375.8	9	A.-S.	S.-Cu.	7	A.-Cu ESE	S.-Cu.
4	NNE	N	ENE	ENE	ENE	NNE	66.5	91.5	112.7?	63.1?	333.8?	10	A.-S.	Fr.-N. NE	9	Ci.-S.	Cu.
5	NE	NNE	NE	NE	NE	NNE	78.3	113	123.6	63.6	378.5	7	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Cu.
6	NE	NNE	ENE	ENE	NE	N	68.7	127.9	126	53.1	375.7	9	A.-S.	Fr.-N. ENE	4	Ci.-Cu.	Cu.
7	N	NNE	NE	ENE	NE	NNE	75.6	139.8	155.5	81.6	452.5	7	A.-Cu.	S.-Cu.	9	A.-Cu. SE	Cu.
8	N	NE	NE	NE	NNE	N	93.9	133	148.6	65.8	441.3	9	Ci.-S.	S.-Cu.	10	A.-Cu.	N.
9	N	NNE	NE	E	E	N	49.6	98.7	135	60.2	343.5	8	A.-Cu.	Cu.	9	Ci.-S.	S.-cf.
10	N	N	NE	ENE	NE	N	58.4	98.4	126.3	64.9	348	8	Ci.-S.	S.-cf.	9	Ci.-S.	Cu.
11	N	NNE	NE	NE	NE	NE	80.2	109.2	100.8	58.7	348.9	9	A.-Cu.	S.-Cu.	10	A.-Cu.	Fr.-N. NE
12	NE	NE	NE	NE	NE	NE	63	114.3	143.4	90.6	411.3	9	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-cf. NE
13	NE	ENE	ENE	ENE	NNE	NNE	73.2	105.6	134.9	83.5	397.2	9	A.-Cu.	S.-Cu.	6	A.-Cu.	Cu.-N.
14	NE	N	NE	NE	NE	NNE	79.5	83.2	104.1	84.8	351.6	8	Ci.-S.	Fr.-N. E	4	A.-Cu.	N.-cf.
15	N	N	NE	ENE	ENE	NE	84.3	93.3	121	49.9	348.5	2	Ci.	S.-Cu.	9	A.-Cu.	Fr.-N.
16	NNE	N	NE	NE	NE	N	75.6	102.2	108.1	71.3	357.2	5	Ci.-S.	N.	10	A.-S.	Cu.
17	N	N	NE	NE	NE	N	58.9	81.1	112.3	81	333.3	8	A.-Cu.	N.	9	A.-Cu.	S.-cf. NE
18	N	N	NE	ENE	NE	N	64.9	84.7	95.8	77.7	323.1	3	A.-Cu.	Cu.	8	A.-Cu.	Cu.
19	N	N	ENE	E	S	NW	58.1	76.6	74.6	26	235.3	8	Ci.-S.	S.-Cu.	3	Ci.	Cu.-N.
20	N	N	ENE	E	E	NNE	47.5	57.9	70.6	44.6	220.6	5	Ci.	S.-Cu. ENE	9	A.-Cu. E	Cu.
21	N	N	ENE	ENE	NE	NNE	70.5	96.6	102.7	63	332.8	5	Ci.	S.-Cu.	7	A.-Cu.	Cu.
22	NE	N	ENE	ENE	ENE	NE	53.9	96	102	52.8	304.7	7	Ci.	Fr.-N. ENE	2	Ci.	Cu.
23	N	N	ENE	E	ENE	NE	62.2	84	97.4	72.6	316.2	6	Ci.	Cu.	9	A.-Cu. E	Cu.
24	N	N	ENE	E	ENE	NE	70.6	78.1	92.7	46.7	288.1	6	Ci.	S.-Cu.	4	Ci.-S.	Cu.
25	N	N	NE	ENE	E	N	58.5	82.1	107	68.4	316	5	Ci.-S.	Cu.	7	Ci.-S.	Cu.
26	N	NNE	ENE	ENE	ENE	N	79.1	109.2	106.2	60	354.5	2	Ci.	S.-Cu. ENE	8	Ci.-S.	Cu,
27	N	N	ENE	ENE	NE	NNE	70.6	108.3	125.5	78.7	383.1	5	Ci.	Cu.	3	Ci.	Cu.
28	NE	N	ENE	ENE	ENE	NNE	63.6	91.9	111.3	81.6	348.4	5	Ci.-S.	S.-Cu. ENE	5	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	69.7	99.9	113.9	67	350.4	6.6	------	------	7.2	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,812.5	------	------	------	------	------	------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6 meters; gravity correction not applied, —1.84 mm.]

MARCH, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.16	58.74	59.62	57.59	57.32	59.17	24.1	23	29.5	30.5	28.2	25.4	31	23	91	91	58	55	63	77	3.6
2	58.36	58.85	60.45	58.26	58.38	59.91	24	23.1	29	30.5	27.5	25	31.4	23	91	95	70	56	72	82	------
3	58.40	58.86	60.20	58.10	58.11	59.55	24	23.5	29.4	31.2	27.9	25	31.8	23.4	90	90	56	47	61	83	------
4	53.31	59.06	60.37	57.69	58.05	60.27	24	23.3	29.6	30.9	28.5	24.9	31.5	23	88	91	60	53	57	72	------
5	59.24	59.86	60.81	58.72	58.82	59.90	24	23.6	29.5	30.1	28.2	25.5	31.6	23.4	83	90	62	54	60	80	------
6	58.85	59.93	61.37	58.80	58.65	59.84	24.4	23.9	30	32.1	28.5	25.1	32.4	23.7	83	88	61	49	60	75	------
7	58.65	59.45	60.64	58.14	58.12	59.54	23.8	23.8	30	32.4	28.6	24.6	32.5	23.5	86	89	58	44	60	78	.2
8	58.60	58.65	59.71	57.38	57.17	58.79	23.6	23.6	27.9	31.4	27.5	26.1	31.7	22.4	90	90	74	48	68	76	.5
9	57.81	58.62	59.91	57.45	57.06	58.97	24.5	23	29.4	31.2	28.4	24.4	32.1	22.9	79	90	62	50	61	81	------
10	57.84	58.20	59.26	57.18	57.19	58.58	24.5	23.9	30	31.6	28.2	25.4	32.5	23.6	84	88	62	48	65	83	------
11	57.39	57.90	59.48	57.11	56.71	58.33	24.8	24	28	29.6	27.5	24	30.5	23.5	86	91	68	53	63	77	------
12	57.29	57.60	58.60	56.52	56.61	58.28	23.6	23.8	30.5	30	28.2	25.1	31.2	23.3	80	85	59	57	63	82	------
13	57.61	58.31	59.30	57.26	57.87	59.86	23.6	23.8	29.5	30.4	27.2	24.8	31.7	23	90	90	58	51	67	82	.2
14	58.66	59.16	60.49	58.35	59.35	60.13	24.1	23.5	28.9	30.6	24.7	24.1	32.1	23.2	82	90	67	58	84	86	.2
15	59.08	59.46	60.40	58.20	58.81	60.18	24	23.4	29.4	30.9	28	25.5	31.8	23	88	89	65	54	68	81	------
16	59.24	59.09	59.97	58.26	58.49	59.92	24.1	24	29	28	27	24.4	30	23.5	86	84	66	70	70	87	------
17	58.55	58.85	60	57.33	57.72	59.30	23.6	23.6	30.8	30.4	28	25.8	32	23	90	93	64	60	70	78	1
18	58.11	58.61	59.55	57.43	57.96	59.67	24.1	23.6	30.5	31.9	28.4	25.4	32.1	23.1	87	90	53	48	65	81	------
19	58.39	58.85	60.02	57.69	58.01	60.08	24.1	24.1	27.4	32	28.9	24.9	32.3	23.5	86	95	78	49	65	88	1.3
20	58.84	58.92	59.88	58.01	58.14	58.73	24.5	23.1	28	27.4	24.2	24	30.7	23	88	93	71	75	94	96	3.5
21	57.49	57.45	58.42	56.46	56.80	58.14	23.5	23	28.1	29.6	26.4	25	30.3	22.6	87	91	71	70	70	82	12.2
22	57.30	57.56	58.23	55.92	56.06	57.73	23.7	23	29.5	28.5	26.9	25	31.1	22.8	91	97	70	75	85	91	2.5
23	56.14	56.24	57.63	55.69	56.85	58.14	25	24.1	26.9	25.4	25.1	24.5	27	24	92	91	82	92	95	96	16.4
24	56.54	57.53	58.87	56.52	57.96	59.62	24	23.6	29.2	32.6	26	25.8	32.9	23.5	96	98	70	54	86	90	------
25	58.82	58.93	60.64	58.49	58.79	60.85	24.9	24	29.8	30.5	28.5	25.5	31.6	23.5	91	94	65	61	71	84	------
26	59.87	60.34	61.15	58.83	59.27	61.45	25	24.4	28.5	31.7	28.5	25.3	32.1	24.3	88	92	73	56	71	89	------
27	60.11	60.91	61.75	59.44	59.62	61.38	24.8	24.4	30.3	31.6	28.6	25.5	32	23.9	89	89	58	45	63	81	------
28	60.12	60.82	61.76	59.27	59.24	60.90	24.1	24	30	31.5	28.6	25.6	32	23.8	91	88	61	51	63	80	------
29	59.91	60.36	61.22	59.06	59.36	61.05	24.2	24.5	30	31.3	29	26.1	32.3	23.5	90	88	62	54	64	80	------
30	59.77	60.08	61.31	58.58	58.62	60.26	24.9	24	30	32.6	29	25.5	32.9	23.9	88	91	62	36	52	73	------
31	59.14	59.85	60.61	58.28	58.64	60.23	24.4	23.5	30.4	32	29	25.4	32.5	23.3	80	87	55	49	60	76	------
Mean	58.47	58.94	60.05	57.81	58.06	59.64	24.2	23.7	29.3	30.7	27.7	25.1	31.6	23.3	87.5	90.6	64.5	55.5	68.2	82.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	41.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNE	NNE	ENE	ENE	ENE	NE	85.1	112.3	135.4	70	402.8	5	Ci.	Cu.	8	Ci.-S.	Cu. NE
2	NE	N	NE	ENE	ENE	NNE	69.2	92.5	126.9	88	376.6	6	Ci.	S.-Cu. ENE	4	Ci.	Cu. NE
3	N	NNE	ENE	ENE	ENE	NE	78.7	121.3	122.5	66.8	389.3	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
4	NNE	N	ENE	E	ENE	N	70.6	97.7	122.5	65.8	356.6	6	A.-Cu.	Cu.	2	Ci.	Cu.
5	NNE	NNE	ENE	ENE	E	ENE	82.7	110.7	131.4	76.6	401.4	7	A.-Cu.	S.-Cu. N	8	A.-Cu. E	Cu.
6	NNE	N	ENE	ENE	ENE	NNE	68.6	104.6	114.1	62.6	349.9	6	Ci.-S.	Cu.	3	Ci.	Cu.
7	N	NNE	ENE	ENE	NE	NNE	65.4	94.8	109.4	70.6	340.2	7	Ci.	Fr.-N. NE	3	Ci.	Cu.
8	N	N	ENE	ENE	ENE	NE	53.9	105.1	136.6	75.4	371	6	Ci.	S.-Cu. ENE	6	Ci.-S.	Cu.-N.
9	N	N	ENE	ENE	ENE	N	52.1	78.9	110	72.4	313.4	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.
10	NNE	N	ENE	ENE	ENE	NNE	76.6	110.5	129.8	77.4	394.3	8	Ci.-S.	Fr.-N. NE	6	Ci.-S.	Cu.
11	NE	N	NE	ENE	ENE	NE	70.6	81.8	113.7	49.3	315.4	10	Ci.-S.	N. ENE	9	Ci.-S.	Cu.
12	NNE	NNE	NE	E	ENE	NNE	48.1	82.9	105.9	59	295.9	9	Ci.-S.	S.-Cu.	10	A.-Cu.	Fr.-N. NE
13	N	N	ENE	ENE	ENE	NNE	54.9	99.2	122.9	59.3	336.3	9	Ci.-S.	N. NE	9	Ci.-S.	Cu.
14	NNE	NNE	ENE	ENE	NE	NE	80.3	107.8	130.9	81.5	400.5	8	A.-Cu.	S.-Cu.	9	A.-Cu.	Fr.-N. NE
15	NNE	NNE	ENE	ENE	NE	NNE	73.2	97.7	107.3	72.9	351.1	6	A.-Cu.	S.-Cu.	10	A.-Cu.	Cu.
16	NNE	N	ENE	ENE	E	N	68.6	101.2	75.8	44	289.6	10	A.-Cu.	S.-Cu.	10	A.-S.	N.
17	N	NE	NE	E	NE	ENE	44.3	79.4	98.2	75.1	297	9	A.-S.	Cu.	9	Ci.-S.	Cu.-N
18	NE	NNE	ENE	ENE	NE	N	64.9	109.6	135	75.3	384.8	8	A.-S.	S.-Cu.	3	Ci.	Cu.
19	N	N	NE	ENE	NE	N	78.4	88.3	107.2	88.3	362.2	9	A.-Cu.	S.-Cu.	6	Ci.-S.	Cu.
20	N	N	ENE	ENE	NE	NE	64.9	85.3	95.5	58.5	304.2	6	Ci.-Cu.	S.-Cu.	10	------	N. NE
21	NE	N	ENE	ENE	NE	NE	49.4	86.6	91.5	56.1	283.6	7	A.-Cu.	S.-Cu.	10	------	N. NE
22	N	N	N	SW	Calm	NE	50.9	46.7	66.3	31.7	195.6	10	------	N.	9	Ci.	Fr.-N. N
23	N	Calm	Calm	ESE	ESE	E	36.7	26.2	32.5	16.1	111.5	10	A.-S.	S.-Cu.	10	A.-S.	N. SW
24	NE	NE	NE	E	SW	W	------	31.67	77.2	31.7	------	9	A.-Cu.	Fr.-N. ESE	9	Ci.-S.	Cu.
25	N	N	ENE	E	E	N	32.8	88.3	98.2	80	299.3	10	Ci.	Fr.-N. ENE	9	Ci.-S.	Cu.
26	NE	N	ENE	ENE	ENE	N	75	105.6	123.1	62.3	366	8	Ci.	S.-Cu. ENE	2	Ci.	Cu.
27	NNE	N	NE	ENE	ENE	N	80.2	122.5	132.8	69.5	405	3	Ci.	S.-cf. E	2	Ci.	Cu.
28	N	N	ENE	ENE	ENE	N	72.6	104.1	122	69.7	368.4	7	Ci.	S.-Cu. E	6	Ci.	Cu.
29	N	N	ENE	ENE	NE	N	62.6	105.7	122.5	75.9	366.7	8	Ci.	Fr.-N. NE	2	Ci.	Cu.
30	NNE	NNE	NE	NE	NE	NE	67.3	112.9	102.5	50.9	333.6	2	Ci.	Cu.	5	Ci.	Cu.
31	N	N	ENE	ENE	NE	NE	55	85.8	98	60.7	299.5	5	Ci.	S.-cf. ENE	2	Ci.	Cu.
Mean	------	------	------	------	------	------	64.5	92.8	109.6	64.3	335.4	7.5	------	------	6.7	------	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

ILOILO.

[ϕ=10° 42′ N ; λ=122° 34′ E ; barometer above sea, 6 meters ; gravity correction not applied, —1.84 mm.]

APRIL, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.11	59.74	60.50	58.48	58.37	60.13	24.5	24	30.2	31.9	28.9	25.5	32.5	24	84	88	60	46	59	76	------
2	58.89	59.41	60.90	58.63	59.06	60.73	24.9	24.2	30.5	31.6	28.5	26.1	32.5	24	88	90	57	48	66	72	------
3	59.58	59.98	61.03	58.58	59.01	60.88	24.8	24.4	30.5	32	29.6	26	33.5	24.1	89	92	62	49	58	85	------
4	59.56	59.97	60.75	58.69	58.84	60.50	25.2	24.6	31.2	32.4	29.3	26.4	33.4	24.5	89	91	58	47	62	82	------
5	58.97	59.61	60.84	58.31	58.74	59.83	25.2	25.4	30.2	32.5	29	25.6	33.6	24.5	86	84	61	50	61	79	------
6	58.84	59.61	60.09	57.40	57.41	58.97	24	23.4	30.4	33	28.5	26.6	33.6	23.4	83	84	63	45	75	80	------
7	58.15	58.65	59.89	56.99	56.71	58.89	24.2	23	30.6	31.5	28.5	26.5	33.8	22.9	86	91	59	60	72	80	------
8	58.20	59.06	59.73	57.37	57.85	59.57	25	23.8	30.5	31.2	28.4	27.5	34	23.6	85	92	56	61	74	82	------
9	58.84	59.69	60.51	57.57	57.90	59.87	25	24.5	30.5	34.1	29.6	26	34.8	24.1	83	86	59	36	58	69	------
10	58.99	59.62	60.45	57.72	57.99	59.49	24	23	31.5	33.2	29.6	26.3	33.6	23	76	84	56	42	58	70	------
11	58.83	59.33	60.40	58.11	58.49	60.20	25	23.9	30.6	32.5	29.2	25.8	33.4	23.8	79	88	50	42	54	72	------
12	59.59	59.99	60.84	58.39	59.04	60.02	24	24.4	31.5	32.8	29.1	25	33.5	23.6	79	84	60	47	49	60	------
13	59.13	59.38	60.11	57.87	58.27	59.81	25.1	25	30.6	32.1	29.4	26.5	33.5	24.5	83	88	59	52	63	80	------
14	58.55	58.68	59.58	57.27	58	59.41	25.6	25.4	31	32	30	27	33	25.1	88	88	62	58	61	80	1
15	58.14	58.63	59.92	56.97	57.62	58.86	25.6	25	29.1	31.5	28.8	26.8	32.5	24.5	83	88	70	56	73	79	------
16	57.75	57.89	58.95	56.87	57.29	59.02	25.4	25.1	31	32.4	29	27.4	33.5	25	88	89	59	55	74	84	------
17	57.79	58.53	59.23	56.92	57.30	59.39	25.8	25.2	30.5	33	29.5	26.5	33.5	24.9	86	90	59	50	58	68	------
18	58.33	59.04	59.96	57.28	57.67	59.92	25	24.6	30.9	32.2	29.5	26.5	33	24.5	84	87	57	48	58	82	------
19	58.72	59.24	59.91	56.88	56.87	58.42	25	25.5	31.3	33	29.6	26.6	34.1	24.6	80	84	58	44	58	68	------
20	57.45	58.11	59.04	56.52	57.18	59.07	25.7	25	30.9	33.5	29.4	26.5	34	24.6	78	88	60	48	61	62	------
21	58.04	58.50	59.56	57.02	57.49	58.81	25	24.4	31.4	34.4	29.2	26.2	34.6	23.9	73	80	55	39	60	67	------
22	58.49	59.21	59.73	57.06	57.14	58.93	24.1	23.9	30.5	34.4	29.6	26.5	35	22.5	70	80	53	30	64	66	------
23	58.69	59.04	59.05	56.85	57.48	58.89	25	24.4	31.1	32.4	29.8	26.5	34.1	24.2	74	74	58	62	62	76	------
24	58.12	58.56	59.08	56.72	57.05	58.86	24.9	24	31.6	33.6	30.5	26.8	34.2	23.5	79	79	57	42	50	64	------
25	57.83	58.93	59.35	56.90	57.43	59.56	24.7	24.6	30.4	34	29.5	26.4	34	24	75	82	60	38	53	59	------
26	58.58	58.95	59.39	56.53	56.85	59.07	24	23.6	31	33.4	30	26.1	34.2	23.4	67	76	57	43	59	65	------
27	58.09	58.55	59.15	56.67	56.75	58.88	25.3	26	31.5	33.9	29.8	27.4	34.5	24.6	69	79	54	50	63	70	------
28	57.99	58.17	58.99	56.21	57.53	58.77	26.3	25.5	31.8	31.6	27	26	35.1	25	74	80	53	65	70	82	------
29	57.47	58.24	58.94	56.83	57.46	58.53	25.2	24.5	31.5	31.8	27	25.5	33.6	24	82	84	54	66	77	84	------
30	57.58	58.10	59.11	56.52	57.30	58.89	24.5	23.6	31	31.5	28	26.6	34.4	23	87	87	60	63	70	77	------
Mean	58.48	59.01	59.83	57.34	57.74	59.41	24.9	24.5	30.8	32.6	29.1	26.4	33.8	24	80.9	85.2	58.2	49.4	62.7	74	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	ENE	ENE	ENE	N	67.9	106.7	113.7	66.2	354.5	1	------	Cu.	2	Ci.	Cu.
2	NNE	N	ENE	ENE	NE	NNE	66.2	100.1	122.6	60	348.9	1	------	Cu. ENE	5	A.-Cu.	S.-Cu.
3	N	N	NE	ENE	ENE	NNE	51.5	82.9	104.8	65.5	304.7	2	Ci.	S.-cf.	1	------	Cu.
4	N	N	ENE	E	ENE	NNE	67	96.8	128.9	66.8	359.5	2	------	Cu.	6	A.-Cu.	Cu.
5	N	N	ENE	E	ENE	NNE	67.6	93.5	114	60.4	335.5	9	------	S.-Cu. NE	2	------	Cu.
6	N	N	ENE	E	SW	NE	39.9	66.3	81.3	28.2	215.7	5	------	S.-Cu.	1	------	Cu.
7	Calm	SSE	ESE	SW	SW	NNW	10.7	46.7	80.3	26	163.7	1	------	Cu.	3	------	S.-cf.
8	NE	NNE	E	WSW	SW	SW	31.7	46.7	85.6	39.6	203.6	5	Ci.	Cu.	2	------	Cu.
9	N	N	E	NE	ENE	NE	39.7	45.6	75.4	37.8	198.5	2	------	Cu.	5	Ci.	Cu.
10	NE	NNE	ENE	E	NE	NE	41.6	69.2	94.3	51.2	256.3	0	------	Cu.	1	------	Cu.
11	N	N	ENE	E	ENE	N	56.8	76.6	97.2	53.4	284	1	Ci.	Cu.	1	------	Cu.
12	N	N	ENE	E	ENE	N	47	83.9	126.1	57.4	314.4	1	------	Cu.	1	------	Cu.
13	N	N	ENE	E	NE	N	61.2	106.5	110.2	71.4	349.3	2	------	Cu.	5	A.-Cu.	Cu.
14	N	N	ENE	ENE	ENE	N	47.5	81.8	89.3	55.3	273.9	7	Ci.-S.	S.-Cu. NE	8	Ci.-Cu. SSE	S.-Cu. ENE
15	N	N	NE	E	NE	NNE	41.2	61.4	83.5	60.2	246.3	9	A.-S.	S.-Cu. NE	8	A.-Cu.	Cu-N.
16	N	N	NE	ENE	E	NE	38.9	60.7	83.5	47	230.1	9	Ci.	Cu.	7	A.-Cu. E	Cu.
17	N	N	ENE	ENE	ENE	E	43.5	91.2	101.7	43	279.4	9	A.-Cu. E	S.-Cu.	6	Ci.	Cu.
18	NE	N	ENE	ENE	ENE	N	34.6	69.8	108.3	65.5	278.2	4	Ci.-S.	Cu.	8	Ci.	Cu.
19	N.	N	NE	E	ENE	N	42.1	56.3	85.6	66.8	250.8	9	A.-Cu.	S.-Cu.	3	------	Cu.
20	N	N	ENE	E	ENE	NE	39.7	69.2	93.1	47.2	249.2	6	Ci.-Cu	S.-cf. NE	3	Ci.	Cu.
21	N	N	ENE	E	E	NE	37.2	68.9	57.7	43.5	207.3	6	Ci.	Cu.	2	------	Cu.
22	N	N	E	E	ENE	NNE	32.5	57.9	45.3	30.9	166.6	0	Ci.	Cu.	1	------	Cu.
23	ENE	NNE	E	SW	E	N	32.7	52.6	58.4	34.4	178.1	3	Ci.	S.-cf.	3	Ci.	Cu.
24	N	N	ENE	ENE	ENE	E	23.8	74	90.7?	35.9	224.4?	0	Ci.	Cu.	5	Ci.	Cu.
25	N	N	E	E	ENE	ENE	40.5	67.8	95.8?	48.6?	252.7?	6	Ci.	S.-Cu.	5	Ci.	Cu.
26	N	N	ENE	E	ENE	N	31.9?	73.5	87.9	54.4	247.7?	7	Ci.	S.-cf. NE	5	Ci.	Cu.
27	N	N	E	E	E	N	39.2	64.4	87.2	41.8	232.6	2	Ci.	Cu.	2	Ci.	Cu.
28	N	NE	ENE	SW	NW	NW	33.5	40.5	67.1	18	159.1	4	Ci.	Cu.	3	Ci.	Cu.-N.
29	NW	NW	E	WSW	WNW	NW	21.4	41.2	97.1	19.5	179.2	3	Ci.	S.-cf.	6	Ci.	Cu.-N.
30	NW	Calm	E	SW	W	N	15.1	35.3	57.7	35.6	143.7	3	Ci.	Cu.	6	Ci.	Cu.-N.
Mean	------	------	------	------	------	------	41.5	69.6	90.8	47.7	249.6	4	------	------	3.9	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,487.9	------	------	------	------	------	------

ILOILO.

[ϕ=10° 42′ N ; λ=122° 34′ E ; barometer above sea, 6 meters ; gravity correction not applied, —1.84 mm.]

MAY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.57	57.34	58.23	56.36	56.73	58.65	25.4	25.2	31.6	33.9	31	27.7	34.3	24.1	79	85	56	43	56	67	------
2	57.69	57.86	58.83	56.39	56.95	59.65	25.8	24.6	32.1	34.4	31	28.5	35.4	24.5	78	83	57	42	55	68	------
3	58.33	58.18	58.73	56.56	56.98	58.37	26.9	26.5	32.4	34.1	30.8	28.1	34.7	26.1	81	84	58	48	59	69	9.4
4	57.34	58.05	59.15	56.61	57.03	58.55	26.8	26	31.5	34	30.4	27.5	34.2	25.1	81	89	58	43	61	70	------
5	57.60	57.68	58.62	55.64	56.46	58.10	25.7	25.6	31.5	34.5	28	27.6	35	25.5	81	87	63	51	69	76	------
6	56.94	57.32	58.32	55.60	56.80	57.85	26.8	26	31.6	33.5	27.8	27.4	35.2	25.4	82	84	65	56	75	81	------
7	57.19	57.38	58.12	56.55	57	57.89	26.4	25.5	31.3	28.4	25.1	25.3	33	24.4	87	91	64	75	76	88	------
8	56.61	57.10	58.08	55.49	57.53	58.59	25	24.8	31.4	31.8	24.4	25.5	33.4	24	88	90	66	64	92	90	13.7
9	56.99	57.44	58.56	57.26	57.97	59.70	25	24.8	29.1	28	27.5	25.1	30.8	24.5	93	93	81	77	81	92	2
10	58.34	58.89	60.03	58.08	57.91	59.85	24.2	23.8	30.4	31	27.5	26.5	32.2	23.5	94	91	65	59	79	90	------
11	59.18	59.44	59.68	57.51	58.44	59.85	25	24.5	30.4	33.4	30	26.1	33.9	24	92	92	68	50	66	93	20.6
12	58.63	58.89	59.68	57.49	58.13	59.14	26.2	25	29.2	29.5	25.6	25.4	31.9	24.8	90	95	75	72	87	93	8.6
13	57.80	57.92	58.48	56.92	57.35	58.87	25.5	25.5	30.6	32	29.8	26.5	33.4	24.5	92	92	64	63	69	83	1.5
14	57.85	58.01	58.43	56.77	57.05	59.44	25.5	25.1	30.5	33.5	30.5	27.3	34.6	24.5	81	83	63	36	65	68	------
15	58.28	58.56	58.50	56.31	57.45	59.36	26	25.8	31.5	32.7	29.5	28.4	34	25.4	84	85	66	60	75	80	------
16	58.35	58.64	59.81	57.47	58.28	59.86	26.6	25.4	30.5	31	27.5	27.5	32.6	25	83	88	63	68	73	81	------
17	58.16	58.60	59.79	57.91	58.63	60.43	26.2	26.5	29.9	29.4	26.5	25.6	30.8	24.6	87	84	59	69	85	87	3.3
18	59.44	59.09	60.13	57.70	58.52	60.51	24.6	24	31	31	29.5	26.8	32.4	23.6	94	95	59	66	75	81	.3
19	58.99	59.39	59.93	57.65	57.73	58.66	25.8	25	31.7	32.1	30	26.9	33.7	24.1	85	88	59	52	57	74	------
20	57.79	58.14	58.95	56.81	57.23	58.65	25.4	25.5	31	34	29.9	27.1	34.2	24.6	78	84	62	43	63	65	------
21	57.79	57.92	58.65	56.88	57.83	59.76	26.1	26.5	31.4	32.5	25	25	34.1	22.6	79	80	56	58	93	92	22.6
22	59.04	59.06	59.18	57.77	58.04	60.47	24.1	23.6	31	33	31.1	28.4	34.1	23.4	94	91	65	54	62	82	------
23	60.38	60.51	60.59	58.58	58.59	59.90	26	24.9	30.5	33.6	30.5	28	33.8	24	76	85	62	50	60	85	.3
24	59.09	59.52	59.79	57.16	57.56	58.86	26.5	25.5	30.6	33.4	30	27	33.8	25.4	83	91	65	57	62	83	------
25	57.81	58.80	58.88	56.74	57.21	58.77	26.1	25.5	32	31	28	27.1	33.3	25.1	80	87	65	69	81	87	4.3
26	57.72	58.70	59.21	57.35	57.75	59.42	26.7	25.5	28.5	30	28.6	27.6	31	25.1	86	89	75	70	73	84	7.9
27	58.37	58.80	59.03	57.03	57.50	58.91	27	25.5	30	31	29	26	31.5	24.6	84	91	68	69	71	83	------
28	58.10	58.65	58.49	56.18	56.84	58.73	24.8	24.6	30.5	33	29.9	25	33.4	24	90	87	62	46	69	96	33.5
29	57.57	57.83	58.71	57.26	57.47	57.68	25	25	29.5	30	26.8	25.4	30.5	24.4	92	92	71	75	82	88	25.1
30	56.56	57.06	57.71	55.02	56.12	57.56	24.5	24.5	27.6	31.5	25	24.2	32.4	23.4	91	89	84	63	92	96	15.2
31	56.45	56.74	57.72	56.04	56.95	58.87	24	23.8	30	30.1	27.6	25.6	31.5	23.4	97	94	71	71	84	91	1.8
Mean	58	58.31	58.97	56.87	57.48	59.06	25.7	25.2	30.7	32	28.5	26.6	33.2	24.4	85.9	88.4	65	58.7	72.5	82.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	170.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	E	E	E	NNE	34.4	78.3	90.3	49.9	252.9	3	Ci.	Cu.	3	Ci.	Cu.
2	NE	NNE	E	ENE	NE	N	39.2	59.2	82.3	67.8	248.5	5	Ci.	Cu.	4	Ci.	Cu.
3	N	N	E	E	NE	NNE	59.8	93.9	113.2	63.1	330	4	Ci.	Cu.	2	Ci.	Cu.
4	NNE	N	E	E	NE	NE	45.6	66.6	96.6	51.5	260.3	3	Ci.	Cu.	8	Ci.-S.	Cu.
5	NNE	NNE	E	E	NW	NW	39.9	58.2	59.5	17.2	174.8	9	Ci.-S.	Cu.	6	Ci.	Cu.-N.
6	N	N	E	E	NW	Calm	31.9	57.1	50.4	17.1	156.5	9	Ci.	Cu.	8	Ci.	N.
7	Calm	N	E	WNW	Calm	NNE	15.5	55	46.2	18	134.7	10	Ci.-S.	Cu.	10	A.-S.	Fr.-N.
8	NNE	N	E	SW	NW	NW	17.1	30.6	87.2	16.9	151.8	8	Ci.-S.	S.-Cu.	7	Ci.	Cu.-N.
9	NW	Calm	W	WSW	WSW	N	15	36.7	74.2	25.1	151	8	A.-Cu.	S.-Cu.	10	A.-S.	N.
10	N	N	NNW	SE	Calm	Calm	18.2	35.7	38.4	10.7	103	7	A.-Cu.	Cu.	9	Ci.-S.	Cu.-N.
11	Calm	SE	E	E	E	E	14.8	44.9	67.4	34.3	161.4	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.
12	NE	E	E	SW	Calm	NW	25.5	27.9	54.9	16.4	124.7	10	Ci.-S.	Cu.	9	Ci.-S.	N.
13	NW	NW	E	SW	SW	Calm	16.7	33.5	59.3	19.5	129	9	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
14	Calm	NE	E	E	E	SE	18.3	49.1	50.2	25.2	142.8	7	Ci.	S.-Cu.	6	Ci.	Cu.
15	E	NE	E	S	SW	SW	19.3	45.7	66	29.5	160.5	5	Ci.-S.	Cu.	3	Ci.	Cu.
16	SW	S	E	WSW	NW	N	16.4	44.1	58.1	17.9	136.5	3	Ci.	Cu.	9	Ci.-S.	Fr.-N.
17	Calm	S	SW	SW	S	S	8.3	64.1	105.2	24.7	202.3	9	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.
18	WSW	Calm	ESE	SW	SW	Calm	12.4	27.6	80.2?	17.7	137.9?	4	Ci.	Cu.	3	Ci.	Cu.
19	SW	SW	E	E	NE	NE	14.2	52.3	87.4	29.8	183.7	3	Ci.	Cu.	8	Ci.	Fr.-N.
20	NE	NE	E	E	E	NE	26.9	53.6	68.1	33.8	182.4	6	Ci.	Cu.	7	A.-Cu.	Cu.
21	N	NNE	ENE	SW	SE	NW	33	50.2	78.9	34	196.1	8	Ci.-S.	Cu.	8	Ci.	Cu.-N.
22	NW	NW	ENE	E	E	SW	19.9	44.1	45.6	78.9	188.5	4	Ci.	Cu.	5	Ci.	Cu.
23	NW	NW	E	E	E	SW	22	37.3	65.4	29.5	154.2	5	A.-Cu.	Cu.	8	Ci.	Cu.
24	NW	NNE	E	E	E	NE	32.7	59	67.8	17.5	177	9	A.-S.	N.	7	A.-Cu.	Cu.-N.
25	Calm	Calm	EbyS	SW	SW	SW	11	44.6	97.6	48.1	201.3	6	Ci.	Cu.	9	Ci.	N.
26	SW	Calm	SW	SW	SW	Calm	22.8	59.3	106.8	45.6	234.5	9	Ci.-S.	Fr.-N.	8	Ci.-S.	N.
27	Calm	WSW	WSW	WSW	WSW	NW	14.8	55.5	92.8	30.6	193.7	9	A.-S.	Fr.-N.	9	Ci.	Cu.-N.
28	NW	NW	NW	E	E	Calm	16.7	28.8	50.5	28.5	124.5	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
29	E	ENE	SSW	WSW	S	NE	14.8	31.2	66.5	36	148.5	10	A.-Cu.	Fr.-N.	9	Ci.	Cu.-N.
30	E	E	N	E	SW	WNW	40	47.8	55.7	27.6	171.1	6	Ci.	S.-cf.	9	A.-Cu.	N.
31	WNW	Calm	N	SW	Calm	SSE	18.5	22.8	61.2	22.5	125	8	Ci.-S.	Cu.	9	Ci.	N.
Mean	------	------	------	------	------	------	23.7	48.2	71.7	31.8	175.5	6.9	------	------	7.3	------	------
Total	------	------	------	------	------	------	------	------	------	------	5,439.1	------	------	------	------	------	------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6 meters; gravity correction not applied, −1.84 mm.]

JUNE, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.71	57.81	58.28	56.68	56.67	58.49	24.9	24.1	30.5	32.5	29	26.6	33.4	23.2	92	91	66	55	74	83	-----
2	57.94	58.26	58.60	56.20	56.39	58.22	25.6	25.1	31.5	32.6	30.6	27.2	33.7	24.5	88	91	69	49	59	76	-----
3	57.62	57.25	57.63	55.71	56.49	58.31	26	26.1	32.5	33	29.5	28	33.5	25.6	84	88	60	61	75	80	-----
4	57.24	57.31	58.10	56.05	56.35	57.83	26.8	26.9	31.6	32.9	30.4	28	33	26.5	86	86	62	60	66	77	-----
5	57.29	57.70	57.68	56.09	57.01	58.12	27	26.4	31.5	32.1	28.4	26	32.6	25.7	80	87	59	57	76	84	-----
6	57.38	57.62	57.93	56.08	56.75	58.76	25.5	25.8	31	33.5	30.5	27.8	34	24.4	88	87	65	54	65	80	-----
7	58.02	58.07	58.63	56.98	57.32	59.17	26.5	26	32.6	33	30.6	27.1	33.5	25.2	86	88	59	54	62	81	-----
8	58.27	58.29	59.02	57.33	58.07	59.57	26.8	26.6	32	30.9	27.9	27.6	33.1	25.9	82	89	60	67	82	89	1.3
9	59.04	59.09	59.30	56.91	57.58	59.12	25.8	25.4	30.5	32.6	29.5	28.5	33.9	24.6	93	92	72	54	76	81	-----
10	58.77	58.85	58.96	56.71	57.54	58.43	27	25.5	30.5	33	28.6	27.1	33.9	25.4	84	88	68	64	70	84	-----
11	58.19	58.07	58.69	56.63	56.87	58.60	26	25	30.8	33	28.5	27.5	33.5	24.6	85	88	71	53	64	78	5.1
12	58.19	58.36	58.83	56.91	58.04	59.71	26	25	31.5	33.5	29.4	25.6	34.1	24.5	84	88	63	43	71	93	10.7
13	59.19	59.63	60.11	58.07	59.65	60.48	25.2	24.9	28.6	27.6	23.5	24	30	23	94	92	73	81	96	93	23.4
14	59.16	59.96	60.09	58.23	58.40	59.81	23.8	24.1	29.1	30.1	28.5	27	30.6	23.5	95	94	74	64	78	86	25.9
15	59.39	59.76	60.93	59	59.65	60.21	24.5	25.4	26.6	28	27.2	27	28.6	23.8	96	90	83	74	75	80	-----
16	59.76	59.79	60.76	58.90	59.69	60.37	25.2	25.5	29	30.3	24	24.8	30.5	22.6	92	92	74	70	96	93	48.3
17	59.86	60.09	61.32	59.47	59.51	60.15	25.2	25.6	26.4	28.6	27	27.5	28.9	24.6	90	88	79	71	77	73	-----
18	59.37	59.92	60.72	59.32	58.77	59.61	27	26.4	25.6	28.5	27.1	27.1	29.9	23.1	77	86	91	78	83	85	24.4
19	59.58	59.57	59.55	58.47	57.95	59.07	25.2	25.6	27.1	28.2	27.6	27.6	28.5	24.6	97	87	76	76	81	81	6.4
20	58.40	59.36	58.92	57.79	57.43	58.93	27	25.4	28.1	28.6	27.8	27.1	29.5	23.9	83	84	75	73	72	75	.3
21	58.29	58.64	58.24	56.55	56.93	58.14	27	25.6	27	28	27.4	27	28.5	21.5	75	84	77	73	78	84	24.4
22	57.76	57.64	58.12	57.01	57.17	58.58	23.8	23.9	28.5	29.6	27.6	25.5	30.9	22.8	97	94	73	66	77	88	-----
23	57.94	57.74	57.27	56.73	57.78	59.04	24.8	24.1	29.7	31.5	25.6	25	32	24	92	87	64	57	82	88	1.8
24	58.10	57.99	58.25	56.85	57.39	58.99	24.4	23.5	30.4	29.5	28	26.4	32.6	23.5	90	87	66	73	82	92	-----
25	58.34	58.64	58.50	56.60	57.66	59.38	25.6	24.6	30.5	30	25.7	25	32.5	24.5	92	93	68	69	82	92	-----
26	58.46	58.44	58.92	56.89	58.20	59.28	24.4	26.6	28.6	29.6	27.8	26	30.1	24.2	95	84	73	71	79	89	-----
27	58.14	58.29	58.98	56.73	56.50	59.28	24.8	24.2	29.5	31.1	29.6	25.4	32.4	22.6	93	97	68	62	71	93	50.5
28	58.34	57.99	58.46	56.87	58.25	59.54	24.5	25.6	29.6	31.4	27	26	31.8	24.1	95	92	67	63	83	92	.3
29	58.54	59.31	60.07	57.83	58.31	59.83	25.5	25	28	31.1	28.2	26.7	32	24.5	94	92	83	62	76	90	-----
30	58.82	59.10	59.63	57.25	58.10	58.86	25.8	25	29.4	29.5	27	24.5	31	23	93	92	72	71	84	92	23.1
Mean	58.44	58.62	59.02	57.23	57.75	59.13	25.6	25.3	29.6	30.8	28	26.6	31.8	24.1	89.1	89.3	70.3	64.2	76.4	85.1	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	245.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	E	NE	NE	N	N	23.1	49.9	65	35.7	173.7	7	Ci.	Cu.	7.	Ci.-S.	Cu. NE
2	N	NNE	NE	ENE	NE	NNE	33	82.1	102.2	53.3	270.6	6	Ci.	Cu.	2	Ci.	Cu.
3	N	N	NE	E	E	NNE	50.9	71	91.2	59	272.1	9	Ci.	Cu. NE	3	Ci.	Cu.
4	NNE	N	E	ENE	ENE	NNE	55.7	91.9	110.5	52.5	310.6	6	Ci.	Cu.	4	Ci.	Cu.
5	N	N	E	E	ENE	NE	53.4	96.4	101.9	68.1	319.8	6	Ci.	Cu.	9	A.-Cu. E	Cu.
6	N	NNE	NE	ENE	ENE	NE	58.9	72.9	77.9	41.2	250.9	4	Ci.	Cu.	2	Ci.	Cu.
7	ENE	NbyE	ENE	E	ENE	N	42.3	81.3	81.6	50.7	255.9	5	Ci.	Cu.	8	Ci.	Cu.
8	N	N	ENE	E	E	ENE	41.6	79.4	59.2	19.9	200.1	6	Ci.	Cu.	9	Ci.-S.	Cu.-N.
9	N	N	E	E	WSW	SW	18.5	52	74.3	33.3	178.1	3	Ci.	Cu.	6	A.-Cu. E	Cu.
10	NW	NE	E	SW	W	Calm	29.2	41.8	60.9	21.1	153	8	Ci.	Cu.	7	Ci.	Cu.
11	W	W	E	E	NW	NW	24.7	48.9	76.2	22.3	172.1	8	Ci.	Cu.	7	Ci.	Cu.
12	NE	NNE	NE	E	N	W	30.6	51.8	73.2	37.5	193.1	7	A.-Cu. NE	Cu.	6	Ci.	Cu.
13	NE	N	N	SW	NE	NE	21.5	56.9	64.4	23.3	166.1	9	Ci.-S.	Cu.-N.	10	Ci.-S.	N.
14	NE	Calm	NE	SSE	SSE	SSE	35.2	27.2	32.5	31.9	126.8	7	Ci.-S.	Cu.	9	Ci.-S.	Cu.
15	Calm	W	SW	WSW	SW	SW	28.8	64.6	65.7	38.4	197.5	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
16	Calm	SW	SW	SW	SE	SSW	14.5	56.3	98	48.5	217.3	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
17	S	SW	SW	SW	SW	SW	59.5	83.1	109.7	84.2	336.5	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
18	SW	S	SW	SW	SW	SSW	55.7	60	92	54.7	262.4	9	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu.
19	SW	SW	SSW	SW	SW	SW	66.8	44.8	90.1	71.8	273.5	9	Ci.-S. SE	Cu. SW	9	Ci.-S.	Cu.
20	W	SW	SSW	SW	WSW	W	75.9	67.1	91.2	74	308.2	9	Ci.-S. SW	Cu.-N.	7	Ci.-S.	Cu.
21	SW	S	SW	SW	SW	SW	80	85.9	69.2	53.1	288.2	9	Ci.-S.	Cu. SW	9	Ci.-S.	Cu.
22	S	SW	SW	SW	SW	SW	29.6	31.4	63.8	22.7	147.5	8	Ci.-S.	Cu.	9	A.-Cu.	Cu.
23	E	NE	ENE	NE	N	N	42.4	66	92.7	40.2	241.3	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.
24	NE	NE	NE	N	N	N	44.9	85	44.6	19.9	194.4	8	A.-Cu.	Cu.	8	Ci.-S.	Cu.-N.
25	NE	NE	NE	SE	NW	NW	46.5	41.6	52	23	163.1	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
26	SW	SW	SW	SW	SSW	S	29.3	67.9	99.6	39.1	235.9	8	-----	Cu.-N. SW	6	Ci.-S. SE	Cu.
27	S	SW	SW	SW	SW	W	13.7	24.3	64.1	47	149.1	8	Ci.-S.	Cu.	7	Ci. ENE	Cu.
28	Calm	N	WSW	SW	SE	SW	15.3	31.9	64.9	22.2	134.3	9	Ci.-S.	Cu.	7	Ci.-S.	Cu.
29	-----	SW	E	NE	SE	SE	21.4	28.8	45.9	18.7	114.8	6	Ci.-S.	Cu.	7	Ci.-S.	Cu. NNE
30	S	W	W	SW	N	NW	14.7	28.2	52	33.2	128.1	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. NE
Mean	-----	-----	-----	-----	-----	-----	38.6	59	75.6	41.4	214.5	7.4	-----	-----	7.2	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6,435	-----	-----	-----	-----	-----	-----

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6 meters; gravity correction not applied, —1.84 mm.]

JULY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.50	57.56	57.68	55.75	56.26	57.32	24.2	24	29.5	30	28.1	25.5	31.6	23	94	95	68	70	77	88	10.2
2	56.44	56.34	56.90	55.52	55.98	57.33	24.8	24.4	29.8	29.5	27.6	26.4	31.9	24	93	93	69	64	80	92	.5
3	56.38	56.79	57.34	55.71	56.45	58.35	25.4	24.6	29.1	27.6	28	24	30	23.5	93	95	73	84	79	93	6.1
4	57.54	57.24	57.96	56.74	57.18	58.04	24.2	24.2	28.8	25.4	24.8	24.6	29.5	23.5	94	95	75	88	93	96	12.7
5	57.46	57.56	57.96	55.81	57.01	58.50	23.8	23.5	29.6	30.6	26.1	26	31.5	22.9	93	91	70	68	86	87	------
6	57.71	57.53	58.09	56.87	57.18	58.38	24.8	24.8	27.5	27.1	25.5	24.6	29.2	24.4	89	90	81	78	84	92	5.8
7	57.99	57.64	58.02	57	57.59	58.82	24.5	24.5	27.4	28.1	25.6	24.5	28.8	23.9	91	92	76	74	87	92	.3
8	58.20	57.91	58.89	57.22	58.05	59.28	24.2	24.6	27.1	29.1	26	25.4	29.6	23.4	91	93	80	71	89	92	14.2
9	58.92	59.04	58.66	57.40	57.83	58.93	24	26	27.8	28.6	28	27.4	29.5	23.9	91	76	75	73	76	83	------
10	58.09	58.58	58.46	56.89	57.25	58.27	26	24.6	29.1	29.1	28	27.8	29.7	24.1	88	92	77	74	77	78	------
11	57.18	57.18	58.31	57.12	57.24	57.54	27.5	27.4	26.8	26.6	24.6	25.6	28.4	23.6	78	78	72	80	92	88	7.4
12	56.84	56.79	58.27	56.92	57.05	58.45	25	25.8	26.1	25.6	25.9	27	27	24	92	85	83	84	75	72	4.8
13	57.64	57.84	58.94	56.86	57.81	59.04	25.5	25.4	28.5	28.3	27	27.4	29.6	25	80	79	74	72	78	76	------
14	58.18	58.76	59.18	57.04	58.42	59.97	25.2	24.4	29.5	29	28	25.9	30.5	24	90	92	66	71	77	81	------
15	58.88	58.55	59.09	57.35	58.82	60.52	25	23.8	29.5	30.6	27.9	24.4	31.4	23.5	88	93	75	65	71	88	10.9
16	60.04	59.44	59.70	57.90	58.52	59.08	23.8	23	27.3	29.1	24	25	31.5	22.9	93	96	79	68	95	95	20.1
17	58.44	58.84	58.19	56.40	57.12	58.84	24.6	24.4	28	29	25.8	25	30.2	24	95	92	77	79	88	90	.8
18	57.90	58.06	58.66	57.27	57.65	59.97	24.4	24	27.4	27.9	27.1	26.8	29.3	24	92	95	78	77	80	86	11.2
19	59.32	60.14	59.68	58.54	58.57	59.97	25.6	24	26.6	28.1	27.5	26.1	28.9	23.6	88	97	88	72	78	82	8.4
20	59.54	59.37	59.79	58.61	58.63	59.12	24.5	25.6	27.6	27.6	27	26.1	28.6	23.6	96	90	77	76	93	80	------
21	58.35	58.02	59.07	57.78	57.61	58.42	25.5	26.8	28.9	27.6	27	25.8	29.8	24.5	80	69	66	73	74	82	------
22	58.21	58.29	58.41	56.97	57.69	59.12	24.2	24.3	28.4	29.2	26.4	25.9	29.7	23.8	94	94	70	74	86	83	------
23	58.43	58.13	58.56	56.84	57.27	58.47	25	25.6	27.9	29.4	27.6	25.1	29.6	24.6	92	88	79	72	80	94	5.6
24	57.22	56.83	57.51	56.29	56.32	57.69	25.6	25.5	28.9	27.1	27	26.5	29.8	25	91	91	76	87	84	85	1.8
25	56.85	56.88	57.02	55.97	56.66	57.95	25.5	26.1	27.2	29.1	25.6	26	29.5	24.5	88	81	75	71	87	89	23.9
26	56.82	56.72	57.24	55.99	56.53	58.46	26.1	27.5	29	29.4	25.5	27.6	29.6	24	87	78	71	74	96	80	18
27	57.24	56.79	57.94	56.59	56.80	58.14	28	27.5	24	28.8	27.6	23.6	29.5	23.5	76	78	96	73	79	95	44.2
28	56.32	55.72	56.30	54.43	55.02	56.47	24.8	27.6	28.6	29.1	28.2	28	29.5	23.4	93	81	75	73	77	81	.5
29	55.27	55.50	56.74	55.43	55.47	57.71	28	27.4	28.4	29	28.4	28	29.5	24	81	84	79	76	77	82	18.8
30	57.98	58.48	58.79	58.08	58.28	59.76	28	25.4	25.7	27.1	27	27.4	28.2	23	82	88	88	82	83	81	5.1
31	58.59	58.91	59.17	58.07	57.93	59.50	26	26.6	29.1	27.6	27.5	27.6	29.5	26	92	89	80	84	85	84	.3
Mean	57.79	57.79	58.27	56.82	57.30	58.63	25.3	25.3	28	28.4	26.8	26	29.7	23.9	89.2	88.1	76.4	75.1	82.7	86.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	231.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	N	E	N	NW	N	20.4	38.1	37	23.3	118.8	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.
2	NE	NNE	NE	SW	SW	SW	22.5	39.2	54.5	18.2	134.4	6	Ci.	Cu.	9	Ci.-S.	Cu. NE
3	E	E	E	SW	SW	N	17.5	38.8	66.5	34.8	157.6	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N
4	N	N	N	W	SW	ENE	15.3	35.9	43.7	37	131.9	9	Ci.-S.	Cu.	10	------------	N.
5	NE	NE	NE	NE	W	ENE	33.2	29.5	49.3	34.8	146.8	6	Ci.-S.	Cu. ENE	8	Ci.-S.	Cu. E
6	N	N	SE	WSW	NNE	NNE	30.8	18.8	44.8	31.4	125.8	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
7	E	SE	SW	SW	SW	SW	19.1	52.8	103.6	15.8	191.3	10	Ci.-S.	Cu.-N.	9	A.-Cu. WSW	Cu.
8	Calm	SW	SW	SW	SW	SW	14.7	52.8	69.5	35.1	172.1	9	Ci.-S.	Cu.	9	Ci.-S.	Cu. SW
9	SW	SW	SW	SW	SW	SW	85.1	74.3	112.5	56	327.9	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
10	Calm	WSW	SW	SW	SW	SW	20.9	62.6	104.9	49.3	237.7	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.
11	SW	SW	SW	SW	SW	SW	54.5	76.7	61.7	55.3	248.2	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
12	S	SW	SW	SW	SW	SW	43.5	143.7	88.5	117.7	393.4	9	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. SW
13	SW	SW	SW	WSW	SW	SW	89.9	77	99.5	68.4	334.8	9	Ci.-S.	Cu.	6	Ci.	Cu.
14	SW	SW	SW	SW	SW	SE	20.1	39.2	56	26	141.3	8	Ci.-S.	Cu.	8	A.-Cu. E	Cu.
15	Calm	SW	E	E	W	N	20.9	39.6	41.2	26.4	128.1	9	A.-Cu.	Cu.	8	A.-Cu. E	Cu.
16	NE	NE	E	SW	W	W	29.3	38	46.4	14	127.7	8	A.-Cu. E	Cu.	9	Ci.-S.	Cu.-N. NE
17	NW	NW	NW	SW	NE	NE	18.8	35.1	79.9	21.9	155.7	9	A.-Cu.	Cu.	8	Ci. E	Cu.
18	NE	S	SW	SW	SW	SSW	25.1	63.1	90.1	66	244.3	10	------------	N.	8	A.-Cu. SW	Cu.
19	SW	SW	SSE	SW	SW	W	49.6	37.5	100.3	79.4	266.8	10	------------	N.	9	Ci.-S.	Cu.
20	S	SSW	S	SW	SW	S	66.2	36.7	41.5	44.6	189	9	A.-Cu.	Cu.	9	Ci.-S.	Cu.
21	SW	SW	SW	W	SW	SW	70.6	48.3	63.8	47.8	230.5	9	A.-Cu. E	Cu.	9	Ci.-S.	Cu.
22	W	W	SW	SW	SW	S	18.7	87.2	129.3	61.7	296.9	8	A.-Cu. W	Cu.	7	Ci.	Cu.
23	SW	S	SW	SW	SW	W	30.1	58.2	122.1	65.7	276.1	6	Ci.	Cu.	8	Ci.-S.	Cu. SW
24	SW	S	SW	SW	SW	SW	61.7	70.5	146.4	78.6	357.2	9	Ci.-S.	Cu. SW	8	Ci.-S.	Cu. SW
25	S	SW	W	SW	SW	SW	98	149.5	157.1	88.8	493.4	9	Ci.-S.	Cu. SW	9	Ci.	Cu. SW
26	SW	SW	SW	SW	SW	SW	128.7	196.1	195.5	138.6	658.9	10	Ci.-S.	Cu.-N. SW	9	A.-Cu.	Cu. SW
27	SW	SW	SW	SW	SW	N	161.7	171.2	177	75.8	585.7	9	A.-Cu.	Cu. SW	7	Ci.	Cu. SW
28	SW	SW	SW	SW	SW	SW	131.5	209.2	206.3	151.1	698.1	9	Ci.-S.	Cu. SW	9	Ci.-S.	Cu. SW
29	SW	SW	SW	SW	SW	SW	197.1	205	214	189.3	805.4	9	Ci.-S.	Cu. SW	9	A.-Cu.	Cu. SW
30	SW	SW	W	SW	SW	SW	101.2	144.5	156.1	100	501.8	9	A.-Cu.	Cu. SW	9	Ci.-S.	Cu. SW
31	S	SW	SW	SW	SW	SW	98	129	155.6	125.2	507.8	9	A.-Cu.	Cu. SW	10	Ci.-S.	Cu.-N. SW
Mean	------	------	------	------	------	------	57.9	80.6	100.5	63.8	302.8	8.7	------------	------------	8.5	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	9,385.4	----	------------	------------	----	------------	------------

ILOILO.

[ϕ=10° 42′ N ; λ=122° 34′ E ; barometer above sea, 6 meters ; gravity correction not applied, —1.84 mm.]

AUGUST, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.79	58.74	59.06	57.84	57.77	59.27	27	26.6	28.2	28	27.6	27.2	29.5	24.6	88	87	80	76	81	83	16
2	58.22	57.34	58.14	56.87	56.55	58.49	26.6	26	28.6	29.5	28.1	24.6	29.6	24.4	87	92	78	79	77	87	1.5
3	58.06	58.19	58.64	56.56	56.91	58.49	24.6	24.9	25.4	28.1	28.7	26.1	29.5	23.5	87	84	87	75	75	85	2
4	58.14	57.89	58.50	57.11	57.26	59.29	25.6	25.8	28.4	29.4	27.5	26.5	29.7	24	87	85	75	72	78	84	3
5	59.14	59.03	59.52	58.31	58.21	59.66	24.8	25.4	28.6	29.2	27.7	26.8	29.5	23.4	93	87	76	74	85	86	1
6	59.09	58.78	59.50	58.04	58.45	60.17	27	26.1	28.8	29.6	28.2	27.4	30	25.6	84	93	76	72	80	82	2.5
7	59.03	58.94	59.49	57.50	57.87	59.72	26.8	24	28.7	30.1	28.1	27.6	30.5	23.9	82	95	73	68	77	79	-----
8	59.29	59.23	59.91	58.24	58.37	59.90	25.4	25.5	29.5	28.8	28.1	27.4	30	24.4	93	92	75	73	73	77	-----
9	59.32	59.45	60.47	58.93	59.15	61.51	26	23.2	29	29.8	27.6	27	30.1	23	80	94	74	69	83	80	-----
10	60.07	59.79	60.44	58.76	59.10	60.91	26.5	23.5	29.4	29.8	28.4	27.8	30.5	23.5	84	92	71	72	73	79	-----
11	59.87	59.73	60.00	58.14	58.09	60.21	27.2	26.5	29	29	28.2	25.1	30	24.6	80	86	72	75	78	83	-----
12	58.89	58.91	59.04	56.92	57.27	59.38	24.4	23.2	29.1	29	28.6	26.1	30.5	23	88	93	71	75	76	88	-----
13	58.62	58.84	60.08	58.10	58.96	60.05	25	24.5	30.5	30.3	27.2	26.1	31.5	24.3	92	92	65	66	87	87	1
14	59.14	59.66	60.47	59.57	59.34	60.70	25	24.8	26.2	24.6	25.2	25.5	29	23.4	92	93	82	92	86	88	6.6
15	60.16	59.64	59.90	57.99	57.81	59.48	24.4	24.6	28.1	29.1	27.5	27	29.5	24	95	93	77	70	76	77	-----
16	58.92	58.49	58.25	57	57.36	58.59	25.4	24.6	29	29.5	27.1	26.6	29.9	23.5	87	92	71	76	69	86	-----
17	58.02	58.22	58.75	57.72	57.88	59.04	26.6	26.5	29	28.1	27	27	30.3	25.4	80	77	74	74	83	81	1.5
18	58.52	58.96	59.67	59.05	59.81	60.96	25.6	24	28	28	24.5	25	29	23.8	87	93	79	77	91	92	3.3
19	59.96	59.73	60.15	58.41	58.57	60.17	25.4	25.6	27	29.3	27.5	25	30.3	24.4	88	84	80	70	78	85	-----
20	59.07	58.90	58.95	57.15	56.96	58.61	24.5	24	29.8	29.5	28.5	27	31.2	23.5	87	92	66	75	74	84	-----
21	57.57	57.98	58.77	57.18	57.90	59.16	25.6	24.5	30.1	29.4	27.1	25.6	32	24.4	87	92	72	72	81	84	-----
22	58.67	58.64	58.72	57.11	57.95	58.97	24.8	24.2	30.5	32.5	24.5	25.6	33	22	89	93	63	54	87	85	11.7
23	58.38	58.34	58.79	56.67	57.46	58.87	25	24.6	30.5	31.9	29.7	26.6	32.5	24.4	88	90	71	58	67	87	-----
24	58.12	58.39	58.67	56.74	57.40	59.65	26	25.5	30.6	30.8	27.5	24.8	33	22.4	92	89	65	64	81	93	11.4
25	58.51	57.75	58.80	56.85	57.51	59.34	24.5	24.1	29.6	27.6	26	25	31.9	23.4	96	94	75	84	87	96	10.7
26	57.36	57.64	58.46	56.33	57.65	58.54	23.2	23.1	28.6	31.8	28	26	32.1	23	97	95	68	55	77	87	-----
27	57.82	58.23	59.23	56.76	57.60	58.96	25.2	24.6	29.8	33.1	29	27.4	34.1	24.2	90	92	70	46	71	84	.3
28	58.15	58.23	58.64	56.16	56.52	58.63	25.4	25	30.5	32.5	29.4	27	33	24.6	93	92	71	60	70	89	-----
29	57.37	57.28	58.31	56.13	56.44	58.42	25.4	25.1	31.1	32.5	29.5	27.2	33.6	24.8	93	91	66	56	77	84	-----
30	57.42	57.54	58.33	56.16	57.07	58.64	26.2	25	31.4	32.5	27.9	26	33.1	24.5	89	88	66	54	74	87	.3
31	57.69	57.48	58.18	56.03	57.02	59.07	25.8	24.6	31	32.7	27.5	26.5	34.4	24.4	85	92	67	52	76	81	-----
Mean	58.63	58.58	59.16	57.43	57.81	59.45	25.5	24.8	29.2	29.9	27.7	26.3	31.1	23.9	88.4	90.5	72.8	68.9	78.3	84.8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	72.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	SW	SW	SW	SW	101.4	137.6	138.4	97.4	474.8	8	Ci.	Cu.	9	A.-Cu.	Cu. SW
2	SW	SW	SW	SW	SW	NW	55.8	114.3	134.1	27.4	331.6	6	Ci.	Cu.	8	Ci.-S.	Cu.
3	NW	SW	WSW	SW	SW	SW	18.2	134.4	92.3	21.5	266.4	10	Ci.-S.	Cu.-N.	7	Ci.	Cu.
4	SW	SW	SW	SW	SW	SW	18.2	93.5	138.4	113.3	363.3	8	A.-Cu.	Cu. SW	7	Ci. NE	Cu.
5	SW	S	SW	SW	SW	SW	73.8	95.5	142.6	91.1	403	7	Ci. NE	Cu.	5	Ci.	Cu. SW
6	SW	SW	SW	SW	SW	SW	34.1	85.1	145.1	86.3	350.6	7	A.-Cu.	Cu. SW	2	Ci.	Cu.
7	SW	SW	SW	SW	SW	SW	28.5	64.2	111.6	74.6	278.9	6	Ci.	Cu. SW	3	Ci.	Cu.
8	SW	SW	SW	SW	SW	SW	16.9	101.4	125.3	75.4	319	5	A.-Cu.	Cu. SW	8	Ci.-S. ENE	Cu.
9	SW	SW	SW	SW	SW	SW	38	65	162.7	96.8	362.5	8	Ci.-S. E	Cu.	7	Ci. E	Cu.
10	SW	SW	SW	SW	SW	SW	26.2	98.5	166.7	99.5	390.9	5	Ci.	Cu.	7	A.-Cu. E	Cu.
11	SW	SW	SW	SW	SW	Calm	82.7	106.8	155.6	49.6	394.7	8	Ci.-S.	Cu. SW	7	Ci.	Cu.
12	W	W	SW	SW	SW	NW	23	67.3	116.5	37.2	244	4	Ci.	Cu.	7	A.-Cu.	Cu.
13	NW	NW	W	SE	S	SW	16.6	34.3	56.8	15.6	123.3	6	Ci. E	Cu.	7	Ci.-S.	Cu.
14	SW	SW	Calm	SW	SW	SW	15.6	31.6	50.2	47.8	145.2	9	A.-Cu.	Cu.-N.	10	Ci.-S.	Cu.-N. sw
15	Calm	Calm	SW	SW	SW	SW	37.6	70.8	111.5	84.8	304.7	8	A.-Cu.	Cu. SW	6	Ci.	Cu.
16	SW	SW	SW	SW	SW	SW	35.4	97.2	138.1	85.3	356	8	Ci.	Cu. SW	6	A.-Cu. W	Cu.
17	SW	W	SW	SW	SW	SW	64.9	114.8	123.1	78.4	381.2	8	A.-Cu.	Cu. SW	7	A.-Cu.	Cu. SW
18	S	WSW	SW	SW	NE	SW	66.8	105.2	84.2	73.4	329.6	9	A.-Cu.	Cu. SW	9	A.-Cu.	Cu.-N. sw
19	SW	SW	S	SW	NW	Calm	63.1	63.4	52.9	28.5	207.9	9	A.-Cu.	Cu.	8	Ci. E	Cu.
20	Calm	N	E	SW	SW	S	9.1	29.2	76.6	36.4	151.3	8	Ci.	Cu.	6	A.-Cu.	Cu.
21	S	SW	E	E	NW	NW	21.1	51.2	55	22	149.3	5	Ci.	Cu.	9	A.-Cu.	N.-cf.
22	NE	NE	NE	NE	Calm	NE	38.8	66.5	95.3	38.1	238.7	8	Ci.	Cu.	6	Ci.	Cu.
23	NE	N	NE	E	NE	N	43.1	77	97.1	56.9	274.1	9	A.-Cu. ENE	S.-Cu.	5	Ci.	Cu.
24	N	N	NE	E	N	N	52.6	70.2	69.4	57.1	249.3	5	Ci.	Cu.	7	A.-Cu.	Cu.
25	W	N	NE	W	N	N	38.8	57.4	37.5	41.8	175.5	8	Ci.	Cu.	9	Ci.-S.	Cu.-N.
26	N	N	NE	NE	N	N	44	28.4	49.4	16.6	138.4	9	A.-Cu. E	Cu.	8	Ci. E	Cu.
27	Calm	N	E	NW	W	W	15.3	40.2	45.9	16.3	117.7	2	Ci.	Cu.	4	Ci.	Cu.-N.
28	Calm	NE	E	E	E	Calm	22.8	45.9	75.3	28.4	172.4	8	Ci.	Cu.	7	Ci.-S.	Cu.
29	NE	N	E	E	E	E	42.6	53.9	74.2	34.1	204.8	8	Ci.-S.	Cu.	5	Ci.	Cu.
30	NE	NE	NE	E	N	N	36.7	52	66.8	36.8	192.3	9	Ci.-S.	Cu.	5	Ci.	Cu.
31	NE	N	NE	E	N	N	26.8	62	68.1	36.4	193.3	9	Ci.-S. E	Cu.	8	A.-Cu. E	Cu.
Mean	-----	-----	-----	-----	-----	-----	39	74.7	98.6	55	267.2	7.3	-----	-----	6.7	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	8,284.7	-----	-----	-----	-----	-----	-----

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6 meters; gravity correction not applied, —1.84 mm.]

SEPTEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.02	57.36	58.46	55.90	57.20	58.93	25.6	24.5	31.1	33	27	25	33.9	23.5	87	92	64	50	80	92	28.2
2	57.94	57.95	58.61	56.70	57.67	58.87	24.2	23.6	29.4	28.5	25	24.4	32	23.5	97	95	68	75	92	97	16.5
3	57.96	57.50	58.76	57.22	57.83	59.22	24.5	23.8	28	27.2	25.6	24.4	28.5	23.1	96	93	76	80	91	97	21.3
4	58.09	58.21	58.62	56.62	57.27	58.64	24	24.1	27.5	28.6	27.5	26.7	29	23.9	97	96	77	76	75	73	.8
5	57.72	57.54	58.24	56.59	57.45	58.64	24.2	25.6	28.6	28.5	24.5	26.3	29.7	23.6	90	79	68	73	87	77	.8
6	57.59	57.62	58.48	56.97	56.74	59.02	26	25.6	28.2	25.6	27	24.4	29.4	23.4	80	84	83	87	83	100	50.8
7	57.74	57.19	58.13	57.68	57.76	58.84	25.6	25	26.6	23	24	25.6	28.6	22.5	95	85	92	97	91	83	19.8
8	57.38	57.02	58.09	56.54	57.22	58.14	26.4	26.6	28.6	25	26.5	26.7	30.2	23.5	77	77	77	85	80	76	3.6
9	57.42	57.49	58.20	56.69	57.42	58.98	25.8	26	28	28.2	27.6	28	29.4	24.4	78	76	80	80	84	81	59.4
10	58.74	58.75	59.31	57.67	58.12	59.27	24.2	23.5	27.2	28.6	28.2	27.6	29.5	21.9	97	92	77	78	80	84	1
11	57.93	57.91	59.35	57.07	57.47	58.74	27	27.6	25.5	26.6	27	26.2	28	23.8	84	80	92	92	77	82	16.3
12	57.24	57.10	57.77	55.84	56.83	58.10	26.6	26.5	27.4	28.8	26.6	26.6	29.5	24.1	80	80	78	73	83	83	3.3
13	57.02	56.78	57.49	55.76	56.23	57.22	25.8	26	29.2	29	26.4	26	29.7	24	85	88	76	78	82	85	45.5
14	56.57	55.92	56.10	54.87	55.54	56.54	24.6	25.2	27.2	29.4	26.4	27.2	30	23.5	95	90	81	78	82	86	27.2
15	55.92	55.23	56.67	55.26	55.86	57.09	25.5	26.9	29.2	29.5	27.6	26.6	30	22.9	96	90	76	75	80	80	.8
16	56.15	56.98	56.99	55.40	56.66	58.26	26.6	27.5	29.2	28.9	26.6	26	30.1	25.5	80	84	79	76	80	90	5.8
17	57.24	57.38	58.25	56.67	56.87	58.04	24.5	23.5	27.6	25.6	25.4	24.5	28.4	23.4	92	85	81	87	90	100	47
18	56.63	56.61	57.63	55.53	56.24	57.09	25.8	27.2	26.4	26.9	27.2	27.6	28	22.5	89	79	92	90	84	83	23.6
19	56.29	56.89	58.62	55.82	56.77	57.82	27.4	26.5	25	28.5	27.4	25.6	28.9	24.2	81	80	92	78	81	91	3.3
20	57.55	57.89	58.44	56.74	57.85	58.85	25	25.6	26.8	29.1	26.8	25.8	29.9	24.4	92	87	82	77	87	86	.8
21	58.04	58.51	58.99	57.15	58.76	60.08	24.2	23.4	29.6	29.6	28	25.6	30.4	23.1	90	93	79	72	82	87	------
22	59.59	59.93	60.05	57.75	58.56	60.40	25.2	24.1	29.5	30	27.6	26	31.5	23.8	86	91	70	75	83	89	------
23	59.42	59.63	60.30	58.60	59.52	59.64	25.8	25	29.5	24.1	24.2	24.6	31.6	23.4	89	92	72	94	86	92	22.6
24	58.09	58.60	59.16	57.46	58.23	59.20	24.2	24.5	27.8	27.5	26	26	28.8	23.5	94	92	82	79	84	87	1
25	58.08	58.08	59.45	57.23	57.84	59.58	25.8	25.5	23.6	25.5	25	25.4	26.6	23	89	91	99	92	92	90	68.1
26	58.54	59.61	60.83	59	59.27	61.80	24	22.5	25.5	28	26	26.2	28	22.5	93	99	92	83	82	84	4.6
27	61.22	61.97	62.00	59.83	61.51	62.42	25.5	25	29	30.6	24.2	24.5	31.6	23.4	88	90	68	65	91	96	.8
28	61.08	61.13	61.54	59.56	58.98	59.98	24	23.1	28.4	28.2	26.2	25	30.6	23	96	96	77	77	86	95	.5
29	58.74	58.26	58.41	56.50	57.32	57.71	24.2	23.6	29.9	28.5	25.2	24.6	31.2	23	95	96	69	75	88	91	10.2
30	56.96	57.22	58.60	55.96	57.04	57.97	24	23.1	26.6	28.6	24.6	24.6	30.5	22.9	96	96	84	79	91	85	10.9
Mean	57.90	57.94	58.72	56.89	57.60	58.80	25.2	25	27.9	28	26.2	25.8	29.8	23.4	89.5	88.3	79.4	79.2	84.5	87.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	494.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	E	27.2	46.7	61.8	30.4	166.1	9	Ci.-S.	Cu.	7	Ci.	Cu.
2	NE	NE	NE	N	SE	N	35.4	25.7	54.4	32.8	148.3	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. NE
3	NE	NE	NE	SW	SW	SE	48.8	38	93.9	20.9	201.6	9	A.-Cu.	Cu.	9	A.-Cu. E	Cu.
4	Calm	Calm	SW	SW	W	SW	26.4	64.9	140.6	85.9	317.8	9	A.-Cu.	Cu.	9	Ci.-S. E	Cu. SW
5	SW	SW	SW	SW	W	SW	149.7	126.6	143.7	108.4	528.4	9	A.-Cu. NE	Cu.	9	Ci.-S.	Cu.
6	SW	SW	SW	SW	SW	SW	67	89.8	115.1	107.8	379.7	7	Ci.	Cu.	10	Ci.-S.	N. SW
7	SW	SW	SW	SW	SW	SW	123.6	88.2	106.7	133.4	451.9	10	Ci.-S.	Cu.-N. W	10	------	N.
8	SW	SW	SW	WSW	SW	SW	98.7	101.6	120.5	66.5	387.3	9	A.-Cu. E	S.-Cu.	10	Ci.-S.	N.
9	SW	SW	SW	SW	SW	SW	118.1	103.2	124.9	81.6	427.8	9	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu. SW
10	W	SSE	SW	SW	SW	SW	55.8	67.8	125.5	92.2	341.3	10	A.-Cu.	S.-Cu.	9	A.-Cu. NE	Cu.
11	SW	SW	SW	SW	SW	SW	110.4	77.7	108.4	33.8	330.3	9	A.-Cu.	Cu.-N. SW	9	Ci.-S.	Cu.
12	SW	SW	SW	SW	WSW	WSW	82.3	114.5	137.1	108.1	442	9	Ci.-S.	Cu.	8	A.-Cu. W	Cu.
13	SW	S	SW	SW	SW	SW	79.1	106	129.7	88.3	403.1	8	Ci.	Cu.-N. SW	4	Ci.	Cu.
14	W	W	W	SW	W	SW	54.4	108.3	125.2	71.4	359.3	10	A.-Cu.	Cu.-N.	4	Ci.	Cu.
15	SW	SW	SW	SW	W	SW	75.6	137.3	133.6	98	444.5	9	Ci.-S.	Cu.-N. W	9	Ci.-S.	Cu.
16	W	SW	SW	W	W	W	63.6	123.4	92.5	27.2	306.7	9	A.-Cu.	Cu.	8	Ci.-S.	Cu.
17	SW	W	SW	SW	S	S	69.7	125.3	111	76.6	382.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
18	S	SW	SW	SW	SW	SW	97.6	95.5	104.8	85.5	383.4	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. SW
19	SW	S	SW	SW	W	SW	103.2	114.8	99.2	34	351.2	10	A.-Cu.	Cu. SW	9	Ci.-S.	Cu.
20	Calm	SW	SW	SW	W	W	10	30.6	66.6	14.2	121.4	9	Ci.-S.	Cu. SW	9	Ci.-S.	Cu.
21	W	W	SW	SW	SW	W	14.8	43.3	107.3	33.6	199	6	Ci.	Cu.	8	Ci.-S. E	Cu.
22	Calm	W	W	SW	Calm	Calm	14.2	30.1	71.1	16.6	132	2	Ci.	Cu.	5	Ci.	Cu.
23	Calm	NNW	N	SE	E	N	20.6	43.1	49.6	26.6	139.9	8	Ci.	Cu.	10	Ci.-S.	Cu.-N.
24	Calm	SE	SW	SW	SW	SW	26.9	65.5	106.8	39.7	238.9	9	A.-Cu.	Cu.	9	Ci.-S.	Cu.-N.
25	SW	S	SW	SW	SW	SE	58.1	85.6	70.3	47.8	261.8	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. SW
26	SW	W	S	SW	SW	SW	37.6	65.4	126.9	79.7	309.6	10	Ci.-S.	Cu.-N.	10	A.-Cu.	Cu. SW
27	SW	SW	NW	SE	N	N	23.5	28.2	64.7	16.3	132.7	7	A.-Cu. NE	Cu.	7	Ci.	Cu.
28	Calm	Calm	NE	SW	SW	SW	19.6	24.1	48.5	20.3	112.5	7	Ci.	Cu.	8	A.-Cu.	Cu.
29	W	W	NE	NW	W	NW	12.7	37.5	36.8	24.1	111.1	7	Ci.	Cu.	9	A.-Cu.	Cu.-N. N
30	N	NNW	E	N	NE	NE	28.5	44.5	49.7	27.9	150.6	9	Ci.-S.	Cu.	9	Ci.-S. E	Cu.
Mean	------	------	------	------	------	------	58.4	75.1	97.6	57.7	288.8	8.6	------	------	8.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	8,662.8	------	------	------	------	------	------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6 meters; gravity correction not applied, −1.84 mm.]

OCTOBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.56	57.94	58.71	56.44	57.91	59.46	23.8	23.6	28.8	30	26.6	24.5	30.9	23.5	97	97	73	61	87	92	13
2	57.84	57.98	58.63	56.64	57.51	58.71	24	24	25.4	25.7	23.6	25	28.4	23.5	97	96	93	88	99	92	41.1
3	57.44	57.40	58.03	56.46	57.25	58.12	24.8	26.6	26.6	27.2	25.8	26	28.5	23.3	93	84	84	79	85	85	56.1
4	57.21	57.98	57.57	55.60	56.38	57.39	24.8	24.4	26.8	27.2	26.1	25.6	28.5	23	93	98	80	84	91	87	19.3
5	56.58	57.05	57.73	55.90	56.48	58.44	25	24.8	25.2	24.5	27.4	23.4	28.2	22.2	92	92	92	92	81	97	82
6	56.74	56.74	58.18	56.91	57.59	58.39	24.6	25	26.6	26.5	26.9	26.8	27.5	23	93	90	85	84	81	84	22.1
7	58.33	58.44	59.16	57.59	58.25	59.86	22.8	24.4	27.6	28.7	28	26.4	29.5	22.6	98	95	84	78	71	85	------
8	58.84	59.07	59.93	57.44	58.99	59.86	25.8	26.1	28.9	30	24.4	24.5	30.1	24	92	91	71	77	90	91	1.5
9	58.74	59.31	60.01	56.99	57.92	59.60	24.2	24	27.5	30.2	28.2	25.4	30.7	23.8	91	93	84	65	72	87	1
10	58.52	58.69	59.14	56.42	56.67	57.72	24.6	24.4	28.4	28.1	26.6	25.8	30.5	23.6	91	93	75	79	87	93	.5
11	56.71	57.05	58.24	56.02	57.91	59.62	25	24.2	29.6	32.2	27	25	32.4	24	92	93	71	60	80	95	5.6
12	58.71	58.81	59.75	57.54	58.24	59.95	24.7	24	29.6	31	28.4	25.6	31.2	23.5	94	91	77	62	77	89	------
13	59.08	59.30	59.97	57.02	57.75	59.09	24.8	25.4	28.4	31.5	28.4	26.5	31.9	24.2	93	90	82	54	78	89	------
14	58.02	58.18	59.10	56.41	56.81	58.13	25.4	25	30.5	30	27.5	24.6	32	24.5	92	92	66	73	84	91	3.3
15	56.85	56.74	57.76	55.22	55.96	56.82	23.6	23.1	30	32	28.2	26.1	32.4	22.8	91	91	67	61	80	94	------
16	55.88	55.86	56.72	54.46	54.55	55.25	25	24.5	29.1	29.7	28.4	28	30.5	24.4	94	92	74	71	75	81	------
17	54.22	54.63	55.22	53.43	54.33	55.31	27.3	27	29	29.5	28.3	28	30	25	81	81	75	75	77	79	.5
18	54.72	55.12	56.44	54.70	55.72	57.38	27.8	28	28.9	28.4	26.6	25.4	30.4	24.5	79	78	80	77	89	95	20.1
19	56.14	56.59	57.59	55.72	57.32	58	25.8	26	29	29.5	24.5	25.5	29.9	24.1	93	92	81	76	92	93	4.8
20	57.34	58.29	58.87	56.88	57.80	59.58	24.8	24.2	29.2	29.6	28.2	25.6	30.6	24	93	91	78	74	83	91	------
21	59.04	59.74	59.90	57.53	58.87	59.52	24.8	25	29.9	30.7	26.4	24.6	32.4	23.8	93	92	69	71	99	93	8.9
22	58.96	59.45	59.57	56.78	57.67	58.23	24.5	23.6	29.5	31.1	28	26.5	32.7	23.5	94	95	69	68	83	93	------
23	56.71	56.20	57.45	55.46	56.04	57.20	25	24.5	28.5	28.6	26.1	26	29.2	24	93	94	75	76	93	89	15
24	56.33	56.83	58.61	56.41	58.31	59.73	25.4	26	27.2	29.1	27.4	25	29.9	23.9	93	90	90	73	80	92	5.6
25	58.69	59.63	59.49	57.61	58.83	59.77	24.7	24.5	29.2	30	27.2	26	30.8	24.2	94	96	75	72	87	92	.8
26	59.08	59.28	59.70	57.10	57.68	59.27	25	24.5	29.6	31.5	28	25.6	32	24.4	93	96	72	57	77	92	4.8
27	57.58	57.58	58.56	55.70	56.89	58.04	25.6	25.5	30	31.6	27.7	25	31.7	24.6	92	92	74	59	82	92	13.7
28	56.24	56.31	58.07	56.31	57.38	58.96	25.1	25.1	28.5	29	26.4	26.5	31	24.6	91	91	74	68	84	87	4.1
29	58.07	58.48	59.44	56.59	57.89	58.88	25	25	29	31.4	25.6	24.4	32.1	23.8	92	92	74	61	93	92	19
30	58.36	57.94	58.62	56.38	57.21	59.20	23.8	23.6	30.4	30.5	28	26	31.6	23	93	90	69	67	77	81	------
31	58.04	58.38	59.04	57.35	58.37	60.17	25.2	25	30	31.5	28.5	25.9	31.6	24.6	86	88	66	57	71	84	------
Mean	57.50	57.77	58.55	56.36	57.31	58.57	24.9	24.9	28.6	29.6	27	25.7	30.6	23.8	92	91.5	76.7	70.9	83.4	89.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	342.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	E	E	S	NE	24.9	42	54.5	35.9	157.3	9	Ci.-S.	Cu.	9	A.-Cu.	Cu.
2	Calm	N	Calm	SW	SW	SW	18	39.2	107.2	82.1	246.5	10	------	N.	9	Ci.-S.	Cu.-N.
3	SW	SW	SW	SW	SW	SW	125.7	116.5	135.7	130.4	508.3	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. SW
4	W	SW	SW	SW	WSW	SW	82.9	127.4	114.8	71.9	397	10	------	N.	9	Ci.-S.	Cu.
5	SW	SW	SW	SW	W	SW	115.4	91.5	127.1	------	------	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. SW
6	W	WSW	SW	SW	SW	SW	------	------	144.2	83.4	------	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
7	W	SW	SW	SW	SW	Calm	69.2	70.8	107.5	21.1	268.6	9	Ci.-S.	Cu.	7	Ci.-S.	Cu.
8	SW	SW	SW	SW	N	Calm	29.8	56.8	82.3	22	190.9	9	A.-Cu.	Cu.	7	Ci.	Cu.
9	Calm	Calm	NNE	E	E	Calm	12.4	25.4	35.6	31.1	104.5	9	A.-Cu.	Cu.	9	A.-Cu. NE	Cu. NW
10	NE	Calm	NE	SW	SW	Calm	26.9	22.8	65	20.3	135	9	A.-Cu.	Cu.	9	A.-Cu.	Cu.
11	E	NE	NE	ENE	S	NW	30.9	52	54.4	37.6	174.9	5	Ci.	Cu.	7	A.-Cu. E	Cu.
12	N	N	NE	E	ENE	N	38.8	61.5	79.1	55	234.4	6	A.-Cu.	Cu. NE	2	Ci.	Cu.
13	N	N	E	E	NE	NE	39.2	61.7	82.4	36.4	219.7	5	Ci.	Cu. ENE	6	Ci.-S.	Cu.
14	NE	NE	NE	ENE	NE	NE	39.6	63.1	51.7	35.7	190.1	8	A.-Cu.	Cu. NE	8	Ci.-S.	Cu. NE
15	NE	N	NE	E	W	Calm	44	51.7?	43.7	9.4	148.8?	8	Ci.	Cu.	8	Ci. E	Cu.
16	Calm	W	W	SW	SW	SW	11.8	27.9	95.8	127.7	263.2	8	Ci.	Cu.	9	Ci.-S.	Cu.
17	SW	SW	SW	SW	SW	SW	165.6	197	221.6	198.6	782.8	8	Ci.-S.	Cu.	7	Ci.-S.	Cu. SW
18	SW	SW	SW	SW	SW	SW	161.7	143.7	154.2	78.9	538.5	9	Ci.-S.	Cu. SW	9	A.-Cu.	Cu. SW
19	SW	S	SW	SW	SW	Calm	74.5	93.6	122.9	26	317	9	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu.
20	NW	SW	SW	SW	SW	NW	16.6	39.9	70	23.3	149.8	3	Ci.	Cu.	6	Ci.	Cu. SW
21	NW	Calm	E	SW	NE	Calm	17.5	28.2	56.5	19.3	121.5	7	A.-Cu.	Cu.	6	A.-Cu.	Cu.-N.
22	NE	NE	NE	W	Calm	Calm	14.8	41	55.8	15	126.6	8	Ci.-S.	Cu.	7	Ci.	Cu.-N. N
23	Calm	Calm	SW	W	Calm	SW	15	40.2	46.4	104.6	206.2	9	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu. NW
24	SW	SW	SW	SW	SW	W	77.5	92.2	95.6	30.6	295.9	10	Ci.-S.	Cu.-N.	9	Ci.	Cu.
25	W	W	SW	SW	SW	Calm	18.2	29.2	75.4	18	140.8	9	A.-Cu.	Cu.	4	Ci.	Cu.
26	NW	NW	NE	NE	NE	NE	32.7	78.3	92.7	66.5	270.2	4	Ci.	Cu.	9	Ci.-S. E	Cu.
27	NE	N	NE	NE	NE	N	82.1	109.9	112	79.2	383.2	10	Ci.-S.	Cu.-N. NE	4	Ci.	Cu.
28	NE	NE	E	SSE	SSE	S	95.8	58.9	62.5	26.6	243.8	9	A.-Cu.	Cu.-N. E	9	Ci.-S.	Cu.-N.
29	Calm	Calm	SE	E	E	NE	16.1	33.3	64.1	52.6	166.1	9	A.-Cu.	Cu.	9	Ci.-S.	Cu.-N.
30	NE	N	NE	E	NE	NE	48.3	69.7	76.9	54.7	249.6	8	A.-Cu.	Cu. NE	9	Ci.-S.	Cu.
31	N	N	N	NE	NE	NE	68.2	84	67.8	47.5	267.5	8	Ci.	Cu.	8	Ci.	Cu.
Mean	------	------	------	------	------	------	53.8	68.3	88.9	54.7	258.6	8.2	------	------	7.8	------	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6 meters; gravity correction not applied, —1.84 mm.]

NOVEMBER, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.91	59.09	59.91	57.41	58.32	59.75	25	24.5	30.4	30.6	25.6	26	32.4	24.1	88	92	63	62	87	87	3.3
2	58.94	59	59.37	57.09	57.60	58.97	24.8	23.5	29.6	29.9	27	25	31	23.4	89	91	66	65	80	87	------
3	58.40	58.57	59.36	56.60	57.36	58.22	24.2	23.4	29.6	29.4	26.6	25.3	31.4	23.1	90	92	67	69	84	89	.8
4	57.50	57.55	58.32	55.86	56.79	58.10	24.2	23.8	30	29.7	26.6	25	31.1	23.6	91	93	71	70	89	86	.3
5	56.46	56.65	57.82	56.14	55.99	57.12	24.2	24	27.8	24.4	26.2	25.4	29.4	23.1	90	90	77	96	92	92	22.1
6	55.64	55.21	55.46	51.53	50.79	51.70	24.8	24.4	23.5	25.7	24.8	25	26.8	23.2	93	91	100	90	97	100	130.7
7	52	54.05	56.40	54.29	56.29	57.34	26.2	24.8	23.7	26.2	26	24.7	27.2	22.2	94	97	99	86	85	90	43.2
8	57.06	57.19	58.12	55.84	57.11	58.74	24.4	23.6	28.8	28.6	26.5	25	30.1	23.5	97	97	73	78	83	96	4.1
9	58.05	58.60	59.32	57.65	59.34	60.21	25	24.4	29	28	25	24.7	29.6	24.1	96	97	74	74	92	96	6.1
10	59.41	60.27	60.72	58.19	59.27	60.90	24.8	24.5	27.5	28.6	27.1	23.6	29.4	23.4	92	92	81	71	80	96	19
11	60.22	60.77	61.06	58.72	59.12	60.41	24	23.5	27.8	28.5	26.6	25.8	29.5	23.4	93	92	76	74	84	92	------
12	59.17	59.81	60.38	58.21	59.24	60.88	24.8	24	26.2	30.6	26.5	25.3	30.6	23.6	89	93	90	64	85	86	4.3
13	59.76	59.45	59.99	58.17	58.77	59.34	24	23.5	30.4	25.7	25.8	24.4	31.6	23.5	93	96	66	84	90	93	9.4
14	57.54	57.01	57.40	55.32	54.96	54.36	24	24.5	26.3	25.5	23.6	25.4	26.6	23.4	96	94	79	92	95	79	4.7
15	53.46	53.97	55.16	53.76	54.84	56.34	25.6	25.5	27	28	26.6	25.6	28.7	23.8	79	80	77	69	77	91	5.3
16	55.74	55.99	56.93	55.09	56.29	57.21	25.4	25.1	25.6	26.1	24.6	24.8	28.1	23.5	93	92	92	91	95	90	30
17	56.81	56.90	57.62	55.76	56.81	58.25	23.6	23.5	28	29.1	27.5	24.5	29.5	23	95	97	81	76	82	96	6.4
18	57.40	57.23	58.15	56.45	57.40	58.02	24.2	25.1	27.5	27.4	25.2	26.4	28.9	23.5	94	88	79	77	93	86	26.5
19	57.32	57.79	58.45	56.42	56.93	57.99	25.5	23.6	27	28.6	27.1	26.4	29.1	23.5	96	98	84	77	83	90	6.9
20	57.18	57.65	58.45	56.64	57.67	59.09	25	24.9	28	28.1	27.4	25.3	29.9	24.5	93	92	77	77	77	93	------
21	58.04	58.41	59.22	57.46	59.04	59.82	25	24.4	29	29.4	25.5	24.5	30	24	93	95	74	70	89	94	9.4
22	59.04	59.32	60.10	57.46	58.52	59.71	24	23	29.1	32.2	28	26	32.2	22.6	96	96	67	59	76	89	16.8
23	58.37	58.65	59.42	56.83	57.83	59.19	24.8	23.8	29.8	31.1	27.2	25.5	31.5	23.5	93	93	73	61	87	89	.3
24	58.54	58.56	59.44	56.86	57.75	59.07	24.6	24.5	30	31.1	27.4	25	31.5	24	95	92	71	51	70	87	------
25	58.26	58.53	59.30	57.31	58.02	58.99	24.9	24	30.1	30.7	26	24	30.9	23.5	88	90	64	60	84	95	9.9
26	58.06	58.17	59.21	56.72	57.63	58.78	23.8	23.8	28.8	30.5	26.1	25.1	30.5	23.4	95	93	72	62	83	89	------
27	58.20	58.65	59.65	58.13	58.45	59.71	24.6	24.5	25.5	23.8	24	24	26.5	23.4	92	92	93	97	90	96	19
28	58.96	59.15	59.92	57.97	58.30	59.31	23.8	23.5	28.8	28.6	26.1	25	29.6	23.4	93	92	76	78	86	90	------
29	58.40	59.25	60.40	58.44	58.88	59.79	24.5	24	27.6	31.1	26.8	24.8	31.4	23.6	92	93	76	58	80	89	------
30	59.30	59.38	59.97	57.78	58.62	59.91	24.4	24.4	29.9	31.1	26.4	25	31.1	24	91	92	65	59	85	92	1.3
Mean	57.74	58.03	58.83	56.67	57.46	58.57	24.6	24.1	28.1	28.6	26.2	25.1	29.9	23.5	92.3	92.7	76.8	73.2	85.3	90.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	379.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	N	NE	N	NW	Calm	60	65	73.4	28	226.4	8	A.-Cu.	Cu. ENE	4	Ci.	Cu.
2	NE	NE	NE	NE	NE	N	48.9	76.2	88.8	48.6	262.5	8	Ci.-S. E	Cu.	8	Ci.-S. E	Cu.
3	N	N	NE	N	NE	N	37	46.2	47.3	20.3	150.8	2	Ci.	Cu.	8	A.-Cu. NE	Cu.
4	Calm	NE	NE	N	N	NE	30.9	60.4	54.7	52	198	8	Ci.-S.	Cu.	8	Ci.-S. NE	Cu.
5	NE	NE	N	N	Calm	E	41.5	52.6	34.6	27.1	155.8	8	A.-Cu. NE	Cu.	9	Ci.-S.	Cu.-N.
6	NE	Calm	W	W	WSW	SW	20.1	43.5	98.2	254.8	416.6	10	------	N.	10	Ci.-S.	Cu. NW
7	SW	SW	S	S	S	S	206.2	106.5	94.3	71.1	478.1	10	------	N. SW	9	Ci.-S.	Cu. SW
8	SW	Calm	SW	SW	SW	SW	23.6	52.1	88	30.4	194.1	8	A.-Cu.	Cu.	6	Ci.	Cu. SW
9	Calm	Calm	SW	SW	SE	Calm	14.2	40	48.3?	16.6	119.1	9	A.-Cu. E	Cu.	9	A.-Cu.	Cu.
10	Calm	NE	SW	SW	SW	NW	14	48.9	73	40.4	176.3	9	Ci.-S.	Cu.-N. SW	5	A.-Cu.	Cu.
11	NW	NW	N	NE	E	Calm	23.3	38.1	37.2	32.4	131	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
12	NE	NE	E	E	NE	N	43	61.7	92.5	55	252.2	9	Ci.-S.	Cu.	7	Ci.-S. E	Cu.
13	N	N	NE	NE	NE	N	44	67.4	52.1	40.2	203.7	4	Ci.	Cu.	9	A.-Cu.	Cu.-N. NNE
14	NE	NE	Calm	NE	NE	SW	38.6	18.2	23.5	69.2	149.5	9	Ci.-S.	Cu.	10	------	Cu.-N.
15	WSW	SW	SW	SW	SW	SW	153.7	193.7	160.1	100.9	608.4	9	Ci.-S.	Cu.-N. SW	5	A.-Cu.	Cu.
16	S	S	SW	SW	SW	SW	64.9	109.4	102.7	32.5	309.5	10	A.-Cu.	Cu.-N. SW	9	A.-Cu.	Cu.-N.
17	SW	Calm	SW	SW	SW	WSW	34.9	34.3	80.5	52.5	202.2	9	A.-Cu.	Cu.	9	A.-Cu. SW	Cu.
18	SW	S	S	SW	SW	SW	93.9	76.9	------	------	------	10	Ci.-S.	Cu.-N. SW	9	A.-Cu. E	Cu.
19	SW	SW	SW	SW	SW	SW	------	------	------	------	------	9	Ci.-S.	Cu.-N. SW	7	Ci.	Cu.
20	SW	SW	SW	SW	SW	SW	------	------	------	------	------	7	Ci.-S.	Cu. SSW	8	Ci.-S.	Cu.
21	Calm	SW	SW	SW	SE	SE	------	------	------	------	------	7	A.-Cu. NE	Cu.	6	Ci.	Cu.
22	Calm	Calm	SE	SW	NW	E	------	------	------	------	------	1	Ci.	Cu.	4	Ci.	Cu.
23	NE	NE	NE	E	NE	NE	------	------	------	------	------	7	Ci.	Cu.	5	Ci.	Cu.
24	NE	N	NE	NE	NE	NE	------	------	------	------	------	5	Ci.	Cu. NE	2	Ci.	Cu.
25	N	N	NE	NE	NNE	N	------	------	------	------	------	7	Ci.-S.	Cu.	2	Ci.	Cu.
26	N	N	NE	NE	N	N	------	------	------	------	------	7	Ci.	Cu. NE	7	A.-Cu. ENE	Cu.
27	N	N	N	N	N	N	------	------	------	------	------	9	A.-Cu.	Cu. NE	10	------	N.
28	N	N	NE	N	N	N	------	------	------	------	------	9	A.-Cu.	Cu.	9	A.-Cu.	Cu.
29	N	N	NE	NE	NE	N	------	------	------	------	------	8	A.-Cu.	Cu.	8	A.-Cu.	Cu.
30	N	N	NE	NE	N	N	------	------	------	------	------	7	A.-Cu. E	Cu.	6	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	55.2	66.2	73.5	57.2	249.1	7.7	------	------	7.2	------	------

ILOILO.

[ϕ=10° 42′ N ; λ=122° 34′ E ; barometer above sea, 6 meters ; gravity correction not applied, —1.84 mm.]

DECEMBER, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.85	59.11	59.62	57.60	58.87	59.41	24	23.9	28.5	30	25.5	24.7	31.6	23.5	95	93	75	70	88	91	
2	58.44	58.84	59.32	56.71	57.09	58.30	24.6	24.1	29.5	30.6	26.6	25	30.8	24	92	94	69	65	84	97	
3	57.16	57.55	58.12	55.35	57.02	57.31	24.4	23.9	28.5	31	25.6	24.6	31	23.5	95	93	73	60	88	92	
4	56.06	56	56.43	54.75	55.59	56.53	24.6	24.1	28.5	29.6	26.4	24.3	30.8	23.8	91	94	70	68	81	92	2.3
5	55.81	56.16	56.94	55.36	56.55	57.74	24	23.9	28.6	29.5	25.6	23.6	30.2	23	91	89	64	56	78	78	.6
6	57.05	57.41	57.98	55.71	56.52	57.60	22.1	21.6	27.3	29	25.6	24	30	21.1	86	87	68	60	79	91	
7	57.20	57.25	58.26	56.74	57.42	57.30	24	23.9	25.5	27	25.5	24.1	27.4	23.5	91	91	84	77	85	91	
8	56.76	56.71	57.85	55.73	56.57	57.74	23.8	23.4	26.5	28.6	25.6	24.1	29.4	23.1	93	91	77	69	82	95	3.8
9	57.04	57.11	58.31	56.06	57.48	58.14	23.8	23.4	28.6	29.6	24.5	24.1	30	23	93	93	71	64	94	95	.3
10	57.26	57.51	58.56	56.04	56.98	58.57	23.5	23.1	28.6	31.1	27.4	23.4	31.1	22.6	96	96	75	62	78	97	5.1
11	57.50	57.64	58.64	56.21	57.81	59.91	23.6	22.6	27.1	28.9	25.7	24.1	29.6	22.5	95	97	82	74	90	94	18.8
12	58.70	58.26	58.96	56.57	57.84	59.24	23.7	23.5	27.6	28	26.2	24	28.8	23	96	96	79	74	82	97	10.7
13	58.44	59.09	59.92	57.60	58.33	59.73	22.9	23.1	25	27.5	26.4	24	29.1	22.6	96	94	84	70	77	86	
14	58.87	58.51	59.28	57.56	58.36	59.59	23.2	23.4	28.5	30.3	27.1	24.5	30.5	22.6	91	91	71	62	72	84	1.6
15	59.41	59.28	60.57	58.29	60.59	60.94	24	22.4	29.4	31	22.5	23	31.1	22.1	91	88	65	56	99	97	
16	60.34	60.55	60.63	57.87	58.81	60.04	23	22.5	28.7	29	27	24.5	31	22.4	95	92	75	75	78	92	75.4
17	59.46	59.51	60.29	57.85	59.06	59.44	24	24	28.8	26.7	27	25	31	23.5	95	91	73	86	80	88	
18	58.70	59.31	59.89	57.28	58.36	59.40	23.9	23.5	24.6	25.4	24.4	23.9	27.3	23	92	94	88	88	89	89	8.6
19	58.16	58.54	59.76	57.25	58.12	58.48	23	22.7	23.6	22.6	22.7	21	25	20.4	91	90	80	90	81	94	3.6
20	57.27	57.72	58.07	55.38	56.14	56.96	20.4	20.6	23.1	24.5	24	24	25.3	20	96	96	89	88	96	95	29.2
21	56.30	56.54	57.02	55.84	56.80	57.15	23.6	24.1	26.7	24.6	24.8	24.3	27.8	23.1	95	96	83	95	97	97	5.9
22	56.66	57.14	58.46	56.33	57.71	58.76	24.2	24.2	26.6	24	23	23.8	28.1	22.2	94	94	87	97	100	97	4.8
23	58.36	58.72	59.72	57.74	58.91	60.09	23.4	23.2	27.6	28.5	26.5	24.2	29.1	23	97	97	77	77	88	93	57.9
24	58.70	59.50	61.03	58.40	59.33	60.54	23.8	23.6	26.5	29	25.4	23.9	29.5	23	95	96	79	68	84	91	6.9
25	59.52	60.67	61.66	58.76	60	61.43	23	23	27.6	30.1	25.4	23.7	30.6	22.6	96	95	76	63	85	98	
26	60.14	60.48	60.93	59.60	61.12	61.82	24	23.6	28.5	27	24.6	24	29.6	23.4	97	95	66	78	87	87	1.3
27	61.30	61.45	62.78	61.30	61.63	62.83	23.2	23.1	25.2	26.2	24.5	24	27.5	22.5	91	91	90	81	91	92	5.3
28	61.54	61.44	62.18	60.10	60.83	62.17	24	23.9	28.4	30.5	26.6	24	30.5	23.5	91	92	72	56	78	91	.9
29	61.22	61.16	61.81	59.53	59.86	61.10	24.2	23.5	29	29.6	27	25	30.9	23.1	90	92	71	66	80	92	
30	59.74	60.01	60.21	57.99	58.57	59.82	24.4	24	28.6	29.6	27.1	24.4	30.7	23.9	93	95	75	66	77	91	2
31	58.60	58.70	59.18	57	57.68	58.79	24	24	27.5	29	26.4	24.1	29	23.5	93	91	78	68	84	91	
Mean	58.41	58.64	59.43	57.24	58.26	59.25	23.6	23.3	27.4	28.6	25.6	24	29.5	22.8	93.3	93	76.3	71.9	84.9	92.1	
Total																					245

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	N	2	N	3	NE	2	N	2	4	Ci.	Cu.	7	Ci.	Cu. N
2	N	1	N	2	NE	2	E	2	N	2	NE	1	8	Ci.-S.	Cu.	5	Ci.	Cu.
3	N	0	N	0	N	1	E	1	N	2	N	2	7	Ci.	Cu.	7	Ci. ESE	Cu.
4	N	1	N	1	NE	2	N	2	NE	1	N	1	6	Ci.	Cu.	8	Ci.-S.	Cu.
5	NE	2	N	2	NE	3	NE	3	NE	3	NE	2	9	A.-Cu.	Cu.	8	Ci.-S.	Cu. N
6	NE	1	NE	1	NE	2	N	3	NE	3	NE	2	8	Ci.-S.	Cu.	8	Ci.-S. E	Cu.
7	NE	0	NNE	1	NE	1	NE	0	NNE	2	NE	2	8	A.-Cu.	Cu.	9	Ci.-S.	Cu.
8	NE	1	NE	1	NE	1	NE	1	NE	1	NE	1	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
9	NE	0	NE	0	NE	2	E	1	SE	2	NE	0	9	A.-Cu.	Cu.	7	A.-Cu.	Cu.
10	NE	0	NE	0	NE	1	SW	1	SW	0	SW	0	8	A.-Cu. E	Cu.	7	Ci.	Cu.
11	S	0	SW	0	Calm	----	SW	2	SE	1	SE	1	9	Ci.-S.	Cu.	8	A.-Cu. E	Cu.
12	S	0	Calm	----	SW	2	SW	1	SW	0	N	1	10	A.-Cu.	Cu.-N.	8	A.-Cu.	Cu.
13	W	0	Calm	----	W	0	SW	1	Calm	----	N	1	8	A.-Cu.	Cu.	8	A.-Cu.	Cu.
14	N	1	N	2	NE	2	NE	2	NE	1	NE	1	7	A.-Cu.	Cu.	5	Ci.	Cu.
15	Calm	----	NE	1	NE	1	E	1	N	1	Calm	----	7	A.-Cu. E	Cu.	7	A.-Cu. E	Cu.
16	Calm	----	N	0	N	1	E	2	N	1	NE	1	9	A.-Cu. ENE	Cu.	7	A.-Cu.	Cu.
17	NE	1	NE	1	N	1	NW	0	NE	1	NE	1	8	A.-Cu.	Cu.	8	Ci.-S.	Cu. NW
18	N	1	N	1	N	1	N	2	N	1	N	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. NNE
19	NE	1	NE	1	NE	1	N	1	Calm	----	N	2	9	Ci.-S.	Cu. NW	10	Ci.-S.	Cu.-N.
20	NE	0	SW	1	SW	0	SW	0	Calm	----	NE	1	10	Ci.-S.	N.	10	Ci.-S.	Cu.
21	Calm	----	NNE	1	N	2	NE	1	NE	1	NE	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
22	NE	0	Calm	----	NE	1	SE	1	Calm	----	NE	1	9	A.-Cu.	Cu.	10		N.
23	SE	0	Calm	----	Calm	----	SW	2	SW	1	NW	0	7	A.-Cu.	Cu.	9	A.-Cu. E	Cu.
24	Calm	----	N	1	NE	2	NE	2	N	1	NE	2	9	A.-Cu.	Cu.	9	A.-Cu.	Cu. N
25	N	1	NNE	1	NE	2	NE	2	N	1	NE	2	9	A.-Cu.	Cu.	8	Ci.-S.	Cu. N
26	NE	2	NE	1	NE	2	N	2	NE	1	NE	1	8	Ci.	Cu.	9	A.-Cu.	Cu. NE
27	NE	0	NE	0	NE	1	NE	2	N	0	NE	0	9	A.-Cu.	Cu. NE	9	A.-Cu.	Cu. NE
28	NE	1	NE	0	NE	1	NE	1	NE	0	NE	0	8	Ci.-S.	Cu. ENE	6	Ci. E	Cu.
29	Calm	----	N	0	NE	1	E	1	NE	0	NE	0	4	Ci.	Cu.	3	Ci.	Cu.
30	NE	0	N	0	NE	2	NE	2	NE	1	NE	1	6	Ci.	Cu.	8	Ci.-S. E	Cu.
31	N	1	N	1	NE	2	NE	2	NE	1	N	2	8	A.-Cu. E	Cu.	9	A.-Cu. E	Cu.
Mean		0.6		0.7		1.3		1.5		1		1.1	8.1			7.9		

ORMOC.

[φ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

JANUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.15	58.54	59.07	56.60	57.46	58.97	22.5	22.5	26.9	25.1	24.6	23.6	30.2	22.1	96	96	70	87	91	93	5.1
2	57.99	58.29	59.27	56.70	57.31	58.32	22	21.5	26.3	26.5	25.2	23.6	28.4	21.1	95	95	72	82	94	95	4.8
3	57.83	58.30	59.03	57.03	57.81	58.82	23	22.6	27.2	29.1	25.6	23.5	29.6	22	96	95	78	66	79	91	.8
4	57.94	58.29	58.71	56.63	57.28	58.97	23	22.8	25.8	28.7	26	23	29.5	22.1	95	95	86	70	88	95	1.8
5	57.87	57.99	58.01	56.16	57.12	58.04	22.5	22	28.5	29.3	26.5	23.5	30.7	21.2	96	93	67	62	73	91	6.9
6	57.59	58.24	58.52	57.12	57.55	58.17	23	22.8	26.6	25	25.5	24.5	28.9	21.8	95	97	84	93	84	92	35.3
7	57.14	58.15	58.57	57.10	58.25	59.34	23	23.1	28.5	27.8	24.6	22.2	29.8	22	96	95	69	82	91	96	1.3
8	58.65	59.06	59.80	57.28	58.71	59.75	21.5	20.8	28	29.5	26	23.1	31.3	20.6	95	97	74	68	81	86	------
9	59.59	59.97	60.39	58.51	59.35	60.31	21.5	20.4	28.5	29.8	25.6	23.5	30.4	18.7	91	91	62	66	79	96	------
10	59.91	60.37	61.08	58.49	58.90	59.95	22.8	22.1	28.8	30.5	27.4	23.8	31.6	21.6	97	96	64	55	61	81	------
11	59.17	59.51	60.11	58.38	59.45	60.20	22	21.5	27.8	30.5	25	21.1	31.5	19.9	91	92	70	50	80	94	3.3
12	59.04	59.59	60.10	57.31	58.22	59.09	20	18.6	28	30.1	25	20.8	30.7	18.2	95	96	65	64	88	88	1
13	58.49	58.84	59.17	56.63	57.78	59.01	19.6	19.5	26.9	27.7	25.6	23.8	30.2	18.4	90	93	70	72	81	91	2.3
14	58.82	59.50	60.29	58.05	59.12	60.35	22.4	20	27.3	28.9	26.1	24	30.3	19.6	93	95	73	70	76	87	.8
15	59.80	60.27	61.19	59.18	60.30	61.25	23.4	23	27.3	27.5	25	24.4	29.6	21.8	86	80	66	63	71	62	------
16	60.21	60.50	61.24	59.10	60.15	61.10	22	20.7	28.3	28.3	24.6	21.5	30	20.5	74	82	50	55	64	82	------
17	59.96	59.91	60.05	57.87	58.63	59.81	20	18.2	27.1	28	24.2	22.2	29.8	17.5	87	88	65	63	87	98	------
18	58.79	58.99	59.98	58.20	59.23	60.70	20.5	19.6	27.8	28.2	25	23	29.6	18.2	99	94	74	74	95	92	6.4
19	59.81	60.07	61.51	59.44	60.45	61.46	22	21.5	27.4	29.8	27.4	25.4	31.3	21.3	96	97	73	62	70	80	------
20	60.49	61.05	61.50	59.25	59.95	61.05	25	23.7	27.3	28	25.5	24.6	30	23	83	90	79	77	88	91	27.9
21	60.19	60.55	61.51	59.23	59	60.80	23.5	22.9	28.6	29.8	27.6	23.5	30.9	22.7	96	98	66	54	66	83	------
22	59.95	60.20	60.99	58.41	58.68	60.48	22	20.6	27.9	30.4	26.4	25.6	31.8	20.3	91	96	66	52	75	68	------
23	59.73	59.95	60.54	58.98	59.82	60.48	25	25.8	29	29.8	27	24.5	31.9	22.8	71	69	58	52	66	75	------
24	59.85	59.44	60.20	57.69	58.35	59.78	24	25	27	28.5	26.2	24	30.1	22.1	83	79	75	66	76	90	.8
25	58.94	59.19	60.08	58.10	58.97	60.08	23	21.8	27.8	30.8	27	23.9	31.5	21	91	95	70	56	77	77	------
26	59.87	59.92	60.35	58.36	58.97	60.24	22	20	27.5	28.3	26.8	23	31.2	19.8	88	95	69	64	67	83	------
27	59.65	59.51	59.93	57.98	58.96	59.85	22.6	21.1	27.9	28.4	25.5	24.2	29.9	20	90	92	60	64	75	82	------
28	58.73	58.88	59.39	57.11	57.55	58.32	23.5	23.1	27	27.4	24.5	22.5	30	21.4	87	92	79	77	96	96	14
29	57.79	57.83	58.85	56.60	57.23	58.77	21.8	20.2	27.2	27.8	24.9	23.4	29.5	20	96	98	66	71	88	88	7.6
30	57.77	58.20	58.82	57.13	57.94	59.25	22.4	22	27.9	27.8	25.7	25.5	30.7	21.2	88	91	64	61	67	68	.5
31	57.94	58.44	59.71	58.06	58.71	59.52	25	24.2	27.2	28.1	25.8	23.5	29.7	22	68	70	60	58	56	67	------
Mean	58.96	59.28	59.93	57.83	58.62	59.75	22.5	21.7	27.6	28.6	25.7	23.5	30.3	20.8	90.2	91.4	69.2	66.3	78.4	85.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	120.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	E	ENE	Calm	Calm	19.3	33.2	44.8	16.3	113.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
2	Calm	Calm	WNW	SSE	Calm	Calm	13.5	22.2	33.5	10.7	79.9	8	Ci.-S.	Cu.	7	A.-Cu. E	Cu.
3	Calm	Calm	W	SSE	Calm	Calm	16.9	34.3	41.5	18	110.7	10	Ci.-S.	Cu.	9	Ci.-S.	Cu. E
4	Calm	Calm	NW	N	Calm	Calm	15.6	23	25.7	17.9	82.2	10	A.-Cu. ESE	Cu.	9	Ci.-S.	Cu. E
5	Calm	N	SSW	S	ESE	ENE	25.2	37.2	44.3	20.7	127.4	9	A.-Cu. SE	Cu.	7	Ci. SE	Cu. E
6	Calm	NE	NW	NNW	Calm	Calm	17.2	32.8	31.6	16.7	98.3	10	------------	N.	10	Ci.-S.	Cu.-N. E
7	N	Calm	ENE	NW	Calm	N	22.7	33.6	38.8	21.1	116.2	6	A.-Cu.	Cu.	9	Ci.-S.	Cu.
8	N	Calm	SW	S	N	Calm	22	33.8	55.2	22.5	133.5	8	A.-Cu. SE	Cu.	5	A.-Cu. S	Cu. E
9	Calm	Calm	SE	SSW	Calm	N	23.1	47.5	55.5	20.1	146.2	1	------------	Cu.	8	Ci.	Cu. ENE
10	Calm	Calm	NNE	ENE	ENE	Calm	16.1	46.4	60.2?	25.4	148.1?	7	Ci. S	Cu.	6	Ci. S	Cu.
11	N	NNE	SW	E	E	Calm	23.1	46.7	45.7	22.3	137.8	2	Ci.	Cu.	2	Ci.	Cu.
12	N	N	WSW	S	SSE	N	23.3	40.2	59.2	21.4	144.1	0	------------	Cu.	5	------------	Cu. ENE
13	Calm	NNE	WSW	S	SE	Calm	18.7	36.8	53.3	15.3	124.1	0	------------	Cu.	7	------------	Cu.-N. N
14	Calm	NNE	SW	SSE	Calm	Calm	19.1	31.6	66.2	20.7	137.6	2	Ci.	Cu.	7	Ci.	Cu. N
15	Calm	Calm	SSW	NE	SE	N	16.4	33.3	46.5	29.2	125.4	9	A.-Cu. E	Cu.	9	Ci.-S.	Cu.
16	N	N	NE	N	Calm	Calm	31.7	32.4	46.7	17.1	127.9	7	Ci.	Cu.	6	Ci.	Cu. NNE
17	N	Calm	SSW	SSW	Calm	N	20.3	34.6	34.3	21.9	111.1	1	------------	Cu.	8	A.-Cu.	Cu. E
18	Calm	N	WSW	SSE	Calm	NW	14.7	33.3	51	17.7	116.7	7	Ci.-S.	Cu.	3	------------	Cu. E
19	Calm	Calm	SW	SSW	ESE	Calm	17.1	41.8	52.8	19	130.7	4	A.-Cu. E	Cu.	4	Ci.	Cu. E
20	N	Calm	Calm	SE	Calm	Calm	28.7	34.6	82.4	11	156.7	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
21	Calm	Calm	ENE	ENE	Calm	NE	16.1	40	42.4	22.3	120.8	10	Ci.-S.	Cu.	9	Ci. SSE	Cu. ENE
22	Calm	Calm	SW	E	NE	ENE	16.4	40.8	56.3	40.7	154.2	4	Ci.-S.	Cu.	4	A.-Cu. SE	Cu.
23	ENE	ENE	ENE	ENE	ENE	NE	38	67.6	56.5	31.9	194	2	Ci.	Cu.	5	Ci. SE	Cu.
24	ENE	NE	WSW	SSE	Calm	Calm	26.8	70.3	84.5	21.7	203.3	9	Ci.	Cu. E	8	Ci.-S.	Cu.-N. E
25	N	NbyE	SSE	SSE	Calm	Calm	18.7	46.4	65.5	18.3	148.9	9	Ci.-S.	Cu.	4	Ci.	Cu. ENE
26	N	Calm	WSW	SW	ESE	Calm	25.9	33.6	60.7	21.9	142.1	4	Ci.	Cu.	5	Ci.	Cu. ENE
27	N	N	E	WSW	ESE	N	28.7	48.6	50.4	15.6	143.3	1	Ci.	Cu.	5	A.-Cu.	Cu. E
28	Calm	NNW	S	SE	Calm	Calm	15.1	33.5	42.8	15.6	107	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. SE
29	Calm	Calm	NNW	SE	Calm	Calm	18.5	29	59.8	16.7	124	2	Ci.	Cu.	7	Ci. SE	Cu.
30	Calm	Calm	SSW	ESE	ESE	ENE	14.3	41.8	47.3	59.5	162.9	9	Ci.-S.	Cu. E	9	Ci.-S.	Cu. NE
31	E	NE	E	ESE	E	NNE	44.5	83.4	50.1	34.3	212.3	4	Ci.	Cu. ENE	9	A.-Cu. E	Cu.
Mean	------	------	------	------	------	------	21.5	40.1	51.1	22	134.9	5.9	------------	------------	6.9	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	4,181	----	------------	------------	----	------------	------------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

FEBRUARY, 1909.

Day.	Atmospheric pressure, 700 mm.—						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.24	58.59	60.03	57.42	58.16	59.75	21	18	27.9	29	26	20.6	30.6	17.1	73	88	54	48	58	85	-----
2	58.78	59.26	60.20	57.83	58.98	59.81	19.5	18.8	27.4	28.8	25.6	22.2	29.7	17.8	90	93	60	67	75	93	-----
3	57.75	58.49	59.21	57.47	58.40	59.26	21.6	23	28.1	29.3	27	23.5	29.8	20.5	95	88	70	67	73	96	2.3
4	58.42	59.09	60.39	58.92	59.48	60.71	23	24.8	28.8	30.5	27	23.2	31.8	21.7	91	77	61	52	66	81	-----
5	60.76	61.69	62.08	59.84	60.72	61.65	20.5	19.6	28	31.5	27	23.7	31.6	18.3	86	89	56	46	59	81	2
6	60.70	61.17	61.78	59.94	60.65	61.31	23	25.1	28.7	30	26.8	24	30.8	22.7	92	67	52	45	67	83	.8
7	60.75	61.41	62	60.32	61.46	62.26	23	24	27.4	28.3	25.8	23	30.3	22.2	91	75	57	43	60	74	-----
8	61.27	61.75	62.84	60.84	61.79	62.01	22.8	23	24.4	25.5	23.7	22.4	27.2	22	76	87	80	73	89	95	5.1
9	61.47	61.86	62.37	59.95	61.40	62.46	21.5	20.6	26.5	28.5	24	20.2	29.3	20	95	92	76	60	81	93	-----
10	61.22	62.09	62.29	59.76	61.03	61.90	19.3	18.5	28.3	30.1	25.2	23	30.9	18.5	93	95	55	49	74	87	-----
11	60.71	61.32	61.85	59.18	60.07	61.30	22.5	20.9	28.5	28.9	27	24.5	31.3	20.6	91	94	66	58	67	84	1.3
12	60.45	60.72	61.52	59.43	60.01	60.80?	23	22.5	22.9	25.3	25	23	26.6	22.1	91	96	93	81	80	91	2
13	60.35	60.61	61.01	58.67	59.78	61.17	21.5	20.8	27.6	29.5	25	23.1	30.5	20.2	94	96	66	66	83	92	3
14	59.71	60.27	60.64	58.63	59.10	60.20	22	22	25.4	25.6	25.5	23.5	27.3	21.3	96	96	84	82	83	83	5.6
15	58.93	59.42	60.41	58.48	59.23	60.05	22.5	21.7	26.7	26.4	25.6	22.5	27.8	21.2	87	94	73	79	77	91	6.1
16	58.89	59.34	59.84	58.28	59.24	60.95	21.9	23	27	28.5	25.6	24.1	29.5	21.7	92	92	70	64	84	96	2
17	58.97	59.29	60.53	58.48	58.71	59.94	23.2	22.7	25.4	26.5	24.8	25	27.2	22.5	97	98	87	76	83	76	6.4
18	59.37	59.58	60.43	58.50	58.41	59.84	23	21.5	26.4	25.3	26.3	24	27.5	21.3	91	95	77	88	74	93	8.9
19	58.98	58.99	60.30	58.28	58.88	60.24	23.2	22.6	28.3	29.5	27.3	22.6	30.3	22.1	97	98	74	73	70	95	-----
20	59.66	59.53	60.43	58.38	58.59	59.82	21.8	20.8	27.3	29	27.3	22.8	30.6	20.6	96	97	73	72	72	91	-----
21	59.61	59.52	59.68	57.77	58.25	60	22.2	22.6	27	28	26.5	25.6	29.5	21.2	93	90	75	72	80	76	1.3
22	58.56	59.75	60.06	57.91	58.72	60.05	24	23	27.8	30.5	27.2	25	31.8	22.7	87	97	77	57	67	87	-----
23	59.11	59.49	60.14	57.96	59.11	60.09	22	21	27.5	28.9	25.5	22.5	30.6	20.6	93	95	71	71	93	87	3
24	58.92	59.28	59.86	58.15	58.70	59.81	20.5	19.4	27	29.7	25.6	22	31	19.2	95	96	75	51	73	87	-----
25	59.04	59.54	60.34	58.38	59.80	60.85	19	18.5	29.4	29.5	27	20.8	31.2	18.2	94	95	58	59	63	89	-----
26	59.95	60.10	60.89	58.88	59.65	60.73	20.5	20.4	28	31.8	26.4	22	32.2	19.7	91	92	67	44	59	86	-----
27	59.75	60.16	60.40	58.52	58.95	59.75	21.5	23.5	28.8	31.4	27.2	26	32	20.8	91	79	56	41	62	65	-----
28	58.54	58.59	59.64	57.71	57.88	59.38	24.5	20.6	28	31.2	27.5	24.7	32.1	20.4	70	89	63	47	63	74	-----
Mean	59.60	60.03	60.76	58.71	59.47	60.57	21.9	21.5	27.3	28.8	26.1	23.2	30	20.6	90.3	90.7	68.8	61.9	72.7	86.1	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	49.8

Day.	Wind.											Clouds.					
	Direction.						Totol movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNE	NNE	ENE	E	ENE	NNE	20.3	50.7	69.8	27.9	168.7	3	Ci.	Cu.	5	Ci. SE	Cu. NNW
2	N	N	WNW	S	ESE	NE	24.3	42.3	61.5	20.7	148.8	8	Ci. SE	Cu.	10	Ci.-S.	Cu.
3	NNE	Calm	SSW	NE	NE	Calm	26.8	35.7	55.5	29.6	147.6	7	Ci.	Cu. E	9	A.-Cu. SE	Cu.-N.
4	N	N	NE	ESE	ENE	NE	23	51.5	47.5	31.2	153.2	8	Ci. ESE	Cu.	8	Ci. ESE	Cu. NE
5	NNE	NNW	SSW	E	ENE	Calm	23.1	43.8	66.8	32.7	166.4	2	Ci.	Cu.	5	Ci.	Cu. ENE
6	Calm	NE	E	ESE	E	Calm	42.8	74.5	67.1	30.9	215.3	4	Ci. S	Cu.	4	Ci. S	Cu.
7	Calm	Calm	NE	NE	E	Calm	17.7	45.9	67.1	16.6	147.3	10	Ci.-S.	Cu. E	8	A.-Cu. ESE	Cu.
8	N	Calm	Calm	SSW	S	N	21.2	36.2	54.7	23.3	135.4	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu.-N.
9	N	Calm	WSW	S	Calm	NE	21.2	27.4	40	23	111.6	6	Ci.	Cu.	8	Ci.-S.	Cu.
10	NNE	Calm	NE	N	Calm	Calm	17.2	34.1	47.2	14.3	112.8	3	Ci.	Cu.	8	A.-Cu.	Cu. E
11	Calm	Calm	SE	N	N	Calm	18.2	33.3	48.1	15	114.6	4	A.-Cu. E	Cu.	9	Ci.-S.	Cu. ENE
12	Calm	NNE	N	NNW	Calm	N	26.8	45.3	27.9	22.7	122.7	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu.-N. SE
13	Calm	Calm	NE	SSW	Calm	Calm	15.3	40.7	73.8	22.7	152.5	9	A.-Cu. ENE	Cu.	4	A.-Cu.	Cu. ENE
14	Calm	Calm	NNW	SSW	NNE	Calm	14.7	26.2	39.4	15.9	96.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
15	Calm	NNE	SW	SSW	Calm	NE	19.5	39.6	43.1	25.9	128.1	6	A.-Cu. SSE	Cu.	8	Ci. SSE	Cu. ENE
16	Calm	Calm	ENE	ENE	NE	Calm	22	35.1	51.5	11.3	119.9	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
17	Calm	Calm	Calm	ENE	Calm	SE	12.4	21.4	35.9	45.7	115.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu. ENE
18	Calm	Calm	SSE	Calm	Calm	S	19	36.2	20.1	18.7	94	9	Ci.-S.	Cu. SE	10	Ci.-S.	Cu.-N.
19	Calm	Calm	SW	SSW	ESE	Calm	18.3	40.8	74.6	21.9	155.6	8	Ci.-S.	Cu.	4	Ci. SE	Cu.
20	Calm	Calm	W	S	SE	Calm	18.7	22.7	35.4	24.3	101.1	3	Ci.	Cu.	6	Ci. SE	Cu.
21	N	NNW	Calm	S	Calm	NE	24.6	24.3	40.5	26.9	116.3	6	Ci. SE	Cu.	7	A.-Cu. SE	Cu. E
22	Calm	Calm	S	SE	E	Calm	16.9	34.4	61.4	17.5	130.2	8	Ci.-S.	Cu. E	3	Ci.	Cu. E
23	Calm	Calm	SW	N	Calm	NE	16.1	36	42.1	16.3	110.5	7	Ci. S	Cu.	10	Ci.-S.	Cu.-N.
24	Calm	Calm	NW	SE	SE	NE	22.2	34.3	77.4	26.8	160.7	4	Ci. S	Cu.	5	Ci.	Cu. SE
25	NNW	Calm	SSE	SSE	ESE	ENE	22.8	47.7	80.2	27.2	177.9	7	Ci. SE	Cu.	5	Ci.	Cu. E
26	NE	N	WSW	SE	E	Calm	21.2	38.4	50.7	28.8	139.1	2	Ci.	Cu.	5	Ci. SE	Cu.
27	NE	NNW	SSE	ENE	Calm	Calm	32.2	42.1	63.6	21.7	159.6	2	Ci.	Cu.	4	Ci.	Cu. E
28	E	NNE	SW	NE	NE	ENE	28.2	49.7	64.6	38.3	180.8	6	Ci.	Cu. E	5	Ci.	Cu. E
Mean	-----	-----	-----	-----	-----	-----	21.7	38.9	53.8	24.2	138.7	6.5	-----	-----	7.1	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3,882.3	-----	-----	-----	-----	-----	-----

ORMOC.

[ϕ=11° 00′ N ; λ=124° 36′ E ; barometer above sea, 5.6 meters ; gravity correction not applied, —1.83 mm.]

MARCH, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	53.54	59.04	59.81	57.40	57.70	59.83	23.5	22.6	27.5	31.4	27.5	24.5	32.5	19.6	79	82	76	49	60	75	------
2	58.32	59.09	60.54	58.27	58.62	60.05	22.5	22.4	26.8	28.3	27.5	23.5	30.5	21.6	87	92	79	71	70	91	3.6
3	59.02	59.57	60.23	57.92	58.68	59.72	23	23.5	29	31.3	27.4	25	32.4	21	91	83	51	48	61	68	------
4	58.57	59.43	60.29	58.09	58.44	60.30	22.5	19.9	27.3	28.5	26.3	25.6	30.4	19.2	78	91	62	67	67	69	------
5	59.90	60.07	60.90	58.40	59.42	60.30	24	22.2	28.4	32.3	26.5	26.2	32.6	21.1	79	89	66	45	67	67	------
6	59.51	59.80	61.17	59.11	59.12	60.03	25	24	28.1	30.5	27	25.1	32.2	23	72	75	66	50	64	73	------
7	59.03	59.49	60.20	58	58.44	59.84	22.5	20	27.9	30.5	27.5	24.7	31	19	83	91	62	60	68	79	------
8	58.63	58.75	59.70	57.36	57.72	58.81	23	21,7	28.2	28.8	24.5	22	30.3	20.6	87	93	61	67	92	96	18.5
9	57.74	58.93	59.65	57.37	57.43	59.11	21.5	21.6	28.2	29.3	27.5	25	31	20.1	95	91	61	59	60	76	------
10	57.54	58.49	59.15	56.88	57.62	58.86	24.2	23.1	28.1	30.3	25	24	30.9	21.7	78	89	66	66	84	83	------
11	57.64	57.91	59.15	57.05	56.60	58.15	22	22	28.8	26.5	27.5	24	30.8	20	89	81	54	73	73	91	1.5
12	57.04	57.42	58.65	56.21	56.88	58.21	21.8	21	26.1	30	27.5	25.5	30.5	20.2	93	91	77	65	61	75	------
13	57.14	58.09	59.05	57.10	58.47	60.10	23.4	20	29.4	28.4	23.8	22.5	31.2	19.8	84	91	51	68	90	92	2.8
14	58.64	59.22	59.98	58.40	58.55	59.84	21.5	21.5	27.5	25.7	25.2	24	28.5	20.5	95	95	72	86	88	91	.8
15	58.78	59.27	60.53	58.42	58.81	60.04	24	22	27.4	30	26.5	24	30.7	21.8	83	91	76	59	69	83	2.8
16	58.82	59.18	60.26	57.83	57.90	59.88	23.5	23	25.6	28	26.4	23.7	29.7	22.4	91	96	83	67	81	90	2.8
17	58.37	59	59.75	57.48	58.31	59.54	21.8	21.1	27.5	27.8	23.5	22.5	30	20.8	93	95	76	70	96	96	5.6
18	58.39	58.93	59.48	57.32	58.13	59.80	20.9	21.1	29.5	28.8	28	23	31.2	20.3	96	95	52	67	60	83	------
19	58.22	58.92	59.55	57.85	58.42	60.02	24	22.5	28.4	27.8	24.9	23.8	29.3	22.3	83	92	72	74	87	90	2.8
20	58.54	58.39	59.48	57.47	57.57	57.82	23.5	22.9	24.7	24.3	24	24	25.2	21	91	92	94	93	96	95	13
21	56.33	56.73	57.46	55.09	55.55	57.09	23.6	23	26.4	28	25.8	24	29.5	22.3	95	91	79	67	89	95	------
22	55.27	56.77	56.94	55.10	55.67	56.75	23.2	23.5	28	27.9	26	24.5	29	23	95	96	74	79	88	96	20.3
23	56.11	56.12	57.93	56.24	57.10	58.38	24.2	24.8	26.1	27	24.5	25	27.7	23.7	97	97	86	83	96	88	17
24	57.12	57.63	58.95	57.03	57.88	59.47	24	25.5	29.2	29	26.7	23.5	30.7	22.6	91	80	66	66	77	89	------
25	59.24	59.35	60.47	58.64	59.07	61.07	21.8	20.6	28.5	29.8	27	23.5	31.4	20.2	93	95	73	60	71	92	------
26	60.47	60.91	61.13	58.93	60.05	61.40	22.8	22.8	28	29	25.8	25.5	30	22.6	95	96	66	71	92	76	1
27	60.29	60.81	61.68	59.66	60.13	61.75	23.2	24.4	29.9	28.8	27	23.1	32.2	22.5	85	77	52	56	68	86	------
28	60.83	60.93	61.65	59.47	59.69	60.90	21	22	28.2	27.4	27	26.8	32	20.8	95	93	69	78	70	74	2.5
29	60.02	60.42	61.74	59.11	59.90	61.34	24	22	27.3	30.7	26.7	25.5	31.2	21.7	86	96	76	58	75	76	------
30	60.33	60.72	61.29	58.56	59.04	60.50	22	20.5	28.5	30.4	27.6	25	32	19.6	88	89	62	56	66	80	------
31	59.39	60.17	60.82	58.12	59.07	60.78	22.5	20.2	28.8	32	27.6	25.5	32.7	19.4	84	91	69	46	70	72	------
Mean	58.51	59.02	59.92	57.74	58.26	59.67	22.9	22.2	27.8	29	26.3	24.3	30.6	21.1	88.1	90.2	68.7	65.3	76	83.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	95

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	ENE	NE	SSW	ENE	Calm	NE	22.8	39.4	60	32.5	154.7	9	Ci.-S.	Cu.	4	Ci.	Cu. ENE
2	N	Calm	SW	WSW	ESE	Calm	21.1	32.8	53.9	22.2	130	9	Ci.-S.	Cu. E	7	Ci.	Cu. E
3	NE	ENE	ENE	NE	ENE	Calm	29.3	47.5	60.4	20.3	157.5	2	Ci.	Cu.	6	Ci. SE	Cu.
4	E	Calm	WSW	SE	E	E	25.1	31.9	80.3	34.6	171.9	7	Ci.	Cu.	8	A.-Cu.	Cu. ENE
5	NE	NNE	ESE	ENE	NE	ENE	20.6	41.2	68.7	35.6	166.1	8	A.-Cu.	Cu. ENE	7	Ci.	Cu. ENE
6	Calm	ENE	SW	E	Calm	ENE	28.2	47	47.5	20.3	143	2	Ci.	Cu.	5	Ci.	Cu. E
7	NNE	N	SW	S	NNE	Calm	20.3	54.5	62.2	22.5	159.5	4	Ci.	Cu. E	7	Ci.	Cu. E
8	N	N	ENE	SW	Calm	Calm	23.1	50.1	43.5	23.6	140.3	9	Ci.-S.	Cu.	8	Ci.	Cu. E
9	NNE	NNE	SW	SSW	ESE	E	22.8	46.7	71.6	30.1	171.2	7	Ci.	Cu. E	8	Ci.	Cu. E
10	NE	Calm	SSW	S	Calm	Calm	28.5	50.9	72.7	23	175.1	9	Ci.-S.	Cu. E	6	Ci.	Cu. E
11	N	Calm	NE	Calm	Calm	NNW	24.7	39.6	34.9	18	117.2	10	Ci.-S.	Cu.	9	Ci.-S.	Cu. E
12	Calm	N	WSW	S	ENE	NE	24.3	38.6	67.6	37.8	168.3	10	Ci.-S.	Cu.	6	Ci.	Cu. ENE
13	N	Calm	ENE	WSW	Calm	Calm	22.8	40.7	52.5	22 ?	138	10	Ci.-S.	Cu.	9	Ci.-S.	Cu. ENE
14	N	Calm	N	N	N	Calm	15	37.5	36.5	18.8	107.8	9	A.-Cu.	Cu. ENE	10	Ci.-S.	Cu. E
15	Calm	NE	WSW	SE	Calm	N	20.6	26.9	46.4	16.4	110.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. ENE
16	Calm	N	SSE	SSE	Calm	Calm	15.3	28.8	74.2	12.9	131.2	10	------	N	9	Ci.-S.	Cu. ENE
17	Calm	Calm	NW	SSE	Calm	Calm	14	27.4	49.3	19.9	110.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. NNW
18	Calm	Calm	S	SSW	NE	Calm	18.7	47.3	60.9	29.5	156.4	1	Ci.	Cu.	4	Ci.	Cu. ENE
19	Calm	Calm	S	S	Calm	Calm	19.6	38	36.2	15.1	108.9	7	Ci.	Cu.	7	A.-Cu. SE	Cu. ENE
20	Calm	Calm	Calm	NNW	Calm	N	14.2	21.1	33	25.2	93.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
21	N	N	NNW	NNW	NNW	Calm	31.4	63.8	55.3	8.5	159	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
22	Calm	Calm	NNW	WNW	Calm	Calm	10.3	30.1	49.4	15.6	105.4	10	Ci.-S.	Cu.-N	10	Ci.-S.	cu.-N. NW
23	Calm	SSE	S	S	Calm	SE	51.8	81.1	22.7	18	173.6	10	Ci.-S.	Cu.-N	9	Ci.-S.	Cu.
24	SE	SE	SE	SE	ESE	Calm	38.4	71.4	89.3	20.3	219.4	10	Ci.-S.	Cu. SE	10	Ci.-S.	Cu. ESE
25	Calm	Calm	SSW	SE	SE	Calm	17.2	43.5	54.5	23	138.2	7	Ci. ESE	Cu.	8	A.-Cu. E	Cu.
26	Calm	Calm	SW	S	S	ENE	10.8	41	48.9	21.7	122.4	6	Ci.	Cu.	7	A.-Cu.	Cu. E
27	NNE	NE	S	SE	Calm	N	47.2	63	56.6	23.3	190.1	2	Ci.	Cu.	8	A.-Cu. E	Cu.
28	N	Calm	SSW	N	NE	NE	19.8	62.2	56.6	42.8	181.4	5	Ci.	Cu.	7	A.-Cu.	Cu. E
29	NNE	Calm	SSE	WSW	Calm	ENE	16.4	39.4	50.4	33	139.2	7	Ci. SE	Cu.	7	Ci.	Cu. E
30	Calm	NNE	SSW	S	Calm	NE	21.5	51.8	48.1	28.5	149.9	1	Ci.	Cu.	5	Ci.	Cu. E
31	Calm	Calm	SSW	E	SSE	NE	21.4	50.1	53.3	32.4	157.2	1	Ci.	Cu.	5	Ci.	Cu. E
Mean	------	------	------	------	------	------	23.1	44.7	54.8	24.1	146.7	7.2	------	------	7.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	4,547.3	------	------	------	------	------	------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

APRIL, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.40	60.12	60.57	58.57	59.11	60.67	23.4	23.6	29	30.8	27.1	23.5	32.4	21.8	84	78	60	51	66	83	------
2	59.59	59.75	60.63	58.73	59.49	60.86	23	20.8	28.4	30	27.5	23.6	30.7	20.1	84	93	62	61	66	90	------
3	59.34	59.96	60.75	58.37	59.52	61.05	21	22.1	28.6	30.5	27	25.7	32.3	21	95	90	66	60	77	78	------
4	59.85	60.15	60.78	58.68	59.24	60.74	24.2	22.5	29	30	28.4	25.9	31.7	22.1	82	91	64	64	68	75	------
5	59.35	59.75	60.66	58.50	58.67	60.03	21.8	21	29	30.7	29.4	25.5	31.5	20	86	87	65	63	66	74	------
6	58.82	59.75	60.02	57.73	57.50	58.66	21.8	21.1	29	29.7	28	22.6	30.3	19.9	88	91	67	67	74	92	------
7	58.22	59.08	59.79	57.48	56.81	58.95	20.6	20.5	29	30	28	22.5	30.5	19.9	92	95	69	65	73	91	------
8	58.45	59.58	59.75	57.70	57.93	59.72	20.9	20.6	28.8	30	27.7	22.6	30.8	20.1	84	94	72	68	55	81	------
9	59.17	60.12	60.55	57.80	58.79	60.35	24.2	19.5	29	30.5	28	22.8	32.7	18	78	92	68	56	42	80	------
10	59.40	59.84	60.62	58.15	58.90	59.86	19.4	20.4	28.1	32	27.5	20.9	33	18	89	96	66	41	59	79	------
11	59.39	59.71	60.25	58.31	59.08	60.48	18.8	18.6	29.2	30.3	29	25.2	31.9	18.3	87	96	68	58	60	79	------
12	59.67	60.03	60.69	58.65	59.47	60.44	22.2	20.8	29	30.7	29	25.9	31.2	20.2	86	93	58	57	60	69	------
13	59.02	59.60	59.90	58.01	58.60	59.70	23.8	22.7	28	29.5	28	25.1	30.8	22.7	80	90	72	68	70	79	0.5
14	58.51	58.82	59.33	57.38	58.85	59.95	23.5	23.6	30	29.4	26.5	23.6	31.7	22.2	86	90	54	74	84	91	19.6
15	58.92	58.76	59.87	56.93	57.95	59.31	23.5	23.5	28	30.7	27.4	24.2	31.2	22.5	96	96	74	57	70	85	------
16	58.52	58.14	58.84	57.06	57.89	59.05	21.9	22	29.3	29.2	26.5	23.6	31.3	21.3	93	91	68	70	88	91	2.8
17	58.09	58.69	59.41	57.07	57.45	59.83	23	21.2	29.7	32	28.8	23.2	32.9	20.8	93	94	54	46	63	78	------
18	59.22	59.41	60.18	58.08	58.24	59.97	21.4	19.5	28.2	29.2	26.6	23.6	30.5	19.3	91	95	68	70	74	82	.5
19	59.04	59.43	59.95	57.67	57.44	58.77	21.5	20.6	28	28.6	27.8	23.6	30.5	19.8	93	96	71	68	67	85	------
20	57.49	58.69	59.05	57.11	57.50	58.98	24.2	21	28.6	30.3	28.2	25.8	31.3	20.3	78	91	66	61	61	70	------
21	58.52	59.05	59.63	57.52	57.84	59.39	25	21.7	28.7	30	27.5	21.1	30.5	19.6	75	88	64	64	68	76	------
22	58.86	59.44	59.43	57.27	57.35	58.94	18.8	19.4	29.5	30.3	28.5	26.2	31.5	17.8	84	89	63	64	67	67	------
23	58.73	59.34	59.18	57.22	57.39	59.05	21.4	19.8	29.5	29.8	28.8	21.8	31.1	19.5	88	89	64	64	69	76	------
24	58.47	58.84	59.19	56.83	57.90	59.10	23.8	20.8	28.8	30.5	28	23.4	33.1	19	71	85	69	57	54	76	------
25	58.90	59.04	59.27	57.21	57.98	59.85	18.5	17.6	28.2	30.4	28.4	23.5	31.2	17.1	88	92	72	65	61	76	------
26	58.65	59.33	59.62	56.55	57.43	59.36	20.9	21	29.2	31	28.9	24.4	31.7	19.7	91	91	63	62	58	77	------
27	58.03	58.63	59.08	56.92	57	59.11	21.8	22	29.5	30.2	28	26	31.5	21	89	91	70	64	77	76	------
28	58.27	58.59	59	56.64	57.10	58.75	22.8	21.5	29	31	28.5	24	31.7	20.8	87	91	69	56	75	87	------
29	57.71	58.42	58.83	56.98	57.44	58.57	23	22.6	29.8	29.6	28.8	23.4	31.2	21.9	90	91	60	66	65	84	------
30	57.67	58.35	59	56.82	57.28	58.95	21.4	21.5	29.3	29.7	25.5	24.2	31.4	20.5	89	92	69	69	84	86	------
Mean	58.78	59.28	59.79	57.60	58.10	59.61	22	21.1	28.9	30.2	27.9	23.9	31.5	20.2	86.6	91.3	65.8	61.9	67.4	80.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	23.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	ENE	SSW	E	ESE	Calm	25.7	44.9	57.1	27.4	155.1	1	------------	Cu.	2	------------	Cu. E
2	NNE	NNE	WSW	W	ESE	N	23.5	42.3	55.8	23.6	145.2	0	------------	Cu.	7	A.-Cu.	Cu. E
3	N	N	SSW	SSW	SE	ENE	23.6	40.8	57.3	22.7	144.4	1	------------	Cu.	3	------------	Cu. ENE
4	NNE	N	S	SW	ESE	ENE	21.1	52.5	65.4	20.9	159.9	2	Ci.	Cu.	8	A.-Cu.	Cu. E
5	NNE	NNE	S	SSW	S	NE	23.5	64.2	46.2	20.4	154.3	0	------------	Cu.	5	A.-Cu. ENE	Cu.
6	Calm	NNE	SSW.	S	Calm	Calm	20.6	48	74.5	15.9	159	2	A.-Cu.	Cu.	1	Ci.	Cu.
7	NE	NE	S	SE	Calm	Calm	21.7	46.5	70.8	19	158	2	A.-Cu.	Cu.	5	A.-Cu. NNE	Cu.
8	NNE	Calm	SSW	SSW	E	E	21.5	60.7	108.3	23.8	214.3	1	------------	Cu.	2	Ci.	Cu. NE
9	NE	N	S	S	ESE	E	29.5	75.9	96.9	30.6	232.9	0	Ci.	------------	0	Ci.	Cu.
10	N	N	SSW	SE	SE	E	26	47.7	95.3	30.8	199.8	7	A.-Cu. E	Cu.	1	A.-Cu. NE	Cu.
11	N	N	SSW	SSW	NE	ENE	24.7	54.4	71.6	20.6	171.3	0	------------	Cu.	3	------------	Cu. ENE
12	NE	N	SSW	S	E	NE	27.2	55.3	60.7	34.8	178	0	------------	Cu.	3	Ci.	Cu. ENE
13	Calm	E	SSW	SSW	SSE	Calm	20.1	55	55.2	18.5	148.8	2	Ci.	Cu.	8	A.-Cu.	Cu. E
14	NNE	Calm	ESE	SSW	N	S	19	68.1	89.5	23.6	200.2	8	------------	Cu. ESE	6	A.-Cu.	Cu. SE
15	Calm	Calm	S	ESE	ESE	Calm	16.9	57.9	87.1	14.3	176.2	8	A.-Cu. SE	Cu.	6	A.-Cu.	Cu. ENE
16	NNE	NNE	S	S	Calm	E	21.4	61.2	58.2	23.3	164.1	2	Ci.	Cu.	9	A.-Cu. E	Cu.
17	Calm	NNE	S	ENE	E	Calm	24.1	39.6	78.3	17.7	159.7	7	Ci.	Cu.	4	Ci. NE	Cu.
18	NNE	NNE	SSW	S	NNE	NE.	20.7	43.8	36.7	23.9	125.1	2	Ci.	Cu.	8	A.-Cu.	Cu. E
19	Calm	N	SSE	SSE	SE	NE	22.2	51.7	74.6	20.3	168.8	0	------------	Cu.	6	A.-Cu.	Cu. E
20	N	N	SSW	SSW	Calm	NE	31.2	46.7	66.5	34.8	179.2	0	------------	Cu.	4	A.-Cu. E	Cu.
21	NE	NE	S	SSW	E	Calm	34	72.6	90.7	25.7	223	1	Ci.	Cu.	1	Ci.	Cu.
22	ENE	N	SSE	SSW	E	NE	29	67.1	70.8	41.2	208.1	5	A.-Cu. SSE	Cu.	2	Ci.	Cu.
23	NE	N	S	SSW	Calm	E	30	65.2	68.1	31.1	194.4	1	Ci.	Cu.	5	Ci.	Cu. NE
24	NE	NNE	S	S	ENE	Calm	32.5	69.2	86.9	26	214.6	1	Ci.	Cu.	3	Ci.	Cu. ENE
25	N	N	SSW	SSW	Calm	E	24.4	52.6	68.6	30.6	176.2	0	Ci.	Cu.	3	Ci.	Cu.
26	NNE	NNE	WSW	SSW	ESE	Calm	24.6	59.3	55.3	27.7	166.9	3	Ci.	Cu.	4	Ci.	Cu. E
27	N	NW	SSW	SSW	Calm	E	23.6	54.5	43	23.5	144.6	1	Ci.	Cu.	6	Ci.-S.	Cu.-N. NE
28	NNE	Calm	SSW	S	Calm	ENE	22	43.5	58.4	19.8	143.7	2	Ci.	Cu.	7	Ci.	Cu. ENE
29	ENE	Calm	SSW	S	S	N	22.2	55.2	58.1	24.4	159.9	2	A.-Cu.	Cu.	8	A.-Cu.	Cu. NE
30	N	Calm	SSW	SSE	N	Calm	23.9	36.7	57.3	20.1	138	1	------------	Cu.	6	A.-Cu.	Cu. E
Mean	------	------	------	------	------	------	24.3	54.4	68.8	24.6	172.1	2.1	------------	------------	4.5	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	5,163.7	------	------------	------------	------	------------	------------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

MAY, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.67	57.74	58.47	56.51	57.73	58.73	22.6	21.4	29	32.3	28.6	25.8	33.1	20.5	91	92	69	42	60	75	------
2	57.77	58.23	58.92	56.78	57.79	59.68	22.2	23	29	30.2	28	27.7	31.5	21.2	91	91	69	70	67	68	------
3	58.77	58.62	58.82	56.71	57.39	58.30	23.4	22.6	31.5	32 4	29.5	27.5	34	22.3	88	93	56	50	61	67	------
4	57.71	58.19	59.12	57.08	57.25	58.60	23.5	22	29.8	30.3	26.2	24	31.5	21.4	85	91	65	66	87	96	5.3
5	57.52	57.79	58.68	56.14	56.65	57.86	22.4	22.6	29.2	31.2	27.7	25.2	32	21.6	95	95	66	66	87	90	3.8
6	57.12	57.22	57.93	56.58	56.35	57.86	23.5	23.2	30.7	26	28.4	25	31.4	22.3	91	91	69	82	77	88	4.1
7	57.09	57.17	58.05	57.07	57.08	57.83	23	22.6	29.2	23.9	24.5	23.5	30.9	22	94	95	70	96	96	96	14
8	56.87	57.39	58.29	55.78	56.63	58.27	22.4	22.5	28.8	29.7	27.6	24.8	30.2	21.8	96	96	79	73	83	92	22.9
9	57.35	57.92	58.59	56.85	58.11	59.65	23.8	24	28.5	28.8	26.2	24.6	30.4	23.4	95	91	76	74	88	92	------
10	58.52	59.29	59.80	58.19	58	59.96	23.2	23	29.5	27.4	25.8	24.2	30.2	21.9	95	95	74	84	88	93	------
11	59.33	59.39	59.13	57.68	58	59.80	22.4	22.8	30.9	30	28	25.4	32	21.9	95	94	62	74	85	94	2.8
12	58.82	59.10	59.73	57.63	57.95	59.40	25	24.6	26.5	29.5	28.5	23.6	31	22.7	93	95	87	72	74	87	2
13	58.09	58.25	58.75	57.06	57.26	58.76	22	22	29.3	30.5	29.1	25	31.9	21.3	95	91	69	63	60	80	------
14	58.02	58.09	58.50	56.74	57.24	59.17	22.4	22	30.5	31.3	29	26.5	31.9	21.2	91	96	64	67	61	78	------
15	58.57	58.68	58.75	56.71	57.48	59.11	21.6	21	29.2	31.7	26.6	24	32.3	19.7	89	86	66	58	88	96	------
16	58.17	58.88	59.86	58.13	58.30	59.85	22.6	23.5	26.4	26.7	26.5	25.5	27.7	22.2	95	92	81	75	80	80	------
17	58.59	59.38	59.78	57.81	58.50	60.26	22.2	22.5	29.3	30.5	28.8	26	30.9	20.8	90	93	76	66	69	92	------
18	59.17	59.23	59.92	57.93	58.53	60.15	24	23	29.8	31	29.1	25.6	31.9	22	88	93	67	67	69	85	------
19	59.10	59.53	59.78	57.55	57.69	58.94	23.5	23	29.8	33.4	29.2	26.2	34.4	21.7	92	90	67	50	64	71	------
20	58.27	58.46	58.86	57.37	57.53	59.21	22.5	23.6	30.5	29.6	28	27	31.4	22.2	89	90	62	74	74	73	------
21	58.35	58.37	58.67	57.38	58.04	59.52	23.5	25.6	29.5	29.2	28.5	23.8	31.7	22.2	89	84	70	77	62	88	------
22	59.18	59.22	59.68	57.81	58.18	60.44	22.2	22.5	30	31.6	29.5	24.6	32.2	21.2	89	92	70	60	60	87	------
23	60.17	60.65	60.43	58.49	58.58	59.88	22.8	23.6	30	31.5	29.9	24.5	32	21.8	89	88	68	65	58	87	------
24	59.29	59.37	59.47	57.24	57.35	58.46	23.2	22.2	30.8	31	29	24.3	31.9	21.2	90	89	57	65	73	93	------
25	58.14	58.78	58.83	56.77	57.18	58.52	23.4	23.4	30.3	29.5	27.8	24.8	31.3	22.2	91	92	73	68	79	89	------
26	57.52	58.51	59.02	56.98	57.59	59.25	22.9	22.6	29.7	29.5	28.5	25.5	31	22.3	97	96	73	69	78	88	------
27	58.15	58.72	59.07	56.52	57.53	59.08	23.1	23.5	29.5	30.7	28	25.4	31.2	22.9	95	96	76	65	78	80	------
28	58.22	58.30	58.54	56.61	56.76	58.26	23.1	22.8	30.5	30.2	29.3	27	32.1	22	91	93	72	68	72	75	------
29	57.70	58.08	58.32	56.52	57.52	58.10	23.6	23.3	31.9	31.9	24.7	24.3	32.5	22.8	94	92	53	64	86	92	1
30	56.13	56.78	56.88	55.69	55.94	57.46	23.2	25	29.7	29	28.2	24.4	30.4	22.9	98	88	69	81	80	90	.8
31	56.22	56.69	57.47	55.44	56.79	58.61	22.9	22.8	30.1	32	27.9	26.6	32.3	21.9	92	92	68	64	77	71	------
Mean	58.12	58.45	58.91	57.02	57.51	59	23	23	29.7	30.1	28	25.2	31.6	21.9	92	92	69.1	68.2	74.9	84.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	56.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	Calm	SSW	SE	SE	E	23.9	66.2	99.6	28	217.7	3	Ci.	Cu.	3	Ci.	Cu. E
2	NNE	Calm	WSW	NNE	ENE	ENE	19.6	39.4	43.7	27.1	129.8	2	A.-Cu.	Cu.	7	A.-Cu.	Cu. E
3	NE	Calm	SE	ENE	Calm	E	20.6	63	58.9	23	165.5	3	A.-Cu. E	Cu.	4	Ci.	Cu. SE
4	NNE	Calm	WSW	S	N	Calm	20.4	35.4	52.3	15.9	124	3	Ci.	Cu.	8	Ci.-S.	Cu.-N. ENE
5	N	N	SW	S	Calm	E	20.9	39.2	45.1	26.8	132	7	Ci.	Cu.	5	A.-Cu.	Cu. E
6	Calm	N	SSW	E	S	NE	20.7	47.3	53.4	27.7	149.1	7	Ci. ESE	Cu.	10	Ci.-S.	Cu.-N.
7	Calm	NNE	S	NNW	Calm	Calm	19.3	53.4	28.8	14.3	115.8	7	Ci. SE	Cu.	10	Ci.-S.	N.
8	Calm	Calm	S	S	Calm	NW	13.7	48.6	48.8	18.5	129.6	3	Ci.	Cu.	7	Ci.	Cu.-N.
9	Calm	ESE	S	SSE	Calm	Calm	19.6	26	49.6	15.8	111	8	Ci. S	Cu.	10	Ci.-S.	Cu.-N.
10	Calm	Calm	S	Calm	Calm	Calm	15.5	44	28.8	18.3	106.6	3	Ci.	Cu.	10	Ci.-S.	Cu.-N.
11	N	Calm	W	NNE	Calm	N	17.7	48.6	29.2	17.7	113.2	6	Ci. SE	Cu.	5	A.-Cu. E	Cu.
12	Calm	Calm	SE	S	Calm	NE	15.6	30.4	61	20.1	127.1	10	Ci.-S.	Cu.	9	Ci. SE	Cu.
13	N	N	SSW	SSW	SE	E	26.2	44.6	47.2	23.1	141.1	2	Ci.	Cu.	4	Ci. SE	Cu.-N.
14	NE	N	SSW	SSW	ESE	E	23.9	45.3	86.6	24.7	180.5	7	Ci.	Cu.	3	Ci.	Cu.
15	NNE	N	W	S	NNW	Calm	20.7	38.3	69	16.3	144.3	2	Ci.	Cu.	5	A.-Cu.	Cu. E
16	Calm	Calm	WNW	SSE	Calm	E	16.9	21.2	52.5	18.8	109.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
17	S	ENE	S	WSW	SbyE	S	19	44.8	61.2	17.1	142.1	8	A.-Cu. ENE	Cu.	3	A.-Cu.	Cu.-N.
18	NNE	N	S	S	SE	ENE	19.3	45.6	59.7	23.5	148.1	1	Ci.	Cu.	4	Ci.	Cu. ENE
19	NNE	NbyW	SW	ENE	ESE	E	22.5	48.1	62.8	34.8	168.2	1	Ci.	Cu.	4	Ci.	Cu. E
20	N	NbyW	S	N	NE	E	24.1	46.5	28.2	20.9	119.7	7	A.-Cu. SSE	S.	9	Ci.-S.	Cu.
21	ESE	ESE	SSW	S	ESE	ENE	22.8	74.5	77.7	26.6	201.6	3	Ci.	Cu. E	7	A.-Cu. S	Cu. SE
22	N	N	SSW	SW	ESE	W	24.3	43.8	91.5	23.9	183.5	1	Ci.	Cu.	4	Ci.	Cu. E
23	N	N	SSW	SSW	E	NE	19	38	73.4	21.7	152.1	3	Ci.-Cu. SE	Cu.	10	Ci.	Cu. ENE
24	NNE	NE	SSW	S	S	N	19.9	48.3	70	19.5	157.7	8	A.-Cu. ESE	Cu.	9	Ci. SE	Cu.
25	N	NNE	SSW	SSE	SE	E	20.7	45.9	65.7	18.7	151	4	Ci.	Cu.	6	A.-Cu.	Cu.-N. E
26	SSE	NNE	SSE	SSE	S	E	19	52.1	81.6	17.5	170.2	2	Ci.	Cu.	8	Ci.-S.	Cu.
27	NE	NE	SSE	SSE	WSW	WSW	17.2	44.9	38.4	15.9	116.4	8	A.-Cu. NNE	Cu.-N.	6	Ci.-S. NE	Cu.-N.
28	NE	NNW	SSW	SSW	WSW	E	19.1	49.7	56.3	30	155.1	3	Ci.	Cu.	10	Ci.	Cu.-N. NE
29	NNE	N	SSE	S	NNE	N	26	68.2	67.9	22	184.1	7	A.-Cu. ESE	Cu.	9	A.-Cu. E	Cu.
30	N	NE	NW	S	SbyE	W	17.1	58.7	58.5	22.8	157.1	7	A.-Cu. ENE	Cu.-N.	9	Ci.-S.	Cu.-N. SSW
31	N	NNW	SSW	SSW	WNW	ENE	21.5	47.7	54.9	18.2	142.3	4	A.-Cu. ESE	Cu.	4	Ci.	Cu.-N. E
Mean	------	------	------	------	------	------	20.2	46.7	58.1	21.6	146.6	4.8	------	------	6.8	------	------
Total	------	------	------	------	------	------	------	------	------	------	4,545.9	----	------	------	----	------	------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

JUNE, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.45	57.73	58.14	56.26	56.68	58.76	21.6	21.1	29.9	31.5	29.7	26.8	33.2	20.5	93	95	66	62	64	74	------
2	58.28	58.22	58.49	56.23	56.93	58.65	22.3	22	30.5	31	29	25.4	32.5	21.8	92	91	59	65	68	86	------
3	57.60	57.56	57.88	56.41	56.86	58.87	25.1	24.1	30.7	32	28.7	26	34	23.9	92	95	62	57	71	81	------
4	58.06	57.66	58.27	56.42	56.63	58.01	24.8	24.2	32	32.3	30	26.5	33.7	23.6	95	93	53	49	60	77	------
5	58.07	57.69	57.60	56.42	57.16	58.17	23.5	23.8	29.7	27.8	25.3	24.6	31.7	22.9	95	91	69	82	93	94	3.6
6	57.99	57.44	57.78	56.04	56.88	59.10	23.9	23	29	31.7	29.5	24.4	34	22.5	91	95	76	59	64	90	.8
7	58.56	58.14	58.60	57.02	57.49	59.17	24	23	29.4	33.2	29.5	25.6	33.7	22.4	91	92	75	53	68	79	------
8	58.37	58.66	59.19	57.55	57.83	59.63	23.8	23.6	29.2	30	28	24.9	31.2	22.4	92	89	67	70	82	87	------
9	58.89	58.93	59.28	56.80	57.47	59.10	23.1	21.6	29	31	29.3	25	31.6	20.8	96	90	68	67	74	81	------
10	58.33	58.72	58.73	56.65	57.52	58.56	23.7	21.9	30.3	30.8	29.5	24.4	32	21.6	88	93	67	68	61	84	------
11	58.14	58.05	58.69	56.41	57.24	58.45	21.4	21.6	30.5	30.8	28.3	25.1	32	20.7	90	91	66	67	70	87	------
12	58	58.28	58.57	56.78	58.13	59.55	23.6	22	30.4	30.6	28	25.3	31.8	20.6	78	88	68	65	67	89	23.1
13	58.44	59.65	59.73	58.48	59.25	60.45	23.3	23.8	28	27.1	26.2	23.6	30.3	22.9	98	92	75	84	85	97	------
14	59.44	59.54	59.88	57.75	58.74	60.16	23	22	29.2	30.5	28.3	26.5	31	21.5	90	96	74	70	80	83	------
15	58.68	59.44	59.83	59.35	59.50	60.42	24.6	23.5	30	24	24.7	23.6	31.1	23.1	95	96	73	91	94	97	7.6
16	59.91	59.76	60.40	58.35	58.92	60.33	22.9	21.7	29.2	29.1	26	25.1	30	21.3	96	99	74	70	91	90	2.5
17	59.48	60.17	61.01	59.51	59.53	60.06	24.4	23.9	24.7	27	24.7	24.2	28	23.2	97	96	92	75	92	90	10.9
18	59.94	59.96	60.29	58.81	59.04	59.18	23.2	22.9	28.4	29.5	28.5	25.2	30	22.6	99	97	77	73	74	89	------
19	59.29	59.32	59.96	57.57	57.78	58.55	23.6	25	29	29	28.5	26.6	30	23	97	88	76	77	74	88	------
20	58.39	58.74	59.03	57	57.05	58.30	24.3	23.4	29.3	29.6	28.9	27	30.9	23.1	88	95	74	70	73	80	17
21	58.27	58.34	57.78	56.43	56.98	58.02	23.8	23.5	29	29.5	28	26.2	29.9	22.5	96	97	71	68	76	91	5.1
22	58.79	57.77	57.53	56.82	57.22	58.49	24.2	23.5	30	26.3	23.7	24.8	30.8	23	94	94	63	80	91	90	7.4
23	57.89	57.55	57.24	56.18	57.03	58.85	23	22.1	29.2	30.5	26.7	24.3	31.8	21.8	96	97	66	65	77	93	------
24	57.78	57.67	57.55	56.65	56.99	58.67	23.4	23	30.4	26.9	27.3	24.4	31.8	22.3	93	95	68	84	83	95	24.6
25	57.98	58.20	58.45	56.52	57.48	59.05	23.6	22.8	29.3	30.3	26.2	24.1	31.2	22.3	93	96	74	72	85	95	40.6
26	57.98	58.51	58.93	56.91	58.03	59.46	24.7	25.2	29	30.8	28	24.1	31.5	22.6	81	88	74	63	72	95	------
27	57.83	58.20	58.67	56.33	56.71	59.09	23	22.1	29.1	30.2	29	27.4	31.1	21.8	90	96	72	64	64	70	------
28	58.38	57.77	58.63	57.23	57.93	59.39	22.9	22	28.9	30.4	28	25.3	31.3	21.5	85	94	69	65	79	88	------
29	58.67	58.92	59.80	57.49	57.80	59.52	23	22	28.8	31.1	28.6	24.6	31.8	21.7	93	96	71	59	73	91	.8
30	58.99	58.85	58.96	56.85	57.73	58.97	24.1	23	30.4	30	24.5	23.4	31.8	21.7	87	95	64	71	93	95	17.5
Mean	58.46	58.51	58.83	57.11	57.68	59.10	23.5	22.9	29.4	29.8	27.7	25.1	31.5	22.2	92	93.7	70.1	68.8	76.6	87.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	161

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNE	NNE	SSW	S	NE	NE	20.9	44.8	65.4	20.7	151.8	2	Ci.-S.	Cu.	6	Ci.	Cu.-N. NE
2	NE	N	SSW	S	E	E	26.6	43.3	72.6	16.4	158.9	2	Ci.	Cu.	7	Ci.	Cu.-N. E
3	NE	NNE	SE	ESE	SE	ESE	16.3	59	79.2	35.4	189.9	8	Ci. S	Cu.-N. E	7	A.-Cu. E	Cu.
4	NE	N	ESE	ESE	NE	ENE	19.6	60.4	74.3	15	169.3	7	Ci.	Cu.-N. ESE	7	Ci.	Cu. E
5	NNE	N	SW	SSE	ENE	NNW	21.9	43.7	73.2	20.9	159.7	4	Ci. ESE	Cu.	10	Ci.-S.	Cu.-N. E
6	N	NW	SE	SSE	SE	E	24.9	63.1	88.8	24.3	201.1	4	A.-Cu. E	Cu.	5	Ci.	Cu. E
7	E	NE	SSW	ESE	EbyS	E	22.2	45.1	64.6	15.5	147.4	6	Ci.-S.	Cu. E	10	Ci.-S.	Cu.-N. E
8	E	NE	ESE	S	SE	E	20.1	54.4	59.3	15.3	149.1	8	Ci.-S. SSE	Cu.-N.	10	Ci.-S.	Cu.-N. SE
9	ESE	NE	SSW	S	SSE	NE	19.9	38.8	64.4	26	149.1	3	Ci.-Cu. ESE	Cu.	10	Ci.-S.	Cu.-N.
10	SW	NE	S	S	SE	NNE	22.3	44.6	99.6	24.4	190.9	2	Ci.-S.	Cu.	5	Ci.	Cu. NE
11	SSW	N	SSW	SSW	NNE	W	21.1	51.7	62.2	23	158	7	Ci. S	Cu.	7	A.-Cu.	Cu.-N. E
12	NNE	N	S	WSW	ENE	NNE	22.5	35.7	53.3	18.3	129.8	6	Ci.	Cu.	9	Ci.-S.	Cu.-N. E
13	NE	E	W	SSE	NW	N	21.9	30.1	34.4	15	101.4	10	------	N.	10	Ci.-S.	Cu.-N. E
14	NE	N	S	S	SE	NbyE	18	50.2	85.3	25.1	178.6	4	Ci. E	Cu.	7	Ci. ESE	Cu.
15	NNE	N	S	ENE	Nbyw	NNW	22.3	37.5	30.4	12.1	102.3	9	Ci.-S.	Cu.-N.	10	------	Cu.-N. W
16	N	Nbyw	S	S	NE	ENE	------	------	28.5	16.9	------	4	Ci.	Cu.	9	A.-Cu. NE	Cu.
17	E	E	NNE	SEbyE	Calm	NE	17.2	29.3	22.3	14.3	83.1	10	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu.-N. W
18	SE	E	ESE	ESE	Calm	SE	15.3	56	67.4	29	167.7	9	Ci.	Cu.-N. SW	10	Ci.-S.	Cu.
19	E	NE	SSE	S	S	E	16.6	26.8	63.8	26.8	134	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
20	E	N	SSE	SSE	SE	SE	27.1	60.7	62.5	18	168.3	6	Ci.	Cu.	9	Ci. NNE	Cu.
21	SE	E	SSE	SSE	SSE	SE	34.3	62	50.7	15.6	162.6	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
22	SE	EbyS	S	ENE	N	N	39.1	54.2	51.3	20.6	165.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
23	NE	N	S	WSW	NNW	N	18.2	33.2	54.4	20.7	126.5	5	Ci.-Cu.	Cu.	7	Ci. NW	Cu. NE
24	NNE	N	WSW	SSE	N	N	15.1	39.2	47.3	18	119.6	8	Ci.	Cu.	10	Ci.-S.	Cu.-N.
25	NE	N	SSW	S	ENE	NE	17.7	30.4	49.7	19	116.8	9	A.-Cu. E	S.-Cu.	8	Ci. SE	Cu. E
26	N	E	SSW	S	NW	NW	37.5	33.6	68.7	23.6	163.4	8	A.-Cu.	Cu.-N. S	4	A.-Cu. SE	Cu.
27	E	N	SW	WSW	SE	NE	18.2	33.8	42.1	27.4	121.5	7	Ci.	Cu.	9	Ci.-S.	Cu.
28	NNE	N	SW	SSE	NNE	NNE	22.2	34.6	41.6	17.5	115.9	6	Ci. E	Cu.	9	Ci.-S.	Cu.
29	N	NE	NNW	SSE	NE	N	15.9	28.5	37.3	22.2	103.9	5	A.-Cu.	Cu.	8	Ci.-S.	Cu.-N.
30	NNW	N	S	SE	NE	NNE	18.2	33.3	46.9	17.4	115.8	3	Ci.	Cu.	8	Ci.	Cu.-N. E
Mean	------	------	------	------	------	------	21.8	43.4	58	20.5	144.9	6.4	------	------	8.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

ORMOC.

[ϕ=11° 00′ N ; λ=124° 36′ E ; barometer above sea, 5.6 meters ; gravity correction not applied, —1.83 mm.]

JULY, 1909.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.20	56.74	57.55	55.83	56.37	57.32	22.8	22.5	28.3	27.8	26	23.6	29.9	22.3	97	97	78	79	92	98	------
2	56.47	55.95	56.92	55.14	55.50	57.26	22.5	21.4	25	29.8	25.4	23.1	30.3	21.3	96	96	92	68	88	95	0.5
3	56.80	56.34	57.05	56.17	55.89	58.12	22.4	21.7	28.4	25.5	26.7	24.5	30.1	21.5	93	97	71	92	85	97	7.1
4	57.39	57.08	58.01	56.29	56.85	58.26	23	22.7	28	27.5	27	25	29.5	22.3	93	97	79	79	86	90	2.3
5	57.94	57.15	57.27	55.79	57.21	58.01	23.7	22.3	27.2	27.8	24	23.2	29.8	21.9	95	96	78	82	93	99	17.5
6	58	56.90	57.54	56.40	56.97	58.03	23	22.6	28	28.8	23.4	23.6	29.4	22.3	98	98	73	76	98	98	41.7
7	57.22	57.83	57.44	56.70	57.68	58.92	23.6	23.5	26.7	28.6	25	24.3	29.1	23.1	97	97	81	72	94	95	1.3
8	57.58	58.19	58.84	57.26	58.02	59.28	23.6	23.4	26.7	27.5	26.3	23.5	28.4	22.9	96	96	85	78	90	91	1.8
9	58.49	58.95	58.63	56.89	57.59	59.06	22.6	22.4	29.3	29	28.5	25.7	30	21.9	97	96	74	70	76	87	------
10	57.94	58.23	58.23	57.38	57.81	57.99	24.2	23.6	28.5	22.8	24	23.9	29.4	22.8	96	97	75	100	96	95	55.4
11	57.70	57.19	58.01	56.47	56.46	57.96	23.4	23.2	26.8	27.6	26	24.5	28.3	22.8	97	98	84	76	86	92	8.4
12	57.41	56.69	57.55	56.27	57.13	58.29	23.7	23.5	27.3	23.6	22.8	23.5	28.4	22.5	88	87	75	95	99	96	23.1
13	58.03	57.74	59.08	57.29	57.19	59.17	23.2	24.3	26.5	28.2	27.5	24	29.3	22.6	95	86	86	72	83	91	1.8
14	58.18	58.69	59	57.61	58.27	59.67	23.5	22.5	29	29	24.8	22.5	30	21.6	94	96	69	67	89	93	2
15	58.79	58.64	58.61	57.07	58.36	59.38?	21.4	21	28.8	29.7	24.5	23.3	30.8	20.5	94	95	69	73	90	89	11.9
16	59	58.89	59.13	57.94	57.25	59.32	22.1	22.2	28.4	27.3	24.9	24	29.2	21	90	93	70	82	95	91	7.9
17	58.17	57.22	58.11	56.83	56.94	58.96	22.6	22.2	27.5	28.2	27.8	24.1	28.8	22	96	96	77	72	78	91	2.3
18	57.98	57.57	58.60	57.40	57.30	59.40	23.6	22.2	28.5	28.7	28	26	29.6	21.8	88	96	78	69	77	89	9.4
19	58.99	59.48	59.84	58.01	58.11	59.29	24.2	23.5	27.1	28.8	27.6	25.3	30	22.8	87	96	79	74	81	91	47.5
20	59.22	59.64	59.84	58.36	58.31	59.15	24	23	26.7	27.5	26.5	24	28.3	22.4	91	93	80	81	76	91	3.3
21	58.68	58.32	58.80	57.65	57.35	58.76	23.5	23.6	25.8	26.5	26.5	24.3	29	22.8	92	92	84	82	83	93	13.7
22	58.47	57.88	58.40	57.06	57	58.57	24.5	23.9	27.7	29.3	26.8	24.6	29.9	23.2	85	92	76	68	86	86	------
23	58.48	58.08	58.48	56.72	56.50	58.13	24.3	23.4	29	29.2	27.3	24.1	30	23	86	89	70	66	82	86	------
24	57.29	56.87	57.17	55.53	56.39	57.21	24	26	29	28.8	25.4	25	29.9	22.9	94	91	73	73	92	90	11.2
25	56.88	56.37	56.58	55.31	55.89	57.55	26.9	26.5	28.4	29.5	29.3	28.1	30.2	23.4	79	84	71	68	69	79	------
26	56.78	56.66	57	55.66	56.02	58.20	27.6	27.3	28.7	30.5	28.7	28.7	30.9	26.8	77	77	74	66	73	69	------
27	56.81	56.49	57.63	56.25	56.42	57.81	27.7	27.5	29	30.3	28.5	28.9	31	25.5	76	81	74	66	70	73	------
28	56.58	55.94	56.48	54.34	54.75	56.62	27.6	27.6	28.7	30	29.6	28.9	30.9	27.4	74	74	73	65	69	76	------
29	55.60	55.84	56.42	54.91	54.65	57.65	28.9	28.1	29.1	30.8	29.6	29.1	31.3	28	71	73	70	63	70	70	------
30	56.98	57.84	58.28	57.16	57.55	59.64	28	28	29.2	30.5	29	25	31	24.7	81	81	76	68	71	92	------
31	58.36	58.42	58.93	57.69	57.46	59.60	24.8	23.5	29.2	29.5	29	25.8	30.3	23.2	89	93	71	73	71	89	9.1
Mean	57.76	57.54	58.05	56.63	56.94	58.47	24.2	23.8	28	28.3	26.7	25	29.8	23	89.7	91.3	76.3	74.7	83.5	89.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	279.2

Day.	Wind. Direction. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Total movement in 6 hours. 6 a. m.	Noon.	6 p. m.	Midnight.	Total movement in 24 hours.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	ESE	N	S	WNW	N	N	21.5	37.3	30.6	18	107.4	8	A.-Cu. NE	S.-Cu.	10	Ci.-S.	Cu.-N. SE
2	NE	N	WSW	SW	NNE	N	22	19.3	30	17.5	88.8	10	Ci.-S.	S.-Cu.	5	A.-Cu. E	Cu. E
3	NNE	N	WSW	S	Calm	NNE	19.6	23.6	38.3	12.3	93.8	6	Ci.-S.	S.-Cu.	10	------	N.
4	NE	N	SSW	SSE	Calm	NNE	15.1	32.8	44.1	13.5	105.5	10	Ci.-S.	N.	10	A.-Cu. E	Cu.-N.
5	N	NNE	N	SSW	NE	N	17.5	29	33.6	19	99.1	8	A.-Cu.	S.-Cu.	6	A.-Cu.	Cu.-N. E
6	NNE	N	WSW	SSE	N	N	17.1	30.3	53.9	11.8	113.1	10	------	N.	10	Ci.-S.	Cu.-N. SE
7	NNE	N	SSE	SSE	N	Calm	19.1	32	46.7	16.4	114.2	10	------	N.	10	A.-Cu. SE	Cu.-N.
8	N	NNE	SE	SE	NNW	NNW	13.5	29	20.9	15.3	78.7	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N.
9	N	NbyW	S	SSE	Calm	ESE	18.2	37.5	57.1	19.1	131.9	9	A.-Cu. W	Cu.-N.	9	Ci.-S.	Cu.
10	E	Calm	SSE	EbyN	E	ENE	12.1	56	39.2	18	125.3	9	A.-Cu. NW	Cu.	10	------	N. WbyS
11	Calm	NNE	S	SSE	N	NNE	15	24.7	38.8	13.5	92	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. W
12	NE	ENE	SE	SE	ENE	E	22.5	34.6	78.6	14.2	149.9	10	------	S.-Cu.	10	------	N. S
13	NNW	E	SSE	SSE	SSE	E	21.4	49.9	45.7	14.5	131.5	9	Ci. NNE	Cu.-N.	10	Ci.-S.	Cu.-N.
14	NNE	NE	SSE	SEbyS	E	E	17.5	34.9	33.8	17.2	103.4	9	Ci.-S.	Cu.	9	A.-Cu.	Cu.-N.
15	NNE	N	WSW	SSW	E	ESE	18.2	38.3	56.9	18.2	131.6	6	Ci.	Cu.	5	A.-Cu.	Cu.-N. E
16	NE	NNE	WNW	S	N	N	17.7	30	29	19.9	96.6	7	A.-Cu. N	Cu.	10	Ci.-S.	Cu.-N. E
17	NNE	N	S	SSE	E	N	21.1	38.1	24.1	16.9	100.2	6	Ci. E	Cu.	9	Ci.-S.	Fr.-N.
18	ESE	N	SSE	SSE	S	ESE	16.1	51.2	44	22.5	133.8	5	Ci. EbyN	Cu.	8	Ci.-S.	S.-Cu. SE
19	ENE	NE	ENE	S	E	NNE	32.4	18.3	33.8	23.9	108.4	10	------	N.	9	Ci.-S.	Cu.-N.
20	NNE	EbyN	N	WNW	NNW	NNW	33.2	40.2	38.4	18	129.8	10	------	Cu.-N. NW	10	Ci.-S.	Cu.-N. NW
21	ESE	SE	S	N	SSW	EbyS	21.9	35.7	36	30	123.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. W
22	SE	E	SSE	S	SSE	NNE	25.9	55	51.8	20.7	153.4	8	A.-Cu. S	Cu.-N. S	8	Ci. E	Cu.-N.
23	Calm	N	S	SSE	S	NNE	13.5	38.9	49.4	12.7	114.5	7	A.-Cu.	Cu.-N. SE	8	Ci.	Cu.-N.
24	N	Calm	S	SSE	S	ESE	92	51.7	63	22.8	146.7	6	Ci.-S. E	S.-Cu.	8	Ci. E	Cu.-N. SE
25	S	S	SbyE	SSE	S	S	124.4	101.6	88	120.5	434.5	10	Ci. E	Cu.-N. WbyS	9	Ci.-S.	Cu.-N. W
26	S	SSE	S	S	SSW	SSW	91.4	108.8	141.4	104.4	446	9	A.-Cu.	Cu.-N. S	10	A.-Cu. W	Cu.-N. SW
27	S	S	S	SSW	SSW	SSW	73.7	135.4	101.6	112.9	423.6	9	Ci.	Cu.-N. SW	9	Ci.-S.	Cu.-N. WbyS
28	S	SbyW	S	S	S	S	122.3	149.7	140	130.2	542.2	10	Ci.-S.	Cu.-N. SSW	10	Ci.-S.	Cu.-N. SW
29	S	S	S	SSW	SSW	SbyW	170.3	167.8	152.3	134.9	625.3	10	Ci.-S. N	S.-Cu.	9	Ci.-S.	Cu.-N. SW
30	SSW	SbyW	S	S	WSW	S	86.1	108.9	104.3	28.2	327.5	10	Ci.-S.	Cu.-N. SW	8	Ci.	Cu.-N. SW
31	S	Calm	SSE	SSE	Calm	W	17.1	50.7	85.8	29.6	183.2	2	Ci.	S.-Cu.	7	Ci.-S.	Cu. W
Mean	------	------	------	------	------	------	37	54.6	59.1	35.1	185.7	8.5	------	------	8.9	------	------
Total	------	------	------	------	------	------	------	------	------	------	5,755.5	------	------	------	------	------	------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, −1.83 mm.]

AUGUST, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.35	58.37	59.05	57.32	57.44	58.92	24.5	24	28.8	29.5	28.7	25.8	30	23.3	93	93	72	71	75	90	------
2	58.77	56.97	57.85	56.47	56.60	58.27	24.9	23.9	29	29.8	28.7	25.3	30.1	23.7	92	97	78	66	73	85	10.9
3	57.94	57.72	58.40	56.64	56.40	58.35	24.3	23.3	26.4	29	28.5	25.3	29.8	22.4	93	89	84	71	70	91	15.7
4	58.18	57.69	58.20	56.91	57.12	58.72	23.6	23.1	27.4	29	28.2	26.5	29.9	23	97	99	83	71	73	78	------
5	58.12	58.47	58.88	57.73	57.48	59.83	25	24	28.7	29.5	28.6	26.4	30.5	23.6	88	93	76	68	70	83	3.3
6	58.98	58.43	59.08	57.86	58.29	59.76	24.1	23.7	29.2	31	28.5	27	31.4	23.4	97	98	71	59	70	84	6.4
7	58.98	58.69	59.30	57.36	57.37	59.81	23.6	22.6	29.2	29.9	29	24.7	31.2	22.4	96	98	70	62	67	92	1.3
8	58.97	59.13	59.64	57.83	57.78	59.45	23.5	23.8	29.3	30.2	28.5	24.5	30.8	22.9	96	95	65	65	84	94	------
9	59.18	59.39	60.09	58.47	58.97	60.84	23.3	23.3	29.5	30.5	28.7	24.3	30.9	22.3	95	95	75	68	73	90	------
10	59.97	59.59	60.09	58.44	58.87	60.71	23.3	23	29.2	29	28.4	26.5	30.9	22.9	97	95	75	74	77	82	31.5
11	59.96	59.62	59.74	57.68	57.69	59.69	24.6	22.3	28.7	30	28.8	26.5	30.5	22.2	95	98	74	67	70	82	------
12	58.98	58.69	58.69	56.32	57.13	59.23	23.7	23.2	29.6	31.2	26.4	24.4	31.8	22.6	93	96	71	60	91	96	15.7
13	58.47	58.69	59.69	57.86	58.50	59.41	23.1	22.1	29.5	29	28.4	25.3	31.5	22	96	98	70	78	76	92	.3
14	58.90	59.22	60.80	59.25	59.05	60.65	24.5	24.4	24	26.5	25.4	24.5	27	23.6	92	92	95	80	91	86	11.4
15	60.22	59.23	59.43	57.48	57.66	59.15	22.8	21.3	28	29.5	28.2	24.4	30.2	21.1	90	95	70	64	72	93	------
16	58.82	57.88	57.84	56.76	56.72	58.85	22.5	22	28.4	30	28.7	23.5	30.4	21.8	95	95	76	64	73	91	3
17	57.76	57.94	58.73	57.33	57.53	60.18	24.3	23.7	28.5	29.2	28	22.9	29.9	22.2	91	91	74	70	77	95	9.7
18	58.69	58.55	60.06	59	59.30	60.61	22.5	23	25.3	26.5	25.6	24.2	28.4	22	100	98	93	84	88	87	8.4
19	59.27	59.72	60.28	58.51	58.52	59.93	24.3	24.1	28	28.9	28.1	25.2	30.2	23.2	94	95	70	68	77	90	------
20	59	58.69	58.92	56.76	56.79	58.71	22.6	21.5	29.5	30.8	28.4	24.7	31.3	21.3	95	95	65	65	77	89	------
21	57.82	57.77	58.68	56.61	57.41	58.91	23.1	21.9	29.2	30.6	28.2	26.7	32.5	21.5	94	96	73	63	72	76	------
22	58.58	58.53	58.72	58.15	57.67	59.06	23.9	22.3	29.6	26.5	26	23.8	31.2	22	93	94	70	80	88	91	2.5
23	58.90?	58	58.70	56.87	58	58.95	23.3	22.5	28.7	29.3	25.2	24.1	31.3	22	94	96	71	72	93	97	7.9
24	58.19	58.19	58.75	56.58	57.25	59.05	24	23.2	28.3	31.7	25.8	24.9	32.1	23	95	98	78	63	85	94	4.6
25	57.99	57.84	58.35	56.47	58.14	59.34	24.4	23.6	29	26.7	23.5	23.1	30.7	22.5	91	96	74	90	97	99	99.6
26	58	57.30	58.35	56.53	57.25	58.33	22.5	21.6	27.2	29.5	27.8	24.3	30.2	21.4	99	98	79	63	83	89	------
27	57.99	57.96	58.75	56.71	57.13	58.70	22	21.5	29.5	30.8	28	24.6	31.2	21.2	96	97	66	67	80	91	------
28	57.97	57.82	58.67	56.31	56.56	58.41	22.8	22.1	29.5	31.5	29	25	32.3	21.7	97	96	65	66	72	92	------
29	57.98	57.48	58.08	56.08	56.11	58.37	22,9	22.5	30.2	30.8	30	25	32	22	95	96	65	67	65	92	------
30	57.56	57.08	58.05	56.16	57.07	58.40	23.3	22.2	30	30.5	24.5	24.1	31.4	22.1	93	96	69	63	92	95	.8
31	57.99	57.48	58.08	55.96	57.20	58.90	22.9	21.8	29.2	31	28	26.5	31.7	21.6	99	98	71	63	79	79	------
Mean	58.60	58.33	58.97	57.24	57.58	59.27	23.6	22.8	28.6	29.6	27.7	25	30.8	22.4	94.5	95.7	73.8	68.8	78.4	89.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	223

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	ENE	S	SSE	S	NE	23.8	58.7	83.5	14.8	180.8	9	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.
2	N	Calm	SSE	SSE	Calm	N	16.6	68.2	56.9	23.3	165	10	Ci. E	S.-Cu.	6	Ci. E	Cu.-N.
3	NNE	E	SSW	S	S	N	29.3	52.6	63.4	17.2	162.5	7	A.-Cu. SE	S.-Cu.	6	A.-Cu. NE	Cu.
4	N	Calm	SSW	SSE	S	E	11.3	45.6	73.7	21.1	151.7	9	Ci.-S.	Cu.-N.	4	Ci. SE	Cu.
5	NE	N	SSE	SE	SSE	S	15.6	61.7	85.9	30.4	193.6	9	A.-Cu.	Cu.-N. SbyW	3	Ci. E	Cu.
6	N	ENE	SSE	S	SSE	E	13.5	71.4	63.8	28.5	177.2	3	Ci.	S.-Cu.	3	Ci.	Cu.
7	E	Calm	S	S	S	NW	10.2	33.3	47	15.3	105.8	4	A.-Cu.	Cu.	8	Ci.	Cu.-N. E
8	Calm	Calm	S	S	Calm	NW	16.3	32.7	42.3	14.5	105.8	3	A.-Cu.	S.-Cu.	6	Ci.	Cu.-N. E
9	Calm	N	S	S	SSE	N	15.6	45.6	70.6	13.5	145.3	5	Ci. E	Cu.-N.	7	Ci. E	Cu.
10	N	N	S	SSE	SSE	ENE	11.8	47.5	51.8	16.3	127.4	2	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N. SE
11	NNE	NE	SSE	S	SSE	E	29	56.1	62	19.9	167	7	Ci.	Cu.	4	Ci.	Cu.-N. E
12	N	NW	S	SSW	E	NNE	15.5	36.7	35.1	12.4	99.7	3	Ci.	Cu.	4	Ci.-S.	Cu.-N. E
13	NNE	Calm	SSW	SSE	SE	NNW	11.9	26.2	42.6	19	99.7	4	Ci. E	Cu.	10	Ci.-S.	Cu.-N.
14	N	Calm	EbyS	SSE	Calm	E	12.7	31.7	26.2	12.7	83.3	9	Ci.-S.	Cu.-N.	9	A.-Cu. E	Cu.-N.
15	Calm	Calm	S	S	SE	NE	10.5	26.9	43.1	10.7	91.2	3	Ci.	Cu.	7	Ci.	Cu. SE
16	N	N	SSE	SSE	SSE	ESE	13.4	38.8	58.9	24.7	135.8	6	Ci.-S. EbyN	Cu. SW	5	Ci.	Cu. W
17	ENE	NE	SSE	S	SE	S	15.5	45.1	81.1	44.5	186.2	9	Ci.-S.	Cu.	8	Ci.-S. E	Cu. W
18	Calm	N	E	NNE	Calm	E	11.1	34.8	28.8	28.4	103.1	10	Ci.-S.	Cu.-N. S	10	Ci.-S.	Cu.-N.
19	E	ESE	S	S	Calm	N	21.5	41.6	29.3	12.3	104.7	10	------	Cu.-N. S	8	Ci.-S.	Cu.-N.
20	N	N	S	S	SE	N	15.6	29.8	45.9	16.7	108	3	Ci.	Cu.	3	Ci.-S.	Cu. E
21	N	N	SW	S	SE	Calm	14.3	23.9	40.2	16.6	95	2	------	Cu.	6	Ci.-S.	Cu.-N. E
22	NE	NNE	S	S	Calm	NNE	21.1	43.7	50.1	11.8	126.7	5	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N. ENE
23	N	N	W	SSW	N	N	18.2	27.2	49.9	12.9	108.2	7	A.-Cu.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
24	N	Calm	SW	SSW	N	SE	12.4	19.3	58.9	14.5	105.1	9	A.-Cu.	Cu.-N. E	7	Ci.-S.	Cu.-N. ENE
25	Calm	Calm	SW	SE	W	EbyN	11.6	30.6	34.4	45.6	122.2	8	Ci.-S. SE	S.-Cu.	10	Ci.-S.	Cu.-N.
26	Calm	Calm	S	SSW	Calm	N	8.6	37.2	39.1	13.5	98.4	8	A.-Cu. NE	S.-Cu.	4	Ci.-S. NE	Cu.
27	N	Calm	SSW	S	Calm	NNE	12.4	32.2	56.1	10.7	111.4	3	Ci.	Cu.	5	Ci.-S.	Cu. NEbyE
28	N	NNW	SW	S	SE	NE	12.9	26.6	36.8	13.1	89.4	2	Ci.	Cu.	6	Ci.	Cu.-N. NNE
29	NNE	Calm	S	SSW	N	Calm	17.4	58.2	44.8	9.5	129.9	3	Ci. W	Cu.	5	Ci.	Cu.-N. E
30	NNE	N	W	SSE	N	NNW	16.3	30.9	42.3	13.1	102.6	3	Ci-S	Cu.	9	Ci.-S.	Cu.-N.
31	N	Calm	SSW	SSW	N	Calm	11.5	29.3	41.8	15.9	98.5	8	Ci-S	Cu.	7	Ci.	Cu.-N. ENE
Mean	------	------	------	------	------	------	15.4	40.1	51.2	18.5	125.2	5.9	------	------	6.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	3,881.2	------	------	------	------	------	------

ORMOC.

[φ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

SEPTEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. tc.*	*P. ct.*	*P. ct.*	*mm.*
1	58	57.37	58.16	56.62	56.67	58.35	23	22.1	30.3	28.2	25.2	25.5	31.3	22	97	97	66	77	88	90	2.5
2	57.98	57.79	58.30	56.05	56.92	58.68	24.5	23.6	29	30	25.5	24.8	30.8	23.4	93	96	74	71	91	97	23.9
3	58.01	57.59	58.56	56.50	57.25	58.80	23.8	23.5	27	28.3	27.2	24.3	28.7	23.1	94	96	80	73	83	96	41.1
4	57.97	58.10	58.28	56.09	56.75	58.32	23.3	22.6	27	28	26.3	24.5	29.1	22.4	98	98	78	70	82	95	5.6
5	57.51	57.39	57.99	56.29	56.85	58.92	24.5	24.3	26.8	29	26.4	23.8	29.5	23.2	93	93	77	64	85	95	41.1
6	57.98	57.33	58.38	56.07	56.23	58.04	23.5	23.1	28.7	30.2	28.5	27.6	30.7	22.9	93	94	70	64	78	76	------
7	57.01	57.15	58.07	55.87	56.42	58.22	27.5	25.3	28.8	30	29	25.5	31.3	25	77	85	72	57	72	91	------
8	57.48	57.07	58.08	56.04	57.28	57.66	25.9	27	29	29	27	23.5	29.4	22.9	83	73	68	68	77	97	7.4
9	57.30	57.27	57.82	56.21	56.83	58.48	23.4	24.9	29.4	30	27.6	25	30.5	23	91	88	64	66	76	89	------
10	57.98	58.19	58.43	56.95	57.68	58.67	24.3	23.4	30.5	30.6	27.5	25.6	31.5	23.1	94	97	65	65	87	91	------
11	57.98	58.08	58.33	56.50	57.14	58.24	25	24.2	30.5	29.8	27.5	26	31.2	24	93	95	63	70	81	85	------
12	57.97	57.07	57.65	55.78	55.72	57.51	24.5	24	29	30.2	28.4	25.6	30.7	23.4	94	92	76	68	76	86	2.3
13	56.93	56.76	57.22	55.20	55.40	57.21	25.6	27	29.2	29.8	28.6	25.5	30.5	24.3	90	82	71	67	77	92	------
14	56.49	55.70	55.94	54.31	54.77	56.21	23.6	23.1	29.5	30.3	29	28.5	30.7	22.6	97	96	69	66	72	78	------
15	55.69	55.26	56.33	54.66	55.30	56.41	27.3	26.7	30.2	31	26.7	28.5	31.3	24.9	75	79	70	67	82	76	3.3
16	56.01	56.71	56.65	55.35	57.09	57.57	27.5	25.1	28.8	29.2	22.5	22.9	30.2	22	85	94	73	67	99	99	29.2
17	57.40	56.68	57.28	55.75	56.06	57.81	23.5	23.7	28.6	28.5	27.9	27.5	29.2	22.7	100	98	75	70	78	82	2.5
18	56.69	56.45	57.16	55.42	56.19	57.02	26.9	27.1	30.2	29.8	27.5	25.6	31.1	24.8	85	84	69	69	82	93	------
19	56.48	56.90	57.68	55.72	56.45	57.61	24.5	26.4	29.3	29.5	27.7	24.3	30.5	23.1	90	86	74	69	71	90	------
20	57.39	58.26	58.04	56.77	57.60	58.58	23.8	23.7	29.8	29.7	27.7	24.5	31.2	23.3	95	94	71	72	82	88	------
21	57.98	58.38	58.66	56.97	58.29	59.47	23.7	22.1	29.5	31.5	28.8	27	32.1	21.7	85	96	75	64	77	73	------
22	58.99	59.72	59.47	57.57	58.38	59.89	23	22	30.5	29.5	28.5	25	31.5	21.6	96	92	59	76	77	91	.5
23	58.77	58.81	59.59	58.20	58.27	59.40	25	24.3	26	26.4	23	22.1	27.7	21.3	94	91	88	90	96	96	14.5
24	58.98	58.38	59.12	57.27	57.94	59.26	22	24	28	28.7	28.2	25.7	29.4	20.8	88	92	74	71	72	85	------
25	58	58.07	58.77	56.68	57.76	59.54	26.6	27	28.5	30	27	24.8	30.4	24.1	82	81	74	66	75	90	------
26	58.48	59.34	60.11	58.22	59.10	61.96	23.8	23.9	29.8	29.5	27.8	24.5	30.4	23.3	95	94	71	69	79	91	1.8
27	61.19	61.30	62.02	60.23	60.40	61.96	23.5	23	29.5	26.7	26.8	23.2	30.8	22.2	96	96	63	83	87	91	------
28	60.96	60.78	61.34	58.39	58.68	59.61	21.7	21.5	28.2	29	26.2	24	29.7	21.3	99	95	77	71	88	95	1.5
29	58.58	57.80	57.78	55.92	56.62	57.24	22.6	22.4	29.5	24.1	23	23.2	31.1	21.8	97	96	68	84	95	96	19.3
30	57.13	56.67	57.56	55.26	56.57	57.59	22.7	22.4	28.2	29.3	23.5	22.5	30.5	21.7	95	96	73	74	96	96	7.9
Mean	57.84	57.75	58.29	56.43	57.09	58.48	24.4	24.1	28.6	29.2	26.9	25	30.4	22.9	91.5	91.5	71.6	70.3	82	89.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	204.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	S	N	E	NE	17.2	49.1	45.1	14.8	126.2	6	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
2	Calm	Calm	SSE	SW	N	Calm	10.2	18.8	34.1	9.9	73	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. E
3	Calm	Calm	N	S	Calm	WNW	12.1	10.8	22	18.3	63.2	10	Ci.-S.	N.	10	Ci.-S. E	Cu.-N.
4	Calm	Calm	SW	NNE	NNE	Calm	15.6	23.8	19.6	12.4	71.4	9	A.-Cu.	Cu.	9	Ci.-S.	Cu.-N. W
5	Calm	EbyS	SE	SE	Calm	ESE	13.4	33.3	22.5	27.9	97.1	10	------------	N.	10	Ci.-S.	Cu.
6	E	EbyN	SSE	S	SSW	S	16.4	35.2	70.8	74.5	196.9	10	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu. W
7	S	SW	S	S	SSW	Calm	39.1	44	90.6	24.9	198.6	10	Ci.-S.	S.-Cu.	10	A.-Cu. N	Cu.
8	S	S	SSW	SSE	SSW	Calm	28	75	94.6	15	212.6	10	Ci.-S.	Cu.-N. W	10	A.-Cu.Nwbyw	Cu.
9	E	Calm	S	SSE	E	Calm	11.8	53.9	71	13.2	149.9	10	A.-Cu.	Cu.-N. W	10	A.-Cu.WbyS	Cu.
10	Calm	N	SSW	SSE	Calm	ESE	10.5	56	56.9	8.9	132.3	7	A.-Cu.	Cu. W	9	A.-Cu. NNW	Cu. W
11	Calm	Calm	S	SSE	ESE	E	6.6	52.6	35.7	13.4	108.3	7	Ci.	Cu.-N.	10	Ci.-S.	Cu.-N.
12	Calm	Calm	S	SSE	E	ENE	14.2	48.3	83.7	19.3	165.5	10	Ci.-S.	S.-Cu.	6	A.-Cu. SW	Cu.
13	S	S	SSE	SSE	SSW	NE	35.7	89.8	68.6	19.5	213.6	6	Ci.	Cu. S	4	------------	Cu. SW
14	Calm	NE	SSE	SSE	Calm	SSW	9.9	65.8	64.6	18	158.3	3	Ci.	S.-Cu.	3	Ci. NE	Cu. WbyS
15	S	SSE	S	S	E	S	47.3	65.4	84	59.2	255.9	4	Ci.-S. NW	Cu. SSW	8	Ci. E	Cu. W
16	S	S	S	W	NNW	Calm	45.9	22.3	39.2	10.5	117.9	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. W
17	Calm	NE	S	SSW	S	SbyW	9.7	47	102.2	81.5	240.4	10	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu.-N.
18	S	S	SbyW	SSE	Calm	Calm	92	78.7	71.6	7.4	249.7	9	A.-Cu. WbyN	Cu.-N. SW	8	A.-Cu. N	Cu.
19	Calm	SE	SSE	SSE	ESE	Calm	20.3	68.6	59.5	12.1	160.5	7	A.-Cu.	Cu.-N.	9	Ci.-S.	Cu.
20	Calm	NNE	SSE	SSE	SE	NE	5.8	46.1	33.3	10.7	95.9	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
21	N	N	SSW	S	Calm	ENE	9.7	46.7	40.2	13.2	109.8	6	A.-Cu. NE	S.-Cu.	5	Ci.	Cu.
22	Calm	Calm	W	SSE	NE	N	9.7	33.2	50.2	11.1	104.2	3	Ci.	S.-Cu.	6	Ci.	Cu. N
23	Calm	Calm	NNW	Calm	N	Calm	6.2	19.9	16.7	7	49.8	10	Ci.-S.	Cu.-N. N	10	------------	N. N
24	Calm	N	SSE	SSE	S	SE	11.9	63.4	84.3	35.9	195.5	10	A.-Cu.	Cu.-N. S	8	Ci.-S.	Cu.
25	SSE	S	SSE	SSE	NNE	NNE	53.3	105.2	71.1	7.4	237	8	A.-Cu.	Cu.-N. S	5	A.-Cu.	Cu. SW
26	Calm	Calm	S	SSE	NNW	E	5.3	57.7	77.2	27.6	167.8	9	A.-Cu.	S.-Cu.	7	A.-Cu. SE	Cu.
27	Calm	Calm	N	N	Calm	Calm	5.6	43.7	24.1	12.4	85.8	7	A.-Cu. SE	Cu.	8	Ci.	Cu.-N.
28	N	Calm	S	Calm	NW	Calm	11.1	39.9	17.1	2.4	70.5	7	Ci.	Cu.	10	Ci.-S.	Cu.-N.
29	Calm	Calm	NE	N	N	Calm	4.5	22.2	28	9.9	64.6	9	Ci.-S.	Cu.-N.	10	------------	N.
30	Calm	Calm	S	S	N	Calm	7	36.7	34.1	7	84.8	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N. E
Mean	------	------	------	------	------	------	19.5	48.4	53.8	20.2	141.9	8.2	------------	------------	8.4	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	4,257	----	------------	------------	----	------------	------------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

OCTOBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	°C.	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.78	57.56	58.50	56.30	57.66	58.89	21.8	21.5	27.4	27.5	26	24.1	29.5	21.3	98	97	81	79	88	91	18.3
2	58.20	57.73	58.01	55.95	56.90	58.44	23.4	23.2	28.2	28.5	27	26.7	29.4	22.9	98	98	76	77	80	83	7.1
3	57.66	57.92	57.91	55.88	57.24	57.92	27.4	27	28.2	28.7	23.5	24	29	23.3	79	82	80	71	93	92	19
4	57.41	57.12	57.18	55.32	55.99	57.04	27.2	27.2	27.7	28.2	28	25.3	29.3	24.9	80	78	77	74	77	93	1.8
5	56.23	56.96	57.55	54.97	56.91	57.40	25.6	24.9	29.5	30	23.3	25	30.5	23.2	84	88	72	68	99	83	10.7
6	56.28	56.76	57.89	56.43	57.46	58.60	25.1	24.1	29.7	29.3	28	26.5	30.4	23.8	88	95	71	71	74	82	------
7	57.33	58.45	58.83	57.26	58.05	59.04	25.8	25.7	29.7	30.3	28.5	25.5	30.9	23.8	86	84	65	65	75	88	------
8	58.72	58.86	59.59	57.85	58.21	59.37	24.7	24.8	29.4	26.9	26.3	23.4	30.5	23.4	90	89	72	89	94	97	.5
9	58.96	59.22	59.97	56.68	57.76	59.20	23.8	23.8	28	30.4	26.5	24.3	30.6	23.4	96	95	76	60	80	86	.8
10	58.41	58.39	58.58	55.87	56.55	57.55	23.2	23.5	28.5	26.8	26	24.4	29.4	22.6	97	97	78	83	94	97	4.8
11	57.27	57.25	58.17	56.16	57.53	59.21	22.7	22.2	28.5	31	27.5	24.3	31.3	21.1	97	96	75	69	84	95	------
12	58.37	58.65	59.44	57.36	58.25	59.65	22.7	21.2	29.3	31.5	27	24.5	32.2	20.9	97	97	69	64	83	94	------
13	58.48	58.97	59.48	57.27	57.64	58.77	22.2	21.7	28.4	27.5	27	23.4	31.2	21.4	99	97	71	81	84	97	.3
14	57.81	57.99	58.54	55.48	56.42	57.40	22.5	21.4	26.8	31.8	27.5	24.2	32.2	21.2	92	96	83	46	73	94	5.6
15	57	56.14	56.98	54.75	55.29	56.20	21.3	21.4	28.5	30.5	27	24.6	32.7	21.1	99	96	74	66	84	94	3
16	55.67	55.09	55.68	53.98	53.86	54.71	24.3	23.7	29	29.8	27	27.8	31	23.6	99	98	74	66	84	86	------
17	54	54.07	54.62	52.82	53.68	55.48	28.2	28	29.7	30.7	29.5	28.5	32.5	27.5	75	79	72	70	72	74	------
18	55.19	55.70	56.72	54.67	55.10	56.71	27.3	26.3	29	30	27.7	25.5	32.4	24.7	81	87	76	71	79	93	------
19	56.53	56.37	57.76	55.47	56.41	57.57	24	23.9	27.5	31.2	25.9	24.6	31.5	23.3	94	94	77	62	88	93	6.4
20	57.15	58.10	58.38	56.35	57.62	59.48	22.7	22.3	30.4	29	27	24.5	31.6	21.9	91	97	64	78	79	92	25.1
21	58.58	59.19	59.43	57.06	58.22	58.85	23	23	29.5	31	27.9	24.6	33.2	22.7	97	97	68	69	77	92	------
22	58.59	58.60	58.70	56.25	56.88	57.64	22.1	21.6	30.2	29.5	26.8	25.5	31.3	21.1	96	95	65	71	87	91	74.7
23	56.73	55.32	57.04	55.27	56.83	57.24	23.4	24.3	24.2	24	23	24.5	26	22.3	100	96	96	95	96	89	39.1
24	56.70	57.40	58.83	57.04	58.15	59.40	26.1	26.1	29.4	29.1	27.5	25	30.9	24.2	90	85	72	75	87	95	4.8
25	58.77	59.04	59.25	57.25	58.25	59.51	24	23	29.6	31	27.5	25	32.5	22.9	92	95	71	62	81	91	------
26	58.48	58.87	59.36	56.74	57.77	59.17	23.7	23.4	31	30	26	25	31.8	23	93	95	61	67	89	93	18.5
27	57.99	57.63	58.18	55.74	57.10	57.52	24.2	23.5	29.5	27.5	25	24.9	31.3	23.1	94	97	64	81	94	87	30.2
28	56.39	56.67	58.44	56.13	57.14	59.09	24.1	25.4	30.2	31.6	29	26.7	31.9	23.5	92	86	65	65	71	76	------
29	57.64	58.39	59.39	56.88	57.63	58.97	25.1	24.5	29.4	30.7	27.4	25.7	31.6	23.7	83	86	63	68	86	90	------
30	57.98	58.32	57.98	56.54	57.74	59.10	24.4	24.6	30.5	32	27.7	23.9	33.1	22.8	87	82	64	64	70	91	------
31	58.13	58.44	59.03	57.01	58.26	60.07	22.5	21.2	29.3	30.5	27.1	23.7	32.8	20.9	93	96	69	65	83	94	------
Mean	57.43	57.59	58.24	56.09	57.05	58.23	24.1	23.8	28.9	29.6	26.8	25	31.1	22.9	91.5	91.9	72.3	70.7	83.4	90.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	270.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	S	SSE	Calm	Calm	4.2	40.5	43.1	9.1	96.9	7	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
2	SSW	SSW	SbyE	SE	Calm	Calm	21.9	54.7	63.6	22.7	162.9	8	Ci.-S.	Cu.-N. SWbyS	10	Ci.-S.	Cu.-N. SSW
3	S	S	S	SSW	ESE	ESE	51.7	74.5	59	29.5	214.7	10	Ci.-S.	Cu.-N. swbyw	10	Ci.-S.	Cu.-N. sw
4	SSW	SSW	S	SSW	SSW	Calm	91.9	83.7	76.1	19	270.7	10	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	Cu.-N. WSW
5	SE	E	SSW	S	E	Calm	20.3	64.9	91.9	23.5	200.6	10	Ci.-S.	Cu.-N. W	10	A.-Cu. NW	Cu.-N.
6	E	E	SSW	SSW	S	E	19.3	81	82.1	33.5	215.9	10	Ci.-S.	N. SWbyW	7	A.-Cu. WbyN	Cu. WSW
7	E	ESE	SSE	SSE	Calm	Calm	23.8	74.5	50.7	7.4	156.4	7	A.-Cu. W	S.-Cu.	6	A.-Cu.	Cu. W
8	Calm	Calm	SSE	Calm	Calm	N	6.1	21.4	5.4	12.7	45.6	7	A.-Cu. NE	Cu. SW	10	Ci.-S.	Cu.-N.
9	N	N	N	N	N	N	10.3	33.8	41.5	28.5	114.1	10	Ci.-S.	Cu.-N.	7	A.-Cu. E	Cu.
10	Calm	Calm	S	N	Calm	Calm	6.9	22.3	34.1	6.9	70.2	9	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.-N.
11	Calm	Calm	SSW	S	Calm	Calm	9.2	41.2	40.4	9.4	100.2	4	A.-Cu. NW	S.-Cu.	4	Ci.	Cu. E
12	N	N	SW	SSW	N	NE	15.6	37.2	30.8	9.1	92.7	2	A.-Cu.	S.-Cu.	5	Ci.	Cu.-N. E
13	N	Calm	Calm	S	Calm	Calm	13.2	17.9	27.1	7.4	65.6	3	------------	Cu.	9	Ci.-S.	Cu.-N. NE
14	N	N	SW	N	N	Calm	13.9	26	51.3	8.3	99.5	3	Ci.	S.-Cu.	3	Ci. E	Cu.
15	N	N	S	SSE	Calm	Calm	14.5	39.6	50.5	5.6	110.2	6	Ci.	Cu.	10	Ci.	Cu.-N. N
16	Calm	Calm	WbyS	W	Calm	W	5.4	32	51.7	25.9	115	10	Ci.-S.	Cu.-N. WbyN	10	Ci.-S.	Cu.-N. W
17	SW	S	SSW	SSW	SSW	SSW	135.7	151.5	151.1	110	548.3	10	Ci.-S.	Cu.-N. SSW	9	Ci.-S. N	Cu.-N. SW
18	SSW	SSW	SSE	SSE	Calm	NE	107.8	125	63.1	12.9	308.8	10	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu.-N.
19	Calm	N	E	S	ENE	Calm	10.8	28.2	47.7	8	94.7	6	Ci.	Cu.-N.	6	A.-Cu. SW	Cu.
20	Calm	N	NW	S	E	SE	7.8	35.6	32.8	18.2	94.4	4	A.-Cu.	S.-Cu.	5	A.-Cu. N	Cu.-N.
21	N	NE	E	S	SW	Calm	8.2	29.6	57.4	7.7	102.9	2	Ci.	Cu.	4	Ci.-S.	Cu.-N.
22	Calm	N	NNW	WNW	N	WNW	14.2	36.8	41.8	8.3	101.1	6	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N. N
23	W	Calm	W	S	SE	E	18.8	27.7	43.3	38.6	128.4	10	------------	Cu.-N. wbyN	10	Ci.-S.	Cu.-N. W
24	E	ESE	SSE	SSE	Calm	Calm	50.1	80.5	46.1	4.3	181	8	A.-Cu. SSE	Cu.-N.	10	Ci.-S.	Cu.-N. S
25	E	Calm	S	SSE	Calm	N	10.3	47.7	70.3	14.3	142.6	8	A.-Cu. E	S.-Cu.	7	A.-Cu.	Cu. E
26	Calm	N	ENE	S	NNW	Calm	9.5	42	24.4	17.4	93.3	7	A.-Cu.	Cu. NE	10	Ci.-S.	Cu.-N. ENE
27	N	NE	ENE	WNW	SE	ENE	13.5	59	35.6	38.6	146.7	8	A.-Cu.	Cu.-N.	10	Ci.-S.	Cu.-N.
28	E	ESE	SSE	S	SE	Calm	26.6	81.8	60	14.2	182.6	8	Ci.-S. SSE	Cu.-N. ESE	9	Ci.-S.	Cu.-N.
29	S	Calm	E	S	Calm	N	10.2	30.1	46.5	12.6	99.4	10	A.-Cu.	N. E	8	A.-Cu.	Cu. E
30	E	E	SSE	SSE	Calm	NE	16.3	70.3	64.7	11.9	163.2	5	Ci.	Cu.-N.	5	Ci.	Cu. E
31	Calm	E	SSW	S	Calm	Calm	11.8	35.1	47.3	4.8	99	6	Ci.-S.	Cu.	6	Ci. N	Cu. ENE
Mean	------	------	------	------	------	------	25.2	52.5	52.6	18.7	149	7.2	------	------	8	------	------
Total	------	------	------	------	------	------	------	------	------	------	4,617.6	----	------	------	------	------	------

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[ϕ=11° 00′ N ; λ=124° 36′ E ; barometer above sea, 5.6 meters ; gravity correction not applied, —1.83 mm.]

NOVEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.77	58.44	59.60	57.38	58.09	59.16	22.9	23.1	28.7	25.2	25.5	23.5	31.4	22.4	92	90	70	92	96	96	7.1
2	58.27	59.05	59.13	56.91	57.31	58.37	22.2	20.7	28.5	28.5	25.4	23.5	31	20.4	90	96	67	74	93	96	2
3	57.59	58.20	58.69	56.40	57.13	57.94	21.9	21.8	29	27	26.2	23	30.5	21.2	97	97	71	84	90	95	1.3
4	57.47	57.44	57.96	55.19	56.10	57.20	22.5	22.3	28	29.9	27	24.1	31.3	21.7	97	97	79	65	80	95	1.5
5	56.16	55.92	56.46	54.33	54.41	54.51	24.3	24.3	24.7	24	24	24	25.6	23.1	93	93	96	98	97	96	80.5
6	52.49	50.90	44.85	46.83	51.84	53.99	----	----	----	----	----	----	----	----	----	----	----	----	----	----	138.9
7	55.19	56.29	57.34	54.96	56.38	57.92	----	24.8	30.7	31	27.5	25.7	32.5	23	----	85	60	71	85	93	----
8	57.15	57.65	58.01	55.71	56.88	58.65	23.8	23.6	29	30.7	27.2	25.3	32.4	22.2	97	95	69	62	83	95	----
9	58.41	58.49	59.30	57.62	59.16	60.03	23.8	23.5	28.5	29.5	25.8	25.4	30.3	23.2	94	96	78	70	89	88	6.6
10	59.07	60.11	60.37	58.23	59.08	60.74	23.3	22.7	28.2	30.2	24.5	24	31	22.3	97	96	75	66	96	96	10.9
11	59.82	60.45	60.95	58.38	59.02	60.19	23.7	22.7	27	29.2	24.8	24.5	29.4	22.4	91	98	84	75	95	97	10.2
12	59.39	59.58	59.92	58.18	59.07	60.22	23	22.5	29	26.8	25.1	23.7	31	21.6	97	96	67	86	94	97	9.1
13	59.39	59.09	59.38	57.69	58.03	58.58	21.9	20.9	29	28.2	25.3	23.9	29.4	20.7	92	96	69	72	93	97	9.7
14	57.17	56.07	55.30	51.89	52.31	53.86	23.6	23.2	23.3	23.4	23.6	23.8	24.8	22.5	97	98	96	95	99	97	100.3
15	54.02	54.66	55.70	53.99	55.35	57.05	26.6	26.8	28.4	28.8	27.6	23.6	29.4	23.4	76	76	70	75	84	97	8.4
16	56.90	56.87	57.35	55.65	56.54	57.63	25.3	25.5	27.3	28.2	26.2	24.8	29.2	23.1	87	87	81	72	93	96	----
17	56.96	57.03	57.89	55.79	56.91	57.73	24.9	25.5	28.9	31	27.1	23.8	32.6	23	86	88	71	65	81	96	----
18	57.40	57.38	58.13	56.16	57.21	58.25	23	24.9	28.2	29.2	25.8	24.4	31.2	22.7	96	90	74	71	93	95	6.4
19	57.76	57.88	58.41	55.91	57	57.96	23.6	23.5	28	29	26.1	24.6	29.4	23.1	97	97	77	71	89	91	----
20	57.10	57.92	58.42	56.35	57.62	58.97	23.1	23	28.7	28.4	26	23.1	30.3	22.6	96	96	75	69	85	95	----
21	57.97	58.92	59.70	57.99	58.59	60.09	22.4	22	28.8	27.7	26.7	23.5	29.6	21.8	96	96	75	83	90	95	4.8
22	58.99	59.39	59.82	57.45	58.38	59.39	22.6	21.8	28.8	30.8	27	24.1	32.9	21.2	92	96	69	64	75	96	.8
23	58.60	58.80	59.50	56.98	58.06	59.29	22.6	21.5	29.4	30.2	26.6	22.8	31	21.2	94	97	68	69	79	97	1.5
24	58.81	58.73	59.32	56.96	58	58.86	21.6	20.7	29.6	29.8	27	24.7	32.2	20.4	91	98	66	66	70	82	----
25	57.98	58.49	59.28	57.70	58.12	58.73	23.3	20.8	29	25.8	24.5	25.5	32	20.6	84	97	68	90	92	76?	13
26	58.10	58.05	58.83	56.89	57.35	58.42	23	21	29.7	28.4	27	25.3	30	20.5	84	96	60	72	71	84	2.8
27	58.12	58.09	59.48	57.45	58.70	59.81	23.6	23	24.4	26.7	25.2	23.1	27.1	22.6	95	97	95	82	92	99	2.5
28	58.88	59.04	60.45	58.08	58.37	59.23	22.3	21.4	26.5	27	25	23.5	27.3	21.2	94	97	76	75	82	87	----
29	58.76	59.20	60.03	58.29	58.59	59.43	21.6	20.9	27.5	30	27.3	23.1	30.9	20.5	93	96	79	66	78	99	1
30	59.15	59.25	59.73	58.03	58.71	59.46	23.6	22.5	30.2	29.4	26	23.5	30.6	22.2	88	96	65	72	80	95	5.3
Mean	57.73	57.91	58.31	56.31	57.28	58.39	23.2	22.8	28.2	28.4	26	24.1	30.2	22	92.2	94.2	74.1	74.9	87	93.7	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	424.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	SW	1	SE	1	Calm	----	Calm	----	4	A.-Cu.	Cu.	10	Ci.-S.	Cu.-N.
2	SE	0	Calm	----	SSW	1	W	1	Calm	----	Calm	----	6	Ci.	S.-Cu.	7	Ci.	Cu. NE
3	Calm	----	Calm	----	NW	0	SSE	1	Calm	----	Calm	----	3	Ci.-Cu.	Cu.	10	Ci.-S.	Cu.-N. NE
4	Calm	----	Calm	----	NW	0	N	1	Calm	----	Calm	----	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N. NNE
5	N	0	N	0	E	1	N	2	N	0	N	0	10	Ci.-S.	Cu.-N. NE	10	----	Cu.-N. NNE
6	N	1	N	1	WNW	6	S	7	SSE	1	SSE	1	10	Ci.-S.	Cu.-N. N	10	----	N. S
7	S	1	Calm	----	S	1	S	1	E	1	E	1	8	Ci.-S.	Cu.-N. S	5	Ci. ENE	Cu.
8	S	0	NW	0	SSW	1	SSE	1	SSE	0	SSE	0	2	Ci.	Cu.	4	A.-Cu. E	Cu.
9	NE	0	ENE	0	SSE	0	SSE	0	N	1	N	0	6	Ci.	Cu.	9	A.-Cu. E	Cu.
10	N	0	NNE	0	SSE	1	S	1	Calm	----	NNE	0	7	A.-Cu.	Cu.	6	Ci.-S.	Cu.-N. E
11	N	0	Calm	----	Calm	----	S	0	E	0	E	0	8	Ci.-S.	Cu.-N. E	7	A.-Cu. NE	Cu.-N. E
12	Calm	----	NE	0	WSW	0	NW	1	Calm	----	Calm	----	6	Ci.-S.	Cu.-N. NE	10	Ci.	Cu.-N. NE
13	Calm	----	Calm	----	NW	0	N	0	N	0	Calm	----	4	Ci.-S. E	Cu.	10	Ci.-S.	Cu.-N. E
14	Calm	----	NW	0	NNW	1	NW	1	WNW	2	SW	2	10	----	N. NW	10	----	N. WNW
15	swbys	3	S by W	2	S	3	SSE	2	SSE	2	W	0	9	Ci.-S.	Cu.-N. SW	6	A.-Cu.	Cu. SW
16	SE	0	ESE	0	SSE	1	SSE	0	Calm	----	SSE	0	9	Ci.-S.	cu.-N.sbyw	10	Ci.-S.	S.-Cu. SW
17	Calm	----	E	0	SSE	0	S	0	SE	0	Calm	----	7	A.-Cu.	Cu.-N. SW	6	A.-Cu.	Cu.
18	Calm	----	SE	0	SSE	1	SSE	1	N	0	Calm	----	8	Ci.-S.	Cu.-N. S	5	Ci. E	Cu. WSW
19	Calm	----	Calm	----	Calm	----	S	1	SSE	0	N	1	8	Ci.-S. E	Cu.-N. S	9	Ci.	Cu.
20	Calm	----	N	0	SSE	0	SSE	0	NE	0	NE	0	8	A.-Cu. E	Cu.-N.	9	Ci.-S.	Cu.-N. E
21	Calm	----	NW	0	SSW	1	SE	0	S	0	S	0	4	Ci.	Cu.	8	Ci.	Cu.-N. E
22	Calm	----	NW	0	SW	1	Calm	----	S	0	N	0	4	A.-Cu. E	Cu.	9	Ci.-S.	Cu.-N. E
23	Calm	----	N	0	SSW	1	S	0	W	0	NW	0	2	Ci.	Cu.	8	A.-Cu.	Cu.-N. E
24	N	0	NW	0	SSW	0	SSW	1	W	1	NE	0	2	Ci.	Cu.	5	A.-Cu.	Cu. E
25	Calm	----	Calm	----	W	0	S	0	Calm	----	NE	1	2	Ci.	Cu.	10	Ci.-S.	Cu.-N.
26	N	0	N	0	E	1	SW	1	ENE	1	WSW	0	4	Ci. W	Cu.	10	Ci.-S.	Cu.-N. E
27	Calm	----	NW	0	Calm	----	SW	0	W	0	Calm	----	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	S.-Cu. E
28	Calm	----	N	0	ENE	0	E	0	SE	0	Calm	----	8	Ci. E	Cu.	9	Ci.-S.	Cu.-N. E
29	Calm	----	Calm	----	WSW	0	S	1	NNW	0	N	0	8	Ci. E	Cu.-N.	8	Ci.-S.	Cu.-N. E
30	Calm	----	N	0	SSW	0	SW	0	E	1	N	0	5	Ci.	Cu.	8	Ci.	Cu.-N. NE
Mean	----	0.2	----	0.1	----	0.7	----	0.8	----	0.3	----	0.2	6.4	----	----	8.3	----	----

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, −1.83 mm.]

DECEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.97	58.79	59.14	57.20	58.52	59.28	23.2	23.4	30.7	30.4	25.3	24.2	32.9	22.2	90	90	56	66	89	91	0.8
2	58.28	58.49	58.74	56.38	56.79	57.98	23	22.5	29.4	29.4	26	24	32.2	21.9	92	92	64	67	89	91	----
3	56.93	57.08	57.49	55.23	56.19	57.07	22.8	21.1	29.3	28.4	25.6	22.5	31.3	20.9	86	95	68	77	92	91	1.5
4	55.82	55.38	55.39	53.84	55.35	55.77	23.8	23.7	29.2	30.5	25.2	24.5	30.9	21.5	93	91	63	66	92	96	----
5	55.10	55.79	56.63	54.82	55.98	57.06	22.9	23.4	26.6	30.3	25.5	22	30.4	21.7	88	88	72	56	65	88	----
6	56.76	57.01	57.74	54.94	55.97	57.01	20.7	20.3	27.7	28	25	23.9	29.2	20	95	97	68	66	87	95	.8
7	56.17	56.21	56.96	55.72	57.45	58.34	23.3	23.3	26	23.6	21.2	22.6	26.2	21	99	99	82	98	98	89	82.6
8	55.80	56.64	57.04	55.70	56.61	58	22.4	20.8	25.8	28	25.2	24	29.2	20.3	89	94	72	69	89	93	----
9	57.09	57.37	58.30	56.26	57.13	58.23	23.1	22	28.3	28.2	25.6	22.6	30.8	21.8	91	95	70	74	88	95	----
10	57.81	57.53	58.35	56.31	56.20	58.22	21.1	20.6	27.7	29.6	25.4	23.9	30.4	20.4	95	97	76	64	88	94	1
11	57.52	57.64	58.86	56.67	57.91	59.22	22.7	22.2	28.5	28	25.8	22.7	30	21.9	97	98	70	77	88	96	15.7
12	58.60	58.08	58.94	56.76	57.68	58.98	22.6	22.3	27	29.6	26	23.5	31.2	21.8	94	97	73	61	86	93	----
13	58.72	59.02	59.65	57.46	58.25	59.69	23	22	28.7	27.7	25.6	24.2	30.5	21.6	96	96	74	78	93	95	1
14	58.77	58.60	59.37	57.31	58.29	59.65	22.2	21.6	28.5	32	26.6	23.3	32	21.2	94	95	66	54	79	93	----
15	58.93	59.60	59.82	58.24	59.43	60.95	22.2	20.6	29.2	31	28	23	33	20.1	89	95	58	53	79	93	----
16	59.80	60.22	60.60	57.78	58.55	59.84	22	20.4	28.6	29.9	26.6	24	31	20.4	88	96	62	67	86	91	----
17	59.60	58.97	59.36	57.29	58.51	59.28	22.6	22.5	27.4	27.7	23.6	23.3	29.7	22	93	92	78	75	96	94	12.7
18	58.27	57.82	58.55	55.86	56.49	57	22.9	22.3	23	24.2	23.2	23.1	24.4	21.9	97	97	96	90	94	90	26.7
19	55.75	56.21	56.50	54.12	54.89	56.78	23	21.6	22.3	21.8	21	21.5	23.6	20.5	89	98	91	96	97	96	85.6
20	55.73	55.79	56.46	54.45	55.33	56.52	21.9	22.2	25.5	24.7	23.6	23.9	26.5	21.2	90	89	92	94	98	98	25.7
21	56	56.04	57.24	54.91	56.21	56.08	23.4	23.5	25.2	26.3	24.5	24.4	27.5	23.1	97	96	92	86	94	94	16.8
22	55.90	56.33	57.46	55.76	57.10	59.12	23.4	24.1	25.5	25.9	25.7	23.2	27.8	22.2	97	96	98	91	92	97	23.6
23	57.98	58.82	59.50	57.46	58.65	59.93	22.9	22.4	27.7	29.9	26.3	24.6	31.2	22.1	94	96	75	64	90	95	----
24	57.81	59.13	60.13	58.49	59.56	59.89	23.9	23.7	27.6	27.1	25	24.2	29	23.1	97	98	77	76	91	95	.3
25	58.81	60.04	61.21	58.68	59.22	61.26	23.8	23	26.8	29.2	26	24.1	30.1	22.5	96	97	80	71	87	95	.5
26	60.24	60.33	61.16	59.49	60.71	61.87	23.8	22.6	26.8	28.3	23.9	23.9	30	22	92	97	83	72	92	84	----
27	61	61.14	62.51	61.10	61.30	62.40	25	24.8	27.8	24.4	24.4	24.5	29	22.8	78	82	70	87	93	83	5.6
28	61.70	61.52	62.10	60.70	61.14	61.79	23.5	22.3	28	27.4	25	23.7	28.7	22.2	89	97	71	78	88	88	1.5
29	60.98	61.12	61.83	59.39	60.08	61.11	22.5	21.7	27.2	29.8	26	23.8	30.1	21.4	89	95	78	69	92	93	4.8
30	59.60	60.07	60.43	58.12	58.90	59.72	22.4	23	27	30.4	26.2	24.5	30.7	21.4	98	98	80	61	79	87	5.1
31	58.99	58.74	59.21	57.09	57.67	58.83	24.5	23.3	28.8	28.2	26.5	23.4	29.2	22.9	88	95	71	69	76	94	3
Mean	58.05	58.24	58.92	56.89	57.81	58.93	22.9	22.4	27.3	28.1	25.1	23.6	29.6	21.6	92.3	94.8	75	73.3	88.6	92.5	----
Total																					315.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	0	N	0	ENE	1	SSW	1	NW	0	N	1	4	Ci.	Cu.	9	Ci.-S.	Cu.-N. ENE
2	N	0	N	0	W	1	S	1	W	0	N	0	8	Ci.	S.-Cu.	7	Ci.	Cu.-N. NE
3	Calm	----	N	0	WSW	1	ESE	0	Calm	----	N	0	4	Ci.	Cu.	10	----	N. NNE
4	Calm	----	Calm	----	NNW	1	NNW	1	NNW	0	NW	0	8	Ci.-S. E	Cu.-N. NNE	10	Ci.-S. E	Cu.-N. NE
5	Calm	----	Calm	----	NW	0	NNW	2	NbyW	1	N	0	10	Ci.-S.	Cu.-N. NE	9	Ci.-S. SE	Cu.-N. NNE
6	N	0	N	0	Calm	----	N	2	NNW	1	NW	0	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
7	N	0	N	1	N	1	S	2	NNE	1	N	0	10	Ci.-S.	Cu.-N. NE	10	----	N.
8	N	1	Calm	----	W	0	S	1	S	0	S	0	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
9	S	0	NE	0	SSW	1	S	1	N	1	N	0	10	A.-Cu.	Cu.-N.	9	A.-Cu.SEbys	Cu.-N.
10	N	0	N	0	SSW	1	SSW	1	N	0	E	0	4	Ci. SE	Cu.	7	Ci.-S. SE	Cu.-N.
11	N	0	N	0	S	1	S	2	W	0	W	0	7	A.-Cu. SE	Cu.-N.	10	Ci.-S.	Cu.-N.
12	Calm	----	N	0	WSW	0	S	1	W	0	S	0	6	A.-Cu.	Cu.-N.	8	Ci.-S. SE	Cu.-N.
13	Calm	----	S	0	SSW	0	ENE	0	NNW	0	NW	0	8	A.-Cu. NE	S.-Cu.	9	Ci.-S.	Cu.-N.
14	Calm	----	N	0	NE	1	S	1	WSW	0	N	0	5	A.-Cu.	S.-Cu.	6	Ci.	Cu. E
15	Calm	----	N	0	WNW	1	S	1	NW	0	NW	0	2	Ci.	Cu.	5	Ci.	Cu. E
16	Calm	----	N	0	WNW	1	SSE	1	S	0	NNW	0	4	Ci.	Cu.	8	Ci.	Cu.-N. ENE
17	Calm	----	N	0	W	1	NNW	0	N	0	Calm	----	5	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. N
18	NW	0	NNW	0	WNW	1	NNW	1	NW	1	NW	2	10	----	N.	10	Ci.-S.	Cu.-N. NNE
19	NNW	0	NNW	1	NNW	3	NNW	3	NNW	3	NNW	1	10	----	N. N	10	----	N. N
20	NW	0	N	0	N	1	Calm	----	SSE	2	S	3	10	----	N.	10	----	N.
21	SSE	1	ESE	0	S	2	SSE	2	Calm	----	SE	1	10	----	N.	10	Ci.-S.	Cu.-N. SSE
22	SE	1	ESE	1	S	3	SSE	2	E	0	SSW	1	10	----	N. ESE	9	Ci.-S.	Cu.-N. SSW
23	W	0	E	0	WSW	1	S	1	SSE	0	N	0	10	A.-Cu. E	Cu.-N.	6	Ci.	Cu. W
24	Calm	----	Calm	----	W	0	WNW	2	N	1	Calm	----	10	Ci.-S.	Cu.-N. SW	10	A.-Cu.	Cu.-N.NNW
25	NW	0	N	0	N	1	WNW	2	NW	0	NW	0	10	Ci.-S.	Cu.-N. N	9	Ci.-S.	Cu.-N. E
26	Calm	----	NNW	0	N	1	S	1	WNW	0	N	0	6	A.-Cu.	Cu.-N.	9	Ci.-S. SE	Cu.-N.
27	Calm	----	SW	0	NE	1	NW	1	WSW	0	Calm	----	9	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N. E
28	W	0	Calm	----	W	1	SW	0	W	0	NE	0	8	A.-Cu.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
29	Calm	----	NW	0	WSW	1	SW	1	SW	0	NNE	1	4	A.-Cu.	Cu.-N. E	7	Ci.-S.	Cu.-N. E
30	N	0	SE	0	W	0	SSE	1	ESE	0	NNE	0	8	A.-Cu.	Cu.-N. E	8	A.-Cu.	Cu.-N. E
31	NE	0	W	0	SW	1	SSE	1	SE	0	N	0	9	A.-Cu.Ebys	S.-Cu.	10	A.-Cu. ESE	Cu.
Mean		0.1		0.1		0.9		1.2		0.4		0.3	7.7			8.8		

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

JANUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+ [a]						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.66	59.31	59.49	57.09	57.96	58.98	23.8	23.5	26	27	26.2	24	29.6	22.8	92	94	87	77	79	89	20.9
2	58	58.39	59.36	56.57	57.63	58.93	23.6	22.8	27.6	28.3	25.2	24.7	30	22	87	93	82	72	90	90	13.9
3	57.85	58.55	59.27	57.41	57.98	59.02	24	23.8	28	30	25.8	25.7	31.2	22.8	91	91	77	65	88	86	------
4	57.63	58.29	59.26	56.92	57.53	59.16	25.2	24.5	25	28.4	26.5	25	30	23.6	88	92	92	68	81	91	2.5
5	57.83	58.17	58.39	56.36	57.39	58.36	24.1	23.8	27.8	30	27.8	25.8	31.5	23	94	93	79	71	76	88	7.4
6	57.59	58.18	58.86	57.48	58.11	58.65	24.7	24.5	26	25	25.5	25	28.7	23.9	93	94	89	94	90	92	55.4
7	57.58	58.27	58.89	57.53	58.41	59.37	24.5	24.4	29	26.3	25.8	25	31.5	23.3	90	91	78	83	86	92	5.3
8	58.59	59	60.04	57.61	58.93	59.96	24.2	23.8	28	30.2	27.8	25.3	32	22.8	94	93	70	67	79	88	------
9	59.51	59.86	60.69	58.64	59.64	60.81	23.9	23	28.8	30.4	27	26	31.6	22.4	91	95	68	63	79	85	------
10	60.32	60.72	61.43	58.77	59.46	60.47	25.2	25	28.9	30	27	26.1	32	23.9	90	92	71	57	75	76	1.8
11	59.71	59.83	60.34	58.51	59.41	60.35	24.2	23.6	28.5	31.3	27.5	25.2	32.5	22.7	88	90	76	52	73	78	.8
12	59.03	59.43	60.16	57.29	57.96	58.98	23.9	23.2	27.6	31	27.1	25.3	32.2	22.3	86	91	73	55	76	88	------
13	58.31	58.69	59.26	56.53	58.01	59.26	23.7	22.6	27.8	29.8	25	23.5	32	22.1	92	95	74	67	89	91	12.2
14	58.60	59.38	60.44	58.21	59.71	60.83	23	22.5	27.4	28.5	23.5	23.5	30	21.5	91	92	74	71	87	87	4.1
15	60.02	60.66	61.75	59.56	60.85	61.93	23.5	23.8	26.8	26.8	24	24.4	30	22	90	89	71	67	80	79	9.2
16	61.01	61.13	62.01	59.86	60.57	61.33	23.3	22.4	27.5	27.1	24	23.5	30	21.7	82	88	64	63	80	79	------
17	60.57	60.18	60.40	58.21	58.77	59.88	22.4	21.3	27.4	25.8	25	24	30.6	20.8	87	93	70	85	88	89	1
18	58.70	58.79	60.04	58.14	59.40	60.61	23.4	22.8	27.4	29.6	26.5	25.8	30.8	22	90	93	77	61	82	84	------
19	59.83	60.07	61.95	59.76	61.04	61.61	24	23.6	28.8	29.8	25.8	25.2	31.2	23	88	90	68	66	83	88	------
20	60.63	60.92	61.69	59.69	60.27	61.19	25	24.8	28	27.8	25.9	25.3	31.2	24	90	92	79	82	88	90	6.1
21	60.16	60.41	61.74	59.60	59.44	61	24.8	24.5	27.4	30	27.2	25.7	31	23.7	92	86	76	56	70	80	------
22	60.12	60.47	61.36	58.74	59.01	60.89	24.7	23.6	29	31.3	26.7	26	32.8	22.8	86	93	64	52	77	76	------
23	60.16	60.36	60.76	59.28	60.26	61.12	25.4	24.8	29	30	27.4	26.2	32.5	23.8	80	87	63	56	70	79	.8
24	60.31	59.81	60.96	58.76	58.89	60.02	25.2	24.3	25	28	26.5	26.5	31.2	23	86	94	83	73	80	79	9.3
25	59.24	59.38	60.35	58.42	59.01	60.61	24.9	23.4	30	29.4	26.5	25	32	22.8	81	91	67	68	79	88	2.3
26	59.81	60.08	60.70	58.79	59.14	60.53	23.9	23.4	28	29.9	27.5	25	31.8	23	91	92	63	65	72	83	------
27	59.51	59.47	60.16	58.29	59.09	60.01	23.4	22.6	27.5	27.5	25.5	24.4	29.8	22.2	91	95	70	75	87	91	6.1
28	58.60	58.85	59.46	57.56	57.88	58.59	23.6	23.4	26.9	26.6	25	25	30.8	23	94	95	77	80	85	86	------
29	57.89	57.93	58.98	56.93	57.73	58.89	24	23.8	27.8	25	23.5	23.7	29.5	22.5	86	86	79	92	91	94	25.6
30	57.85	58.60	59.50	57.56	58.21	59.76	24.4	24	27.5	27.4	25	24.8	29.5	23	88	89	70	67	78	79	3
31	58.43	59.16	60.51	58.41	59.42	60.23	23.6	22.8	24.6	27.8	25.4	23	30	22	88	93	81	58	69	83	.3
Mean	59.10	59.43	60.26	58.14	58.94	60.04	24.1	23.6	27.6	28.6	26	25	31	22.7	88.9	91.7	74.6	68.6	80.9	85.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	188.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	1	NNE	1	NW	1	NE	3	NE	1	Calm	----	10	------------	N.	8	------------	Cu.-N. NE
2	NW	1	Calm	----	NNW	1	SE	1	SSE	1	SE	1	7	Ci.	Cu. E	8	------------	Cu.-N. E
3	S	0	Calm	----	NNW	1	SSE	1	SE	1	SE	1	10	------------	Cu.-N. E	8	Ci.	Cu. E
4	N	1	NNW	1	NE	1	NE	0	Calm	----	NW	1	8	Ci.-S.	N.-cf. E	8	Ci. SW	Cu. E
5	NW	1	WNW	1	NW	1	SE	1	EbyS	1	Calm	----	8	Ci.	S.-Cu. E	7	Ci. SSW	Cu. E
6	NW	1	NNW	1	NW	1	NE	0	WNW	1	WNW	1	10	------------	N. NE	10	------------	N. ENE
7	WNW	1	Calm	----	ENE	1	SE	1	E	1	NE	0	8	------------	Cu.-N. E	10	------------	N. E
8	WNW	1	WNW	1	NNW	1	ESE	1	SE	1	Calm	----	5	Ci.-S. E	S.-Cu.	4	------------	Cu. EbyN
9	Calm	----	NW	1	N	1	SE	1	SE	1	NW	1	1	------------	S.-Cu.	7	Ci. SW	Cu. ENE
10	N	1	N	1	NE	1	ESE	2	ESE	1	Calm	----	8	Ci.-S.	Cu.-N. ENE	4	Ci.-S. SW	Cu. ENE
11	NW	1	NW	1	ESE	1	ESE	1	E	1	W	0	5	Ci.-S.	S.-Cu. E	3	------------	Cu. E
12	Calm	----	NW	1	NbyW	1	SE	1	S	0	WNW	1	2	------------	S.-Cu.	3	------------	Cu. NE
13	Calm	----	NNW	0	NNW	1	WNW	1	NE	1	NW	1	1	------------	S.-Cu.	5	------------	Cu. NE
14	NNW	0	NNW	0	NNW	1	NE	1	NE	1	WNW	1	6	Ci.	Cu. NNE	8	------------	Cu.-N. NNE
15	WNW	1	WNW	1	NE	1	E	1	NE	1	N	1	9	------------	Cu.-N. NE	9	------------	Cu.-N. NE
16	NNW	1	NNW	1	NE	1	NEbyN	1	NE	1	NW	1	7	Ci.-S.	N.-cf. NNE	8	------------	Cu.-N. NEbyN
17	NW	1	WNW	1	NE	1	NE	1	NW	1	NW	1	2	------------	S.-Cu.	8	------------	Cu.-N. NE
18	NW	1	NW	1	NW	1	ESE	1	ESE	1	ENE	1	7	Ci.-S.	Cu. ENE	6	------------	Cu. E
19	ENE	1	NW	1	E	1	SSE	1	SE	2	NW	0	8	Ci.-Cu. E	S.-Cu.	7	Ci. NNE	Cu. SE
20	WNW	1	WNW	1	SE	1	SE	1	SE	1	SE	1	8	Ci.-S.	Cu.-N. E	9	------------	N. E
21	NW	1	NWbyW	1	NW	1	SE	1	ESE	1	E	0	9	------------	Cu.-N. E	8	Ci. SW	Cu. NE
22	WNW	1	WNW	0	E	1	ESE	1	E	1	Calm	----	3	Ci.-S. SSW	S.-Cu.	7	Ci. S	Cu. E
23	NE	0	NE	0	E	2	E	2	E	1	E	0	8	------------	Cu.-N. ENE	7	Ci.-S. SW	Cu. ENE
24	Calm	----	NW	1	ESE	3	SE	1	SE	2	E	1	9	------------	Cu.-N. E	8	------------	Cu.-N. E
25	NW	0	NW	0	SSE	1	SSE	2	ESE	1	Calm	----	7	Ci. SW	S.-Cu.	8	------------	Cu. ENE
26	NNW	1	NW	1	NEbyE	1	SSE	1	Calm	----	NW	0	5	Ci.-S. SW	S.-Cu.	6	Ci. SW	Cu. ENE
27	WNW	0	WNW	1	SE	1	E	1	E	1	WNW	1	2	------------	S.-Cu.	8	------------	Cu.-N. E
28	NW	1	WNW	1	NW	0	SSE	1	SE	1	NW	1	8	Ci.-S. W	S.-Cu.	9	------------	Cu.-N. ENE
29	WNW	1	WNW	1	NNW	1	NNE	2	SW	1	SW	1	7	Ci. W	S.-Cu.	10	------------	N. N
30	W	1	WNW	1	E	3	E	2	E	1	WNW	0	10	------------	Cu.-N. NE	8	Ci.-S. W	Cu.-N. NE
31	Calm	----	W	1	E	2	E	1	E	0	Calm	----	10	------------	N. NE	8	Ci.-Cu. WNW	Cu.-N. ENE
Mean	------	0.7	------	0.7	------	1.2	------	1.2	------	0.9	------	0.5	6.7	------------	------------	7.3	------------	------------

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[a] The height of the barometer of this station having been rectified in May, 1911, a correction of —0.20 mm. had to be applied to all the barometric readings for 1909, as compared with those published in the Monthly Bulletin of the same year. This will hold good likewise for the Annual Report of 1910. The error in the height of this barometer seems to go back as far as April 23, 1908.

TACLOBAN.

[φ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

FEBRUARY, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.08	59.09	60.62	57.91	58.61	60.07	21.8	21	26.4	29.5	25.8	23.5	30.2	20.6	84	91	63	51	70	87	----
2	58.99	59.33	60.67	58	58.98	60.16	22.5	22.1	27	30.3	27.1	25.2	32.2	21.7	89	91	73	59	76	88	----
3	58.64	58.77	59.67	57.66	58.76	59.48	24.2	23.9	27.7	26.6	26	25	30	23.2	92	92	82	90	86	92	7.1
4	59.02	59.42	60.79	59.02	59.96	60.94	24.7	24.4	28.4	30	26.5	25	32.7	23.9	89	90	68	59	79	81	----
5	60.84	61.53	62.46	60.22	61.45	61.80	23.2	22.2	28.1	30	25.8	25	31.8	21.3	87	89	70	62	85	88	9.6
6	61.10	61.60	62.11	60.20	60.96	61.75	24.5	24.4	27.8	30	27.2	26	31.2	23.3	88	89	64	56	68	78	4.6
7	61.12	61.95	62.56	60.54	61.59	62.28	24.5	24.9	26.4	29	27.2	25	31.5	23.2	83	80	70	58	61	70	----
8	61.82	62.05	63.11	61.10	61.61	62.07	24	23.8	23.5	24.2	25.7	24.8	26.6	23	81	85	90	90	81	85	14
9	61.51	62.11	62.77	60.44	61.69	62.22	23.8	23.4	26.6	28	25.8	25	30	22.9	87	88	75	70	75	78	----
10	61.47	62.13	62.64	60.11	61.24	62.25	23.5	23.1	27.5	29	25.8	24.9	30.8	22.2	88	90	73	55	70	78	----
11	61	61.24	62.20	59.31	60.16	61.29	24	23.5	28,4	30.2	26.5	26	31.8	22.7	83	87	67	57	69	74	7.6
12	60.51	60.81	61.79	60.20	60.57	61.42	24.5	24	23.5	25.8	25.4	24.4	27	22.7	88	91	91	85	82	87	26
13	60.59	60.79	61.25	59.01	60.26	61.46	23.5	23	27.2	30.3	25.3	24.1	31.5	22.5	90	93	75	67	84	92	16.3
14	59.58	60.25	61.36	59.02	59.81	60.93	23.4	23	24.2	23	25.2	24.2	26	22.6	92	93	90	96	82	87	20.4
15	59.46	59.43	60.77	58.56	59.81	60.79	23.8	23.5	26.5	29	26.1	25.8	31	22.2	88	90	80	64	76	78	21.8
16	59.26	59.68	60.56	58.42	59.25	60.82	25.1	23.3	26.4	27	25.7	25	28.9	22.2	83	92	77	86	88	92	6.9
17	59.38	59.48	60.62	59.19	59.73	60.58	24.7	24.3	27	23.5	23.5	23.8	29	23	88	86	83	87	90	89	8.6
18	60.15	59.96	60.83	58.61	58.76	59.86	23.8	23.4	25.5	25.7	25.7	24.7	27	22.8	89	92	86	86	86	92	9.6
19	59.10	59.25	60.67	58.78	59.46	60.51	24.3	23.9	27.2	30	27.5	26.3	31	23.2	91	92	83	72	77	79	.5
20	59.51	59.57	60.59	58.51	58.76	60.22	24.5	23.7	29.4	30	27.3	26.2	31.5	23	92	92	68	69	82	82	----
21	59.63	59.95	60.04	57.84	58.36	59.84	24.8	23.8	28.6	30	26.5	25.2	31.5	23.3	90	94	73	65	82	89	----
22	59.51	60	60.31	58.54	58.89	60.05	24.7	24.4	29.5	30.4	27.8	26.5	32.5	23.9	92	92	67	65	71	78	----
23	59.18	59.67	60.54	58.69	59.34	60.20	25	24.1	27.4	26.4	26	25.2	31	23.4	88	92	81	84	84	88	10.1
24	59.58	59.56	60.19	58.49	58.78	60.05	24.1	23.6	28.4	29.5	27	25.5	31	23	90	93	69	61	72	80	1.3
25	58.97	59.73	60.71	58.51	59.65	61.02	24.3	22.7	28.6	30.2	27.2	26.3	31.8	22	86	94	66	59	74	78	----
26	59.86	60.43	61.23	59	59.69	61.09	25.2	23.2	28.3	30	28	25.8	32.5	22.7	82	93	64	64	63	74	----
27	60.18	60.38	61.26	58.98	59.49	60.19	24.2	23	26.5	31	28	25.2	32	22.7	85	94	75	55	57	74	----
28	58.80	59.09	60.20	58.11	58.53	59.62	23.3	22.5	29.4	31	27	26	32.5	21.9	89	94	63	50	68	72	1
Mean	59.92	60.26	61.16	59.03	59.79	60.82	24.1	23.4	27.2	28.6	26.4	25.2	30.6	22.7	87.6	90.7	74.5	68.6	76.4	82.5	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	165.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NW	1	NW	1	W	1	SE	1	ESE	1	Calm	----	5	Ci.-S. WNW	S.-Cu. NE	6	----	Cu. NE
2	NW	1	WNW	1	NW	1	SSE	1	E	1	NW	0	8	Ci. WNW	S.-Cu.	8	Ci. SW	Cu. ENE
3	WNW	1	WNW	1	NW	1	E	1	W	1	ENE	0	10	----	Cu.-N. E	10	----	Cu.-N. ENE
4	NE	0	N	1	E	1	E	1	E	1	E	0	10	----	Cu.-N. NE	7	Ci.-S. SW	Cu. ENE
5	NW	0	NW	1	NbyE	1	NE	1	NE	3	Calm	----	4	Ci.-S.	S.-Cu.	7	Ci.-S. W	Cu. NE
6	Calm	----	Calm	----	ESE	1	E	1	ESE	2	ESE	1	8	Ci.-S. W	S.-Cu.	7	Ci.-S. W	Cu. ENE
7	E	1	NE	1	ENE	3	E	2	E	1	E	1	8	Ci.-S.	Cu.-N. ENE	8	A.-Cu. ENE	Cu.-N. ENE
8	NNE	1	N	1	Calm	----	SE	1	SSE	1	N	1	10	----	Cu.-N. ENE	10	----	N. ENE
9	NW	1	NW	1	NNW	1	N	0	E	1	E	1	8	Ci.-S.	Cu. SE	8	Ci.	Cu.-N. ENE
10	NW	1	NW	1	NNE	1	ESE	2	ESE	1	NE	2	8	Ci.-S. SW	S.-Cu.	7	Ci. WNW	Cu. ENE
11	WNW	1	NW	1	N	1	E	1	E	1	ENE	1	5	Ci.	Cu. ENE	5	Ci.-Cu. S	Cu. NNE
12	NNW	1	NW	1	N	2	N	0	NNW	1	NW	1	10	----	N. NE	10	----	N. NE
13	NNW	1	NW	1	NNW	0	S	1	SSE	0	SSE	0	4	Ci.-S.	N.-cf. ENE	7	----	Cu.-N. E
14	N	1	NNW	1	EbyN	1	Calm	----	Calm	----	Calm	----	10	----	N. ENE	10	----	N. E
15	WNW	1	WNW	1	N	1	E	1	E	1	S	1	10	----	Cu.-N. E	8	Ci. SSW	Cu. NE
16	SSE	1	WSW	1	N	1	N	1	Calm	----	NNW	1	10	----	N. E	9	----	Cu.-N. ENE
17	NW	0	Calm	----	NW	0	WNW	1	SE	1	W	1	7	Ci.-S. SW	S.-Cu. E	10	----	N. EbyN
18	NW	1	NW	1	ESE	1	SSE	1	SSE	1	S	0	7	Ci.-S. W	Cu.-N. E	9	----	Cu.-N. ESE
19	Calm	----	Calm	----	SSE	1	SE	1	SE	1	Calm	----	8	----	N. ESE	7	Ci.-S. W	Cu. SE
20	Calm	----	NNE	1	SE	0	SSE	2	S	1	SSE	1	6	Ci.-S.	S.-Cu. SE	7	Ci.-S. W	Cu. SE
21	NW	1	NW	1	NNE	0	ESE	1	ESE	1	ESE	1	6	Ci.-S. SW	S.-Cu.	2	Ci.-S.	Cu. SE
22	NW	1	NW	1	SE	1	SE	2	SE	2	Calm	----	5	Ci.-S. W	S.-Cu. SE	5	----	Cu. ESE
23	NNE	1	NW	1	NW	1	SE	1	NE	1	NE	1	7	Ci.-S.	S.-Cu. E	9	----	N. E
24	NW	1	NWbyW	1	SE	1	SE	2	SE	1	SE	1	7	Ci.-S.	Cu.-N. E	6	Ci.-S. SW	Cu. ESE
25	NW	0	N	1	ESE	1	SE	1	SE	1	SE	1	6	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu. ESE
26	NNE	1	WNW	1	SEbyE	1	SSE	2	SE	1	Calm	----	3	----	S.-Cu.	7	Ci.-S. SW	Cu. ESE
27	Calm	----	WNW	0	ESE	1	SE	2	SE	1	Calm	----	3	Ci.	S.-Cu.	4	----	Cu. ESE
28	WNW	0	NW	1	NW	1	ESE	1	ESE	1	Calm	----	6	Ci.	S.-Cu.	5	----	Cu. ESE
Mean	----	0.7	----	0.9	----	0.9	----	1.1	----	1	----	0.6	7.1	----	----	7.2	----	----

TACLOBAN.

[φ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

MARCH, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.63	59.43	60.29	57.86	58.11	59.65	24.6	23.4	27.4	31	27.5	26	32	23	82	90	76	59	69	80	5.6
2	58.79	59.38	60.76	58.69	59.10	60.35	24.7	24	28.5	29.8	27.2	25.8	32	23.4	88	93	78	68	75	79	1.3
3	59.10	59.73	60.65	58.38	59.24	60.11	24.6	23	29.7	30.8	27	25.4	32.7	22.2	82	91	63	56	77	82	------
4	58.87	59.60	60.45	58.46	58.98	60.70	23.6	23	28.8	29.4	27	25.3	32.5	22.3	90	91	65	70	80	85	1
5	60.08	60.36	61.26	59.06	59.62	60.74	24.7	23.8	28.8	29.5	27	25.8	32	23.1	87	89	67	61	73	76	------
6	59.63	60.35	61.63	59.30	59.55	60.49	23.6	23.5	28.8	31	28.5	26.4	32.7	22.7	90	90	65	53	66	76	------
7	59.50	59.72	60.50	58.26	58.82	59.26	24	23.3	29.5	30.2	27.5	25.8	33.2	22.5	87	91	61	59	65	75	------
8	58.96	58.93	60.06	58.09	58.13	59.03	24	23.8	27.8	26.5	26.3	25	32.1	23.3	88	91	74	80	74	83	4.8
9	57.94	58.75	59.97	57.76	57.93	59.12	24.3	22.3	28.1	30.7	27.4	25.8	32.2	22.1	89	95	76	56	64	74	1
10	58.02	58.69	59.54	57.46	57.93	59.19	24	23.6	28.6	28.3	26.5	25.2	33.2	23	87	90	72	70	84	80	------
11	57.90	58.05	59.26	56.74	56.86	58.36	24.2	23.4	29	31	27.5	26	32.3	22.3	83	88	66	59	77	82	3.8
12	57.57	57.87	58.66	56.71	57.56	58.46	23.5	23.5	28.4	30	26.8	25.6	32.3	22.7	94	96	75	60	71	79	------
13	57.97	58.57	59.40	57.86	58.64	60.18	24.8	24.2	29.4	25.5	25	23.5	33	22.8	83	88	63	84	88	87	7.8
14	58.95	59.13	60.04	58.45	59.01	59.92	23.8	24	28.4	26.5	25.9	25.7	30.2	22.5	90	91	75	87	85	84	2.5
15	59.10	59.63	60.92	58.86	59.25	60.01	25	24.2	28.5	27	27	25.1	30.5	23.4	86	91	75	73	75	84	14.5
16	58.98	59.50	60.31	57.96	58.55	59.75	23.9	23.7	28	29.8	27.8	26.5	32	23.3	90	89	71	66	71	80	.5
17	58.59	58.98	60.10	57.81	58.61	59.76	25.1	24	28	28	25.3	24.7	29.6	23.3	90	88	71	70	87	90	.5
18	58.65	59.05	59.69	57.52	58.65	59.79	24.1	23.9	28.3	30.8	27.3	26.7	32.2	23.2	91	92	71	54	70	74	4.3
19	58.88	59	60.09	58.21	58.73	60.36	25	24	26.5	27.8	26.8	25	30	23.3	84	91	81	79	78	88	15.5
20	58.42	58.47	59.58	57.27	57.57	58.09	25	24.6	24.8	25	25.3	24.9	26.2	23.3	83	87	89	92	88	86	27
21	56.45	56.70	57.51	55.04	55.48	56.86	24.6	24.4	25.9	26.8	26.2	25.4	28.2	23.6	83	84	85	84	82	88	------
22	55.70	56.29	56.80	54.73	55.33	56.89	24.6	24.4	27.5	29.3	26	25.7	30.5	24	94	96	82	72	84	86	4.3
23	55.93	56.59	58.03	56.91	57.19	58.88	25	25.6	25.8	26	25	25	28	24.1	93	87	91	92	92	90	16.5
24	57.83	58.36	59.34	57.44	58.28	60.09	25.8	26	28.5	29	26.7	26.5	30.5	24	84	84	74	71	79	76	5.6
25	59.41	59.93	61.07	58.85	59.54	61.12	24.7	23.6	28.4	29.4	27	25.8	31.5	23	87	95	71	66	77	84	1
26	60.18	61.08	61.81	59.74	60.46	62	25	24.3	27.4	27.4	27	25.9	30.2	23.6	88	92	79	76	76	83	.5
27	60.66	61.32	62.40	60.02	60.49	62.05	25.6	25.3	28.4	31	27.5	25.5	32.1	23.2	79	81	64	55	72	82	------
28	60.95	61.36	62.06	59.82	60.16	61.72	24.2	23.5	29.8	29.9	27	26.5	32.2	23	87	90	63	65	77	78	5.3
29	60.52	60.71	61.76	59.52	60.21	61.59	25	24.5	28.3	30	27	26	31.8	23.8	88	92	70	65	74	79	8.4
30	60.55	60.78	61.60	59.06	59.36	61.15	24.7	23.5	28.9	29.4	27.5	25.5	32.2	22.6	86	90	65	65	69	80	1
31	59.81	60.22	61.04	58.62	59.49	60.99	24	23.2	29.2	30.6	27.8	26.8	33.3	22.6	88	93	63	67	71	73	------
Mean	58.79	59.24	60.21	58.08	58.61	59.89	24.5	23.9	28.2	28.9	26.8	25.6	31.4	23.1	87.1	90.2	72.3	68.8	76.5	81.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	132.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	NE	1	NW	1	SSE	1	SSE	1	NE	1	10	------------	N. ESE	6	Ci.	Cu. E
2	NW	1	NNW	1	N	1	SbyE	1	EbyS	1	ESE	1	10	------------	N. E	7	------------	Cu. EbyN
3	Calm	----	Calm	----	NNE	1	ESE	1	ESE	1	ESE	1	6	Ci. SW	S.-Cu.	7	Ci. SW	Cu. ENE
4	NNE	0	NWbyN	1	NE	0	SE	1	NW	1	NW	0	8	Ci.-S. SSW	N.-cf. E	8	------------	Cu.-N. E
5	NW	1	NNW	1	EbyN	1	E	3	N	1	NE	1	8	------------	Cu.-N. E	3	------------	Cu. E
6	NE	0	NNE	0	E	1	SE	1	ESE	1	E	1	3	Ci.	S.-Cu.	4	Ci.	Cu. E
7	NW	0	NW	1	NNE	1	SE	1	E	1	E	1	7	Ci. W	S.-Cu.	5	Ci.-S. W	Cu. E
8	WNW	0	NW	1	NNE	1	E	2	EbyN	1	ENE	1	7	Ci.-S.	S.-Cu. ENE	9	------------	Cu.-N. ENE
9	Calm	----	N	1	N	1	ESE	1	ESE	1	ENE	1	8	Ci. S	S.-Cu.	7	Ci. SSW	Cu. E
10	N	1	NNW	1	NNW	1	SE	3	Calm	----	Calm	----	8	Ci.-S.	S.-Cu.	9	------------	Cu.-N. E
11	N	0	N	1	NE	1	NNE	1	ESE	1	Calm	----	8	Ci.	S.-Cu.	7	Ci. W	Cu. EbyN
12	Calm	----	Calm	----	NNW	1	SSE	1	E	1	E	0	10	------------	N. EbyN	7	Ci. W	Cu. ENE
13	NW	1	NW	1	NE	1	E	1	ESE	0	Calm	----	8	Ci.-S.	S.-Cu. E	10	------------	N. ENE
14	WNW	1	WNW	1	NNW	1	NNW	1	N	1	Calm	----	8	Ci.-S.	Cu.-N. ENE	9	------------	N. ENE
15	NWbyN	1	NNW	1	NE	0	E	2	Calm	----	Calm	----	9	------------	Cu.-N. ENE	8	------------	Cu.-N. ENE
16	NW	1	Calm	----	SSE	1	SSE	1	SW	1	N	1	10	------------	N. E	8	A.-Cu. E	Cu. E
17	NW	1	NW	1	NNW	1	NNW	1	NbyW	1	NbyW	1	8	Ci.-S.	N.-cf. ENE	8	------------	Cu.-N. ENE
18	NNW	1	NNW	1	WSW	0	ESE	1	E	2	NNW	1	6	Ci.-S.	Cu. NE	7	Ci.	Cu. NE
19	NW	1	Calm	----	NE	1	SSE	1	E	1	Calm	----	8	Ci. WSW	N.-cf. ENE	7	------------	N. NEbyE
20	NNW	1	WNW	1	NW	1	NW	1	NNE	2	NNE	1	10	------------	N. ENE	10	------------	N. NE
21	NNW	2	NbyW	2	N	1	NbyW	2	N	2	N	2	10	------------	Cu.-N. NEbyE	10	Ci.	Cu.-N. NNE
22	NNW	2	NNW	1	NNW	1	NNW	2	NNW	1	W	1	10	------------	Cu.-N. N	8	Ci. SSE	Cu. NW
23	SSW	1	SSE	3	S	2	SSE	0	Calm	----	SE	1	10	------------	N. S	10	------------	N. SE
24	SSE	2	SE	1	SE	2	SSE	1	SE	0	Calm	----	8	Ci.-S.	Fr.-cu. SSE	8	Ci.	Cu.-N. SE
25	Calm	----	W	1	NE	1	SSE	1	SSE	1	Calm	----	7	Ci.-S.	S.-Cu. E	8	------------	Cu.-N. SSE
26	NW	1	Calm	----	ESE	1	E	1	ESE	1	E	0	7	Ci.-S. SSW	Fr.-cu. ESE	9	------------	N. SE
27	E	1	Calm	----	EbyS	1	ESE	1	ESE	1	Calm	----	7	Ci.-Cu. E	S.-Cu.	6	Ci.	Cu. ESE
28	WNW	1	WNW	1	E	1	ESE	1	E	2	E	1	5	Ci.-S.	S.-Cu.	4	------------	Cu. E
29	WSW	1	ENE	0	ESE	1	E	1	ESE	1	NW	0	5	Ci.-S.	Cu. E	7	Ci. SW	Cu. E
30	Calm	----	W	0	ESE	1	E	1	ESE	1	Calm	----	2	------------	S.-Cu.	5	------------	Fr.-Cu. E
31	WNW	0	WNW	0	E	1	SE	2	E	2	E	1	1	------------	Cu.	4	------------	Fr.-Cu. E
Mean	-------	0.7	-------	0.8	-------	1	-------	1.3	-------	1	-------	0.6	7.5	------------	------------	7.3	------------	------------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

APRIL, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maxi-num.	Mini-num.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.77	60.33	60.98	59.05	59.35	60.64	24.9	24	29.8	30.2	28	26.5	33	22.9	83	86	60	64	67	74	-----
2	59.83	60.05	60.89	58.92	59.77	61.34	25.2	24	30.3	30.6	27.8	26.3	32.8	23.2	83	91	60	67	71	78	-----
3	59.67	60.36	61.18	58.80	59.71	61.46	25.8	24.5	29.4	30.4	28.8	26.2	32.5	23.7	81	91	65	60	65	81	-----
4	60.05	60.26	61.26	59.05	59.60	61.12	25.7	25	30.7	31.7	28.5	27	33.2	23.7	85	91	61	62	66	74	-----
5	59.83	60.02	61.06	58.87	58.95	60.44	25.5	24.3	29.5	31.5	28	25.2	33.5	23.3	82	89	61	62	70	85	-----
6	59.53	59.78	60.33	57.82	57.86	59.09	25	24	29.8	30.9	27.8	24.7	33.2	22.5	85	90	63	60	70	83	-----
7	58.13	58.95	60	57.02	57.16	59.29	23	23.4	29.5	32.6	28.9	26.7	34.7	21.9	93	92	67	52	68	79	-----
8	58.89	59.45	60.12	58.28	58.41	60.17	25.2	25.4	30.2	31.7	28.2	27	33	23.7	85	84	62	59	69	77	-----
9	59.39	60.44	61.09	58.60	59.42	60.56	26.4	25.4	30.6	30.8	28.7	27	33.1	25.2	79	84	57	52	62	72	-----
10	59.31	60.12	61.04	58.79	59.14	60.16	25.5	25.5	29.6	30.8	29	27	32.5	23.8	83	88	61	56	64	73	-----
11	59.14	59.86	60.61	58.69	59.61	60.56	24.8	25	29.8	31.6	28.5	26.9	33.5	23.8	91	92	58	55	67	75	-----
12	60.11	60.52	61.18	59.12	60.15	60.87	25.2	24.2	30.2	31.4	26.5	26.3	33.5	23.1	87	93	57	59	78	77	2.3
13	59.41	59.83	60.34	58.66	58.86	60.01	25.4	24.9	28.4	27	27.2	26	32.5	23.8	84	88	75	80	75	84	5.6
14	58.91	59.19	59.62	57.68	58.94	60.12	25.4	26	30.8	31.6	27.2	25.5	33.5	24.3	86	84	67	63	81	88	15.8
15	59.21	59.42	60.16	57.60	58.26	59.41	24.6	24.4	28.2	30	26.2	26	31.2	23.8	92	93	77	69	90	86	4.1
16	58.63	58.58	59.14	57.49	58.30	59.66	25.3	25	30	28.8	27.3	27	32	24.1	89	92	70	75	78	76	6.9
17	58.68	59.22	60.13	57.63	57.84	59.90	26.1	25.4	30	30.4	28.3	26.7	32.5	24.4	83	88	67	66	65	76	-----
18	59.03	59.42	60.41	58.61	59.02	60.24	24.9	24.5	28.8	28.3	27.3	25.7	31.5	23.8	87	92	65	68	76	88	1.8
19	59.62	59.51	60.20	57.71	57.91	59.24	24.7	24.9	30	29.8	27	26.4	32.1	23.8	94	92	59	67	81	77	10.4
20	58.23	58.82	59.19	57.33	58.06	59.56	25.2	24.7	28.8	30.4	28	27	32.7	23.2	85	91	64	63	70	76	-----
21	59.02	59.33	60.18	58.04	58.30	59.76	25.4	25	29.4	30.8	28	27	32	24	85	83	56	50	66	72	-----
22	58.83	59.60	60.14	57.84	57.94	59.42	26.2	25.8	30	31.2	28.2	27.7	32.7	24.2	78	81	61	57	66	69	-----
23	59.14	59.31	59.68	57.82	57.96	59.76	26.9	26.2	30	30.5	27.6	27	33	24.5	76	82	64	59	69	73	-----
24	58.93	59.24	59.80	57.69	57.76	59.55	26.8	26.4	30.6	31	28	27.1	33	24	74	77	58	61	75	72	-----
25	58.73	59.28	59.80	57.86	58.10	60.46	24.2	24.5	30.3	30.3	28.2	26.5	32.5	23.7	92	91	59	63	76	75	-----
26	59.04	59.46	60.14	57.03	57.94	59.82	24.8	24	30.8	31.4	28.9	27.5	34	23	86	91	60	63	71	73	3
27	58.58	59.09	59.55	57.29	57.46	59.56	24.9	25	29.5	31	29	27.2	32.2	23.9	91	92	70	61	76	75	-----
28	58.43	58.76	59.24	56.93	57.46	59.22	25.7	25.2	30.3	31.3	28.8	27.4	32.7	24.1	86	92	63	61	72	74	18.3
29	57.57	58.62	59.03	57.06	57.76	58.90	25.4	25.5	30	30.6	27.5	26.5	32	24	90	91	65	60	81	83	-----
30	57.63	58.29	59.14	57.16	57.21	59.46	25	25.3	30	29.8	26.8	25.7	32.5	24.5	93	92	68	69	80	86	1.3
Mean	59.04	59.50	60.19	58.01	58.47	59.99	25.3	24.9	29.8	30.6	27.9	26.6	32.8	23.7	85.6	88.8	63.3	62.1	72.2	77.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	69.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	EbyS	1	ESE	1	E	1	Calm	----	1	----------	S.-Cu.	7	----------	Cu. ENE
2	Calm	----	WNW	0	ESE	1	SSE	1	E	2	Calm	----	2	----------	S.-Cu.	8	----------	Cu. E
3	W	0	WSW	1	ESE	1	SSE	1	E	1	Calm	----	5	Ci.-Cu. ENE	S.-Cu.	6	----------	Cu. E
4	WSW	0	W	0	E	1	E	1	E	1	ENE	1	6	----------	Cu. E	7	Ci.-Cu. E	Cu. E
5	WNW	0	WNW	1	NE	1	SSE	2	S	2	NW	1	2	----------	Cu.	2	----------	Cu. ENE
6	Calm	----	WNW	1	E	1	SE	1	SSE	1	Calm	----	2	----------	S.-Cu.	2	----------	Cu.
7	Calm	----	WSW	0	E	1	SSE	1	SSE	1	Calm	----	2	----------	S.-Cu.	3	----------	Cu. NE
8	Calm	----	Calm	----	SSE	2	SSE	2	SSE	1	SbyE	2	4	----------	Cu. ESE	2	----------	Cu.
9	SSE	2	ESE	1	SSE	2	S	2	SSE	1	SE	1	4	----------	Cu. ESE	2	----------	Cu.
10	Calm	----	Calm	----	E	1	S	2	S	1	SE	1	2	----------	Cu.	3	----------	Cu. SE
11	W	1	WNW	0	SSE	1	ESE	2	ESE	1	Calm	----	2	----------	S.-Cu.	6	----------	Cu. ESE
12	Calm	----	NW	1	SSE	1	SSE	2	E	1	NE	0	3	----------	Fr.-Cu. E	2	Ci.	Fr.-Cu.
13	NW	1	NNW	1	NE	1	ESE	1	ENE	2	NE	1	8	----------	Cu.-N. E	8	----------	Cu.-N. E
14	NE	1	E	0	SE	1	SSE	2	ESE	0	ESE	1	3	Ci.	Cu.	7	----------	Fr.-Cu. ESE
15	SE	1	ESE	1	SE	1	ESE	1	S	1	ESE	0	10	----------	N. E	7	C.-S. SW	Cu. EbyS
16	Calm	----	Calm	----	ESE	1	SSE	1	S	0	SE	1	6	Ci. SW	Cu. E	9	----------	Cu.-N. ESE
17	Calm	----	Calm	----	SEbyS	1	SSE	1	E	1	Calm	----	8	Ci. SSW	Cu.	7	Ci.-S. SSW	Cu. E
18	ENE	0	ENE	1	E	1	ESE	0	Calm	----	Calm	----	8	Ci.-S.	Cu.-N. ENE	8	Ci.-S. SW	Cu.-N. E
19	NW	1	W	1	SSE	1	SSE	1	Calm	----	ENE	0	8	Ci.-S.	Cu. E	4	----------	Cu. ENE
20	N	1	NNW	1	SE	1	SSE	1	SSE	1	SSE	1	2	----------	Fr.-Cu. ENE	4	Ci.	Cu. E
21	ENE	1	EbyS	1	SE	2	SSE	1	E	1	E	1	2	----------	Fr.-Cu. ESE	2	----------	Fr.-Cu.
22	E	0	E	0	SE	1	SSE	1	SSE	1	SSE	1	8	----------	Cu. SSE	2	----------	Cu.
23	SSE	1	E	1	ESE	1	SSE	1	S	1	EbyS	0	3	----------	Fr.-Cu. SSE	2	Ci.	Cu.
24	E	1	ENE	0	SE	1	SSE	2	SSE	2	SE	1	7	----------	Cu. SSE	5	Ci. SW	Cu. ESE
25	NE	0	NE	1	SSE	1	SE	1	SE	1	SE	1	7	Ci. W	Cu. ESE	8	Ci.-Cu.	Cu.-N. SE
26	NbyE	0	NNE	0	SSE	1	ESE	1	ESE	2	ESE	0	7	Ci. SW	S.-Cu.	5	Ci.	Cu. SE
27	E	1	SE	0	SE	1	SSE	1	SE	1	SE	1	8	----------	Cu.-N. SE	4	Ci.-S. SW	Cu. SE
28	Calm	----	WNW	0	SE	1	SE	1	SE	1	Calm	----	4	Ci.	Cu. ESE	3	Ci.	Cu. E
29	Calm	----	W	0	SE	1	SSE	2	SbyE	0	Calm	----	3	----------	Fr.-Cu. SEbyE	4	----------	Fr.-Cu. E
30	Calm	----	WNW	0	SbyE	1	SE	1	NE	1	Calm	----	6	Ci.	Cu. SE	6	Ci.-S. SW	Cu. ESE
Mean	-------	0.4	-------	0.4	-------	1.1	-------	1.3	-------	1	-------	0.5	4.8	----------	----------	4.8	----------	----------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

MAY, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ot.*	*P. ct.*	*mm.*
1	58.02	57.93	59.06	56.94	57.76	59.11	25	24.7	29.4	31.4	28.6	26.7	33	23.9	92	94	72	60	75	81	-----
2	58.30	58.31	59.09	57.76	58.51	60.32	25.8	25.3	31.3	28.2	27.9	26.5	32.6	24.4	87	89	64	80	79	80	1
3	58.98	58.96	59.59	57.48	58.06	59.09	25.8	25.4	28	30.4	27.8	27.2	32.6	24.1	85	89	81	72	74	81	.8
4	57.82	58.26	59	57.33	57.82	59.17	26	25.8	30.8	30.2	26.7	26.2	32.7	24.6	90	87	60	71	87	92	2.8
5	57.93	58.03	58.57	56.38	57.09	58.52	26	25.8	31	32	29	27.9	34	24.2	92	92	65	66	74	79	-----
6	56.98	57.28	58.02	57.02	57.16	58.33	26.8	26.5	31.6	27.9	27.7	26.7	34	25.5	86	90	65	81	82	88	1.5
7	56.99	57.41	58.05	56.94	56.98	58.43	26.2	25.4	31.4	27.8	26.5	26.4	33.5	24.8	89	91	68	86	82	81	1.3
8	56.68	57.51	58.05	55.92	56.82	58.12	26.2	25.2	30.8	30.4	28.5	26	32.8	24.3	84	90	70	67	74	92	1.8
9	56.96	57.63	58.69	57.04	58.17	59.67	25.4	25.1	26.5	29.9	26.2	25.9	30.5	24.2	93	95	82	72	82	88	22.4
10	58.51	59.20	60.09	58.45	58.36	60.44	25.8	25.6	30.4	28.8	27.5	27	31.6	24.4	92	95	71	72	81	84	-----
11	59.36	59.49	59.59	57.84	58.50	60.39	26.2	25	30	31.4	27.5	26.8	33.3	24.5	90	92	64	67	82	86	7.4
12	59.01	59.06	59.81	57.99	58.41	59.87	25.9	26.1	28.8	30	28.5	27.5	31.7	24.5	88	91	78	73	76	82	.5
13	58.22	58.39	58.99	57.42	57.81	59.19	26.2	25.5	30.9	32	28.8	27.6	34	24.5	90	94	65	55	76	83	-----
14	58.22	58.37	58.99	57.47	57.84	59.69	26.4	25.8	31	31	29.5	28.2	33.2	24.7	89	92	65	65	70	77	-----
15	58.61	58.73	58.95	57.24	57.49	59.34	27	25.7	31	26.7	28.2	27	33.7	24.7	83	93	62	85	75	80	.5
16	58.04	58.81	59.67	58.06	58.21	59.74	26	25.4	26.4	28	27.2	26.1	29.2	24.3	85	88	85	77	83	91	1.3
17	58.56	59.31	59.73	57.71	58.91	60.31	26	25.4	30.8	31.7	29	28.5	33.6	23.9	91	95	64	53	66	76	-----
18	58.71	59.36	60.05	58.08	58.64	60.40	27	26	31.7	31.8	30	28.5	34	24.9	85	92	62	62	68	77	-----
19	59.42	59.71	60.29	58.27	58.05	59.31	27.6	26.6	31.3	33	29.2	27.3	34	25	81	87	60	61	71	80	-----
20	58.36	58.69	58.97	57.54	58.10	59.34	26.1	25.9	31.5	30	27.3	26.1	33.7	24.5	87	88	57	68	82	87	.5
21	58.61	58.72	59.10	57.98	58.72	60.12	25.3	25.4	30	29.4	28.4	27.3	31.2	24.3	88	88	73	75	76	81	6.9
22	59.10	59.32	60.09	58.50	58.74	61.18	26.5	26.3	31	31.4	29	28.1	32.9	24.9	86	90	63	66	73	78	-----
23	60.11	60.60	61.03	58.87	58.82	60.13	27.1	26	31	31.7	29.8	27.9	33.9	25.1	83	92	57	63	72	81	-----
24	59.31	59.51	59.85	57.68	57.84	58.96	26	26.5	32.4	31.6	28.8	28.2	35	25.1	89	86	61	66	79	78	-----
25	58.16	58.69	59	56.91	57.41	58.72	27.3	27.6	31.3	30.5	29.5	28.5	34	25.8	84	84	66	65	72	81	3.3
26	57.58	58.58	58.95	56.84	57.64	59.15	26.6	26.8	31	31.8	29	28.5	32.8	24.9	89	88	69	60	74	78	7.1
27	58.33	58.82	58.99	56.56	57.77	59.14	26.4	26.7	30.8	31.8	29	27.8	33.6	24.6	88	86	73	61	78	82	-----
28	58.20	58.35	58.88	57.08	57.05	58.71	26.9	27	31.1	30.4	28.9	27.7	33	25	87	85	66	68	74	81	---
29	57.53	58.27	58.77	57.35	57.41	58.41	26.5	27.4	32	28.4	25.6	26.2	33.9	24.7	89	84	60	76	94	85	43.4
30	57.01	56.77	57.22	55.84	56.38	57.88	25.8	25.4	28	29.4	27.5	27	30.5	25	87	89	85	78	77	84	3.6
31	56.53	57.02	57.81	56	57.06	59.04	26.4	26	30.8	31	28	27.2	33	25	88	92	69	65	77	79	----
Mean	58.20	58.55	59.13	57.37	57.86	59.36	26.3	25.9	30.5	30.3	28.2	27.2	33	24.7	87.6	89.9	67.8	68.9	76.9	82.4	----
Total	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	106.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NW	0	NW	1	SE	1	SSE	2	SE	1	SE	1	5	Ci.	Cu. NE	5	Ci.	Cu. ESE
2	NW	1	WNW	1	SE	1	ESE	0	Calm	----	Calm	----	5	Ci. SWbyS	Cu.	8	------------	Cu.-N. ESE
3	Calm	----	NW	1	SEbyS	1	SEbyS	1	SE	0	SE	0	3	------------	Cu. ESE	7	------------	Cu.-N. E
4	NW	1	NW	1	NNE	0	ESE	1	N by E	1	N	1	5	Ci. SW	Fr.-Cu.	7	Ci. SSW	Cu. ENE
5	N	1	WNW	0	S	0	S	1	E	1	ENE	0	7	Ci. SSW	S.-Cu.	6	Ci.-S. SW	Cu. E
6	N	1	WNW	1	WNW	0	ENE	0	Calm	----	NW	0	8	Ci. WbyN	Cu.	8	------------	Cu.-N. E
7	WNW	1	NW	1	NE	1	ENE	0	ENE	0	Calm	----	8	Ci.-S. WbyN	Cu. E	10	------------	N. NE
8	NW	1	NW	1	ESE	1	SE	1	SSE	1	Calm	----	8	Ci.-S. NNW	S.-Cu. SE	8	Ci.	Cu.-N. SSE
9	Calm	----	Calm	----	SE	1	SE	1	SE	0	Calm	----	9	Ci.-S.	Cu.-N. SSE	9	Ci.	Cu.-N. SSE
10	SE	0	Calm	----	SSE	1	SE	1	SE	0	Calm	----	7	Ci.-S.	Cu. SSE	8	Ci.	Cu.-N. SE
11	Calm	----	Calm	----	E	0	SSE	1	Calm	----	Calm	----	7	Ci.-S. NW	S.-Cu.	7	Ci.-S. NW	Cu. SSE
12	WNW	0	Calm	----	SSW	1	SSE	1	SSE	1	SSE	1	9	------------	Cu.-N. ESE	8	Ci. NW	Cu. SE
13	WNW	1	W	1	ESE	1	SEbyS	1	SE	1	SE	0	7	Ci. WNW	Cu. ESE	6	Ci.-S. WNW	Cu. ESE
14	SW	1	W	1	SSE	1	SSE	1	SSE	1	SE	1	7	Ci. W	S.-Cu.	6	Ci.-S. W	Cu. ESE
15	NNW	0	WNW	0	ESE	1	SE	1	SE	1	NW	0	2	Ci.	Cu. ESE	9	------------	N. ESE
16	WNW	1	E	0	Calm	----	E	0	E	1	Calm	----	9	------------	Cu.-N. E	10	------------	Cu.-N. ESE
17	Calm	----	Calm	----	SEbyS	1	SSE	1	S	1	SSE	1	8	------------	Cu.-N. ESE	3	------------	Cu. ESE
18	NW	1	W	0	S	1	SSE	1	ESE	1	ESE	1	3	Ci.-S.	Cu. SE	3	------------	Cu. SE
19	Calm	----	W	0	SSE	1	SE	2	ESE	1	WNW	1	6	Ci.-S. SW	Cu. NNE	4	Ci.	Cu. E
20	WNW	1	NW	1	ENE	1	EbyS	1	Calm	----	Calm	----	3	------------	S.-Cu.	7	Ci.-S. NW	Cu.-N. ESE
21	WSW	0	Calm	----	SE	1	ESE	2	SE	1	NE	1	4	Ci.-S.	Cu. ESE	8	Ci.-S.	Cu.-N. ESE
22	NNW	0	WNW	0	SSE	1	SE	2	SE	1	SE	1	2	------------	Cu.	3	------------	Fr.-Cu. E
23	NNW	0	WNW	0	E	1	ESE	1	ESE	1	Calm	----	3	Ci.-S.	S.-Cu.	7	Ci. SSW	Cu. NE
24	NW	0	N	1	NE	1	SE	1	SSE	1	E	0	8	Ci.-S.	Cu. ESE	8	Ci.	Cu.-N. ENE
25	NE	0	NNE	0	SEbyS	1	SEbyS	1	ESE	1	ESE	1	7	Ci.	Cu. SSE	7	Ci. NW	Cu. SE
26	SW	0	Calm	----	SSW	1	ESE	1	SE	1	ESE	1	8	------------	Cu.-N. SEbyE	3	------------	Cu.
27	Calm	----	Calm	----	ESE	1	SE	1	Calm	----	Calm	----	2	------------	Cu.	5	Ci.	Cu. ESE
28	W	1	NW	0	E	1	ESE	1	ESE	1	ESE	1	7	Ci. W	Cu.	8	Ci. W	Cu. E
29	Calm	----	E	1	ESE	1	ENE	3	NW	1	NE	1	8	Ci.-S. NW	Cu. SE	10	------------	N. ENE
30	NW	1	ENE	0	NNE	1	SE	1	SE	1	E	1	8	Ci.-S.	Cu.-N. ENE	9	------------	Cu.-N. E
31	E	1	NNW	1	SE	1	SSE	1	SSE	0	Calm	----	4	------------	Cu. SE	4	------------	Fr.-Cu. ESE
Mean	-------	0.5	-------	0.4	-------	0.8	-------	1	-------	0.7	-------	0.5	6	------------	------------	6.8	------------	------------

TACLOBAN.

[φ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

JUNE, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.68	58.06	58.43	56.72	56.99	58.91	26	25.5	31	32	29.5	28.2	33	24.5	92	91	59	61	67	76	
2	57.81	58.47	58.79	56.81	57.36	58.82	26.1	26.4	31	32	28.5	28	34	24.8	89	89	64	66	74	77	9.2
3	57.68	57.91	58.39	56.84	57.29	59.14	26.4	26.4	28.6	29.8	28	27.6	32.5	25.6	90	92	80	76	85	86	6.1
4	57.66	58.08	58.89	56.87	57.16	58.40	27.4	27.4	31.4	32.4	29.2	28.2	33.8	26	84	81	67	62	70	77	
5	57.51	58.01	57.95	56.76	57.81	58.45	27	26.4	31	28.4	26.8	26.7	34.1	24.9	85	91	63	78	86	86	22.6
6	57.90	57.92	58.23	56.79	57.18	59.28	26.7	27.8	30.5	30	29.5	28.2	32	25	88	84	73	73	75	79	
7	58.52	58.40	58.89	57.83	57.90	59.61	27.2	26.4	30.8	27.4	28.7	28	32.5	25.3	86	92	67	78	80	81	12.7
8	58.43	59.07	59.57	58.14	58.21	59.76	26.5	25.8	28	29	27.5	26	30.8	25	87	88	80	77	84	92	4.6
9	58.83	59.46	59.59	57.45	57.51	59.34	25.8	25.8	30.4	30.9	29.1	28	32.2	24.3	90	88	69	66	76	80	
10	58.61	58.93	59.10	57.23	57.66	58.75	26.7	25.7	30.9	31.1	29.1	27.8	33.2	24	85	94	69	65	73	79	
11	58.10	58.52	59	57.09	57.61	58.74	27.3	26.5	30.3	31.6	28.8	28	33.2	25	81	88	68	66	76	80	.5
12	58.11	58.53	58.89	57.46	58.34	59.69	27	25.9	30.5	27.5	27.2	26.5	33.4	24.5	82	92	65	86	87	88	2.5
13	58.80	59.40	59.79	58.11	59.15	60.56	26.1	25.8	29.5	30	27.5	26.5	32.5	25.1	89	89	75	68	84	90	2
14	59.40	59.59	59.99	57.79	59.21	60.19	25.9	25.6	31	32	27.5	28	34	24.6	93	94	65	63	84	83	
15	58.56	59.47	59.98	59.16	59.56	60.46	27.3	26.9	30.8	26.5	26.2	26	33.5	24.5	87	91	73	82	85	84	3.8
16	59.21	59.87	60.22	58.18	58.49	60.41	25.6	25.4	30	31.4	27.5	26.6	32.6	23	88	92	67	61	81	87	10.7
17	59.21	60.09	60.26	59.06	59.29	59.74	25.9	25.4	29.3	26.3	25.9	25.2	31.5	23	88	90	75	84	93	94	42.7
18	58.99	59.93	59.96	58.50	58.85	59.06	24.7	24.2	29.3	30.4	29	27	32.8	23.2	92	94	76	69	69	84	
19	59.04	59.22	59.81	57.46	57.62	58.82	26.5	25.8	28.6	28.5	27.5	27	30.7	24.7	87	92	73	75	81	83	
20	58.23	58.53	58.79	56.74	57.10	58.18	26.1	26	30.5	31	28	26.5	33	24	89	91	68	65	83	88	9.1
21	57.69	57.77	57.79	56.04	57.11	59.38	26.2	26	29.4	31	29	24	32.8	23.2	90	92	72	65	71	91	80.3
22	57.93	58.19	58.24	56.78	57.57	58.83	24.1	24.2	29	30	24.8	24.8	32	22.7	91	90	69	71	89	88	10.7
23	57.64	57.89	57.74	56.55	57.51	58.79	24.6	24.4	30	31	28.5	27.5	32.5	23.5	89	91	71	67	76	81	
24	57.98	58.08	57.95	56.59	57.16	58.81	25.9	26	29.5	29.4	28.9	28	32.5	25	91	92	75	74	76	84	
25	58.06	58.26	58.54	56.33	57.49	59	26.8	25.6	29.4	31	27.4	26	32.2	25	88	95	74	62	84	90	9.7
26	57.64	58.38	58.84	56.55	58.14	59.22	24.9	25.1	29	30.4	27.5	26.7	32.4	24	93	92	79	72	81	81	
27	57.73	58.47	58.84	56.74	56.86	59.11	25.4	25	29.4	29.4	27.5	27.2	30.9	23	88	91	78	78	81	83	9.4
28	58.30	57.96	58.95	57.77	58.60	59.26	26.5	25.5	28.5	28	26.6	26.2	30.5	24.5	86	91	81	82	84	85	2.8
29	58.58	59.42	60.09	57.91	58.35	59.91	25.4	25	28.4	29.9	27.3	26.5	31.8	24.2	89	92	82	72	85	89	1
30	58.62	58.91	59.17	57.44	58.12	59.14	26	25.3	30.6	27	26.7	26.5	32.1	24.3	92	93	69	84	86	87	.8
Mean	58.28	58.69	59.02	57.32	57.91	59.26	26.1	25.8	29.9	29.8	27.8	26.9	32.5	24.3	88.3	90.7	71.5	71.6	80.2	84.4	
Total																					241.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	WSW	0	NW	1	E	1	ESE	1	E	1	E	1	1		S.-Cu.	3		Fr.-Cu. E
2	N	1	N	1	SE	1	SE	1	SE	1	ESE	1	2		S.-Cu.	4	Ci.-S. SW	Cu. ESE
3	NW	1	W	0	ESE	2	ESE	2	SE	1	ESE	2	8		Cu.-N. ESE	8		Cu.-N. ESE
4	ESE	1	E	0	SE	1	ESE	1	ESE	1	ESE	0	7	Ci.-S. SW	Cu.	4	Ci.-S. SW	Fr.-Cu. ESE
5	ESE	1	N	0	ESE	0	SSE	2	Calm		Calm		7	Ci.-S. SW	Cu. ESE	9		N. SE
6	ESE	1	Calm		ESE	1	ESE	1	ESE	1	E	0	7	Ci.-S.	Cu. SEbyE	5		Cu. ESE
7	WNW	1	NW	1	SSE	1	WSW	2	ESE	1	E	0	5	Ci.-S. S	S.-Cu.	10		N. SSE
8	NE	1	S	1	ESE	1	SE	1	Calm		E	0	9		Cu.-N. SE	10		Cu.-N. SE
9	Calm		Calm		SE	1	SE	1	SE	1	Calm		6	Ci.-S. SW	S.-Cu.	8	Ci. SW	Cu. E
10	Calm		NW	1	SE	1	SSE	1	SEbyE	1	SE	1	4		Cu. N	5	Ci.	Cu. NNE
11	Calm		NNW	1	SE	1	SSE	1	SE	1	SE	1	6	Ci. SW	S.-Cu.	5	Ci.	Cu. E
12	SE	1	WNW	1	SE	1	Calm		Calm		SW	1	5	Ci.-S. SWbyW	Cu.	9		N. E
13	W	1	WSW	1	SW	1	SSE	1	Calm		Calm		9		Cu.-N. ESE	8	Ci.	Cu.-N. ESE
14	WNW	0	NW	1	SE	1	SSE	1	SSE	1	NW	1	3	Ci. SW	Cu. ENE	7	Ci.-S. WSW	Cu. NE
15	NW	1	WNW	1	NE	1	SSW	1	NNW	1	Calm		8		Cu.-N. NE	10		Cu.-N. N
16	NNE	1	NNW	1	NE	1	NNE	1	NWbyW	1	Calm		5	Ci.-S. W	S.-Cu.	8	Ci. SSW	Cu. N
17	NNW	1	NbyW	1	NbyW	1	W	0	W	0	Calm		8	Ci.-S. SSE	Cu.-N. N	10		Cu.-N. NNW
18	Calm		Calm		ENE	1	ESE	1	ESE	1	ESE	0	9		Cu.-N. NNW	8	Ci.	Cu.-N. W
19	W	1	Calm		NNW	2	ESE	1	Calm		Calm		9	Ci.	Cu.-N. NNW	8	Ci.	Cu.-N. W
20	WNW	1	Calm		E	1	ESE	1	ESE	1	Calm		5	Ci.	Cu. NW	7	Ci. SE	Cu. W
21	NW	1	WNW	0	ESE	1	ESE	1	ESE	0	ESE	1	8	Ci. ENE	Cu.-N.	8	Ci.	Cu. W
22	ESE	1	Calm		ESE	1	ESE	1	Calm		NbyW	1	8	Ci.-Cu.	Cu.-N. NE	8	A.-Cu.	Cu.-N. NE
23	NW	1	WNW	1	NNE	1	S	1	E	1	NW	0	4	Ci.	Cu. NE	7	Ci.	Cu. SE
24	NNW	0	NW	1	NNW	1	SbyE	0	Calm		NW	1	7	Ci.-S. NW	S.-Cu.	8	Ci.	Cu.-N. NE
25	NW	0	NNW	1	EbyS	1	EbyS	1	ESE	1	Calm		9	Ci.-Cu. E	Cu.-N. W	7	Ci.-S. E	Cu.
26	NNW	0	Calm		E	1	SSE	1	Calm		SE	1	8		Cu.-N. NNW	7		Cu.-N. WNW
27	NW	1	Calm		SSE	1	NNW	1	SE	1	ESE	1	7	Ci.-S.	Cu. SSE	8		Cu.-N. SSE
28	NW	1	NNW	1	ESE	1	S	1	SSE	2	Calm		8	Ci.-S. NE	Cu. SSE	8		Cu.-N. SbyE
29	NW	0	NW	1	NNE	0	ESE	1	SE	1	SE	1	8	Ci.-S.	Cu.-N. ESE	7	Ci.-S. NW	Cu. SE
30	N	1	NW	1	W	0	ENE	2	NNW	1	Calm		3	Ci.-S.	Cu.	8		Cu.-N. NE
Mean		0.7		0.6		1		1		0.7		0.5	6.4			7.4		

TACLOBAN.

[ϕ=11° 15′ N ; λ=125° 00′ E ; barometer above sea, 3.4 meters ; gravity correction not applied, —1.82 mm.]

JULY, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	
1	57.77	57.04	57.59	56.01	56.68	57.61	25.1	25.4	28	26.7	26.5	25.7	30.5	23.7	91	92	80	85	88	93	8.6
2	56.38	56.53	57.13	55.46	55.59	57.56	25.2	24.6	26	29.5	28	25.9	31	23.5	92	95	92	75	81	93	5.1
3	56.64	56.73	57.19	56.11	55.66	58.26	25.3	24.5	29.5	28.4	27.5	26.3	31	23.7	92	96	76	80	87	90	2.5
4	57.47	57.48	58.11	56.54	56.98	58.40	24.8	24.4	28	28	26.5	25.9	29.9	24	94	95	81	85	94	93	6.1
5	58.03	57.93	57.49	56.91	57.52	58.30	24.9	24.6	29.4	23.6	24.5	24.4	31.2	22.5	95	95	75	96	87	88	69.6
6	57.79	57.12	57.91	56.57	57	58.63	24	24	26.6	26.4	27.2	26	28.7	22.5	94	96	86	87	83	90	17.5
7	57.78	57.78	57.78	56.74	57.41	59.06	24.7	24.5	26.9	28	26.7	26.4	31	23.3	94	95	84	79	83	89	9.2
8	57.50	58.43	58.51	57.44	58.32	59.11	24.9	24.5	28.5	28.4	27	26	29.9	23.5	94	96	74	78	84	87	------
9	58.23	58.87	58.44	55.73	57.01	58.97	24.4	25	29	30	28.3	26.9	31.7	23.4	95	92	71	69	77	79	------
10	57.98	58.31	58.35	57.48	58.02	58.42	25.9	25.1	29.3	23.6	24.5	24.6	31.5	22.5	87	93	76	95	87	92	25.9
11	57.38	57.19	57.98	56.16	56.42	57.48	24.2	24	26.2	28	25.4	25	30.9	23.2	95	96	90	81	88	90	1.6
12	56.45	56.14	57.14	55.64	57.25	58.33	24.7	24.3	28.5	26	24.3	23.6	31	23.3	90	92	68	90	93	95	45.1
13	57.88	57.90	58.91	57.57	57.40	59.24	23.7	24	29.5	26.3	26.5	26	30.8	22.9	94	93	75	86	86	87	15.7
14	58.03	58.73	59.03	58.09	58.52	59.71	25.1	24.8	29.5	28	25.1	25	31	23.7	92	93	76	77	91	92	------
15	58.69	58.97	59.15	57.22	58.29	60.02	24.2	24	28.6	31.5	28.5	27	32.2	22.4	95	96	71	59	77	77	------
16	58.91	58.74	59.23	58.01	57.62	59.28	24.6	24.5	28.6	27.6	25	24.8	30	23.9	90	92	73	80	92	91	------
17	57.63	57.15	57.95	56.60	57.21	59	24.5	24.4	29.2	28.4	27.9	27.5	32.8	23	92	91	71	78	82	83	------
18	57.88	57.73	58.44	57.41	57.37	60.22	26	25.5	30	28.3	28	26.7	32	24.7	89	92	71	74	80	85	99.8
19	58.99	59.25	60.06	57.68	58.15	59.42	25.1	25.4	27.4	31.5	28.3	27.1	32.7	23.4	94	95	87	67	82	89	11.4
20	58.93	59.51	59.41	57.91	58.13	58.96	25.9	24.5	27.3	28.5	26.5	25.5	30	23.5	91	92	78	74	80	80	2
21	57.89	58.29	58.54	56.94	57.24	58.58	25	24.6	29	28.7	27.8	26	30.5	23.7	86	87	73	73	72	82	------
22	57.71	57.98	58.32	56.89	57.56	59.20	25	25.3	28.5	30.8	27.5	26.4	32.5	23.1	88	85	70	62	81	88	.8
23	58.41	58.22	58.34	56.11	57.05	58.16	25.9	25.4	29.7	28.8	28	27.5	32.3	24	89	92	70	74	77	81	------
24	57.12	56.92	56.91	55.39	55.76	56.60	26.2	26	29.5	29.5	27.5	26	32	24	88	89	68	75	84	92	1.3
25	56.41	55.63	55.99	54.77	55.81	57.17	25.2	26	29.5	28	27.4	26.7	33.1	23.9	86	80	68	82	84	91	4.1
26	56.27	56.14	56.31	55.14	55.90	57.94	26.2	26	30.4	30.6	28.6	27.9	32.8	25	82	76	64	63	68	69	------
27	56.56	56.36	57.18	55.96	56.42	57.60	27	25.1	31	32	28	27.4	32.9	23.5	75	87	59	56	63	67	2.3
28	55.95	55.48	55.87	54.11	54.44	56.42	26.5	27	30.6	31.8	29.4	28	33.1	25	72	70	55	50	63	67	------
29	55.02	55.43	55.83	54.40	54.23	57.25	26.1	27	32.3	32	30	29.3	33.8	25.6	79	72	47	52	59	60	------
30	56.64	57.29	57.74	56.55	57.16	59.63	29.4	28.4	32.2	32	30	28	34.7	26.9	59	64	55	51	65	77	------
31	58.20	58.53	58.41	57.08	57.52	59.35	26.4	25.4	30	32	30.2	27	33.8	23.7	77	88	65	63	74	84	7.4
Mean	57.50	57.54	57.91	56.50	56.96	58.51	25.4	25.1	29	28.8	27.3	26.3	31.7	23.7	88.1	89.3	72.6	74.1	80.4	84.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	336

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	W	1	W	0	ENE	1	Calm	----	Calm	----	NW	1	8	Ci. SW	Cu.	8	----	Cu.-N. E
2	NW	1	NNW	0	SSE	1	ESE	1	ESE	0	NW	1	8	----	Cu.-N. E	7	Ci. SWbyS	Cu. SE
3	NW	0	SSE	0	SE	0	ESE	1	ESE	0	Calm	----	9	----	Cu.-N. SE	9	----	Cu.-N. SE
4	Calm	----	Calm	----	E	0	ESE	1	Calm	----	Calm	----	8	Ci.-S.	S.-Cu. ESE	9	----	Cu.-N. ESE
5	NW	1	WNW	1	NE	0	E	2	SSW	0	WSW	1	8	Ci.-S. SSW	Cu.-N.	10	----	N. ESE
6	W	1	Calm	----	E	0	Calm	----	NNW	1	SE	2	10	----	N. SbyW	10	----	Cu.-N. SE
7	NW	1	SSW	1	SE	1	SE	1	W	1	Calm	----	10	----	N. SE	9	Ci.	Cu.-N. SE
8	Calm	----	Calm	----	E	1	Calm	----	NbyE	1	Calm	----	8	Ci.-Cu. S	Cu.-N. S	9	----	Cu.-N. SSW
9	Calm	----	NNW	0	NNW	1	SE	1	Calm	----	Calm	----	7	Ci.-S.	Cu. W	8	Ci.	Cu.-N. W
10	Calm	----	S	0	S	1	NNW	0	Calm	----	SW	0	9	----	Cu.-N. WbyN	10	----	N. W
11	Calm	----	Calm	----	E	0	ESE	0	Calm	----	NW	3	10	----	N. WNW	10	----	Cu.-N. WbyN
12	WNW	1	Calm	----	E	1	NNW	3	NNW	1	Calm	----	9	----	Cu.-N. NW	10	----	N. NW
13	NE	0	Calm	----	SSE	1	S	0	Calm	----	S	0	7	Ci.-S.	Cu. NW	10	----	N. SSW
14	Calm	----	Calm	----	ESE	1	ESE	1	NW	0	NW	1	8	----	Cu.-N. SW	8	----	Cu.-N. S
15	NW	1	NNW	1	E	1	SSE	1	SSE	0	NW	1	5	Ci. NE	Cu.	4	----	Cu. SSE
16	NW	1	WNW	1	NE	0	S	1	NE	1	NNW	1	6	Ci.-S. NE	S.-Cu.	10	----	N. NNW
17	WNW	1	W	1	EbyN	1	NW	1	Calm	----	WNW	0	5	Ci.-S. SW	Cu.	8	Ci.	Cu.-N. S
18	Calm	----	Calm	----	SE	1	S	0	Calm	----	SSE	1	8	Ci.-S. NW	S.-Cu. S	8	Ci.	Cu.-N. S
19	S	1	WSW	0	NE	0	NbyW	1	NE	1	Calm	----	10	----	N. SSW	8	Ci. NE	Cu. W
20	WNW	1	W	1	WNW	2	NW	2	WNW	1	NW	1	10	----	N. NW	7	Ci.-Cu.	Cu. WNW
21	NNE	1	WNW	1	NW	0	W	1	W	1	WNW	1	9	----	Cu.-N. WNW	7	Ci.-S. NE	Cu. WNW
22	Calm	----	NNE	0	ESE	1	SSE	1	Calm	----	Calm	----	5	Ci.-S. E	Cu.	5	Ci.	Cu. NW
23	W	1	WNW	1	E	1	W	1	ENE	0	Calm	----	7	Ci.	Cu. NW	8	Ci.	Cu. NW
24	Calm	----	WNW	0	EbyS	1	NNW	1	WNW	0	E	0	7	Ci. E	Cu.	8	Ci.	Cu. WNW
25	WNW	1	SSW	1	E	1	NW	2	Calm	----	NW	0	9	Ci.	Cu.-N. SW	9	----	N. WSW
26	NW	1	Calm	----	SW	1	SE	1	S	0	SW	2	8	Ci.-S. NE	Cu. SW	7	Ci.	Cu.-N. SW
27	WSW	1	Calm	----	SW	1	SW	1	SW	1	WSW	0	7	Ci.-S. NE	Cu.	7	Ci. NE	Cu. W
28	SW	1	S	0	S	1	SSW	1	S	1	S	1	9	A.-S.	Fr.-N. WSW	8	Ci.	Cu. WSW
29	SSE	1	SSE	1	SSW	2	SW	3	SW	1	SSW	1	8	Ci. ESE	Cu. NW	8	Ci. NNE	Cu. SW
30	S	2	S	1	S	1	SW	2	WNW	1	WNW	0	8	Ci.-S.	Cu. W	7	Ci. NE	Cu. W
31	N	0	NW	0	E	1	ESE	1	Calm	----	W	1	1	----	S.-Cu.	7	----	Cu. W
Mean	------	0.6	------	0.4	------	0.8	------	1	------	0.4	------	0.6	7.8	------	------	8.2	------	------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

AUGUST, 1909.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.38	57.96	58.64	56.98	56.91	58.57	26.2	26	30.3	32	30	28.3	33.2	24.9	87	88	70	66	71	78	------
2	57.78	56.86	57.84	56.48	56.56	58.25	26.8	26	30.3	30	29	27.5	33	25	89	94	73	69	74	82	1
3	57.58	57.44	57.88	56.17	56.48	58.16	26.7	25.6	30	30.6	28.7	26.5	33.2	25	86	93	67	68	76	85	2.5
4	57.98	57.52	57.90	56.55	57.09	58.79	25.5	25.2	29.5	29.4	28.6	27.9	32	24.6	91	92	71	71	80	80	9.1
5	58.21	58.42	58.54	57.16	57.23	59.10	25.5	25.4	28.4	32.3	30	27.4	33.7	24.2	92	91	79	56	64	81	7.4
6	58.63	58.46	58.85	57.76	58.28	59.67	26.5	26	30.8	32.6	29.7	27.3	34	24.5	87	92	66	59	73	78	------
7	58.65	58.58	59.20	56.93	57.41	59.61	25.9	25.3	30.7	32.2	29.5	29	33.8	24.5	87	92	69	59	72	74	2.5
8	58.50	58.90	59.44	57.61	58.02	59.41	27.3	26.3	30.5	32	27.7	26.9	33	25	84	90	70	62	76	86	------
9	58.93	59.44	60.12	58.06	58.90	60.99	26	25.7	30.5	32	29.6	28	33.5	25	91	90	70	63	70	80	------
10	59.52	59.50	59.93	58.29	59.06	61.04	26.7	26	31.3	30	28.4	28	32.8	24.8	86	90	67	71	75	81	3
11	59.57	59.47	59.51	57.74	57.68	59.99	25	25.6	30.5	30	29.5	24.1	33	22.7	94	92	68	65	72	86	47.5
12	58.51	58.79	58.68	56.39	57.18	59.04	25.4	25.1	30.1	32	29.6	28	33.6	22.9	88	92	71	57	70	85	------
13	58.43	58.93	60.02	58.04	58.88	59.40	26.5	26	30.7	31	28.7	27.5	32.6	25.4	90	92	61	61	75	79	------
14	58.62	59.21	61.11	59.17	59.02	60.56	26.7	26.4	24	27	25.8	24.9	28.2	23.5	87	90	91	80	85	91	10.9
15	59.50	59.12	59.29	57.17	57.61	59.19	24	24	29.4	31.2	29.2	27.8	32.8	22.8	91	90	70	61	70	79	------
16	58.28	57.73	57.73	56.39	56.48	58.36	25.5	24.4	29.8	30.6	29.5	27.4	33.3	23	87	91	60	68	66	74	------
17	57.04	57.86	58.44	56.83	57.30	58.94	24.8	24.5	30.2	32.2	30	27.2	33.2	24	87	87	66	59	71	81	3.8
18	58.44	58.46	59.61	58.66	59.30	60.34	25	25	28.6	27	26.5	25.7	30	24.5	92	92	73	70	80	86	------
19	59.34	59.47	60.25	58.69	58.71	60.24	25.2	25	29.6	30	28	26.7	31.8	24	90	92	61	65	77	86	------
20	59	58.77	59.14	57.09	57.26	58.84	26.4	25.5	30.5	31.8	28.8	28	32.7	24.6	86	92	67	61	73	77	------
21	57.70	57.99	58.96	57.14	57.91	59.34	26.9	25.9	29.6	31.4	28	27	32.4	25.2	85	93	71	63	80	86	2.3
22	58.31	58.76	59.19	58.27	58.16	59.39	26.2	25.4	30.5	26	25.7	25.3	33	24.4	82	91	65	90	88	89	9.6
23	58.43	58.39	59.06	57.35	58.18	59.35	24.9	24.6	29.3	27.6	27	26	31	24	93	95	74	83	86	92	6.6
24	58.28	58.31	58.86	57.36	57.70	59.09	25.5	25	30.5	27	27	26.2	32.4	24.5	93	96	69	88	92	91	6.4
25	58.01	58.17	58.61	56.72	58.05	59.25	25.8	25.5	28.6	29.2	26	24	32	23.5	91	92	73	78	88	91	21.8
26	57.60	57.50	58.39	56.66	57.61	58.61	24.2	23.9	28.5	30.7	27.2	26.4	31.5	23	91	92	75	63	84	89	------
27	57.56	58.23	58.90	56.98	57.39	58.93	25.8	25.5	30.7	31	28.5	28.1	33	24	93	96	64	64	81	82	------
28	58	58.24	58.87	56.73	56.95	58.77	26.3	26	31.4	31.5	28.5	28.1	33	24.9	90	92	65	69	77	79	------
29	57.50	57.70	58.37	56.38	56.70	58.56	26.3	25.8	31.3	31.7	29.3	28	32.8	25	90	92	64	62	71	79	------
30	57.40	57.37	58.23	56,50	57.61	58.88	26.4	25.8	31	28.8	27	25.4	34	24.2	90	93	62	77	84	88	1.8
31	57.66	57.76	58.34	56.44	57.86	58.78	25.8	26	30	29.9	24.8	25	32.5	22.4	93	92	70	72	88	92	29.9
Mean	58.30	58.36	58.96	57.25	57.73	59.27	25.9	25.4	29.9	30.3	28.3	26.9	32.6	24.2	89.1	91.8	69.1	67.7	77.1	83.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	166.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	W	1	Calm	----	EbyN	1	ESE	1	ESE	0	WNW	0	7	Ci.-S. NE	S.-Cu.	6	Ci. NE	Cu. W
2	Calm	----	WNW	1	ESE	1	W	2	Calm	----	E	0	7	Ci. NE	S.-Cu.	8	------------	Cu.-N. W
3	W	1	WNW	0	E	1	ESE	1	Calm	----	Calm	----	5	Ci.-S. E	S.-Cu.	7	Ci. NNE	Cu. SSW
4	Calm	----	Calm	----	ESE	1	S	0	NW	0	Calm	----	8	Ci. E	S.-Cu.	8	------------	Cu.-N. sw
5	WNW	1	W	0	E	1	W	1	Calm	----	W	0	5	Ci.	Cu. W	5	Ci. NE	Cu. WSW
6	Calm	----	W	0	EbyN	1	ESE	1	S	1	SSE	1	2	------------	S.-Cu.	5	Ci. NE	Cu. W
7	Calm	----	WSW	0	EbyS	1	ESE	1	SE	1	SE	1	6	A.-Cu. SW	S.-Cu.	4	------------	Fr.-Cu. SW
8	W	1	WSW	1	ESE	1	ESE	1	S	0	SSE	0	5	Ci.-S. E	S.-Cu.	7	Ci. E	Cu. SWbyW
9	SW	1	WSW	0	E	1	E	1	ESE	0	SW	1	8	Ci.-S. E	S.-Cu.	7	Ci.-S. EbyN	Cu.
10	Calm	----	Calm	----	ESE	1	SSW	2	S	1	NE	1	2	Ci.	S.-Cu.	7	------------	Cu.-N. W
11	Calm	----	W	0	E	1	SW	1	SE	0	NE	1	8	Ci. ENE	S.-Cu.	7	Ci. NE	Cu. SW
12	WNW	1	WNW	1	ESE	1	E	0	S	0	Calm	----	5	Ci. NNE	S.-Cu.	8	------------	Cu.-N. WSW
13	Calm	----	NW	0	SSE	1	SSE	1	SSE	1	Calm	----	3	Ci.-S. E	S.-Cu.	8	Ci.-S. E	Cu.
14	W	1	WNW	1	S	1	WNW	0	Calm	----	Calm	----	9	------------	Cu.-N. SW	9	------------	Cu.-N. SW
15	Calm	----	NW	0	E	0	NNW	1	NW	1	WSW	1	6	Ci. S	S.-Cu.	7	Ci. SE	Cu. W
16	Calm	----	Calm	----	ENE	1	SbyW	1	WNW	1	WNW	1	8	Ci. E	S.-Cu.	8	Ci.	Cu.-N. W
17	WNW	1	Calm	----	E	1	ESE	1	W	1	NW	2	8	Ci.-S. E	S.-Cu.	8	Ci.	Cu. WNW
18	Calm	----	Calm	----	ESE	1	WbyN	2	NNW	1	NE	1	10	------------	Cu.-N. N	9	Ci.	Cu.-N. NNW
19	NE	1	Calm	----	ESE	1	SSE	1	S	1	SSE	1	9	------------	Fr.-N.	8	Ci.-S. NE	Cu. SW
20	W	1	W	1	SSE	1	SSE	1	SSE	2	ESE	1	3	------------	Fr.-Cu. S	3	------------	Fr.-Cu.
21	W	1	WNW	1	S	1	SSE	1	SE	1	Calm	----	3	------------	Fr.-Cu. SSE	5	------------	Cu. S
22	WNW	1	WbyS	1	ESE	1	S	1	Calm	----	NW	1	3	Ci.-S.	S.-Cu.	10	------------	N. ESE
23	W	1	SW	1	NNE	0	SE	0	Calm	----	Calm	----	6	Ci.-S. N	Cu.	10	------------	N. ESE
24	NW	1	WNW	0	E	1	SE	1	WNW	1	W	1	7	Ci.	Cu. ESE	10	------------	N. E
25	WNW	1	W	1	SSW	1	ESE	1	W	1	WNW	1	8	Ci.-S.	Cu.-N. E	6	Ci.-S. SW	Cu. ESE
26	WNW	1	Calm	----	SE	1	SSE	1	E	1	W	0	8	Ci.-S.	Cu.-N. E	6	Ci. SW	Cu. ESE
27	Calm	----	W	1	ESE	1	SE	1	ENE	1	W	1	3	Ci.	S.-Cu.	3	------------	Fr.-Cu. ESE
28	WNW	1	Calm	----	SE	1	SEbyE	1	EbyS	2	ESE	1	4	Ci.-S. W	Cu. ESE	5	------------	Cu. ESE
29	W	1	WNW	1	ESE	1	SE	1	SE	0	Calm	----	7	Ci.-S. SW	Cu. E	5	Ci.-S. SW	Cu. E
30	W	1	W	1	SE	1	ESE	1	Caml	----	Calm	----	3	Ci.-S.	S.-Cu.	8	------------	Cu.-N. E
31	W	0	NW	1	ESE	1	ESE	1	N	2	Calm	----	7	Ci.-S. SW	Cu.	8	Ci.-S.	Cu.-N. EbyS
Mean	------	0.6	------	0.4	------	0.9	------	1	------	0.6	------	0.5	5.9	------------	------------	6.9	------------	------------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

SEPTEMBER, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.16	57.77	58.28	56.50	57.42	59.19	25.2	25.9	31	31	25.8	25.4	32	23.9	92	93	64	69	88	89	8.6
2	58.02	58.18	58.71	56.63	57.28	58.89	25.2	25	28.5	27.4	27	26	32	23.6	91	92	78	82	87	85	32.3
3	57.67	57.93	58.51	56.35	57.44	59.01	24.8	25	27.5	29.6	26.5	25.8	30.3	23.8	89	92	77	77	87	88	1.3
4	57.83	57.62	57.78	55.81	56.22	57.81	25.2	25.1	29.6	27.6	26	25.2	31.4	24	92	92	72	81	87	92	-----
5	56.64	57.24	57.47	56.08	56.61	58.80	24.5	24.5	29	29	27.6	25.2	30.4	23.8	93	91	74	72	79	83	1
6	57	57.27	57.95	55.84	56.25	58.09	23.8	24	29	30	28.8	27.5	31.5	23.3	92	91	68	67	71	78	-----
7	56.63	57.42	57.75	55.42	56.11	58.06	26.1	25.3	30	32.1	29.4	27.5	33.4	24.5	85	89	65	57	68	81	-----
8	56.71	56.82	57.79	55.64	56.21	57.22	26.6	25.6	29.4	31	29	26.8	32.2	24.8	81	87	64	56	61	74	-----
9	56.51	57.12	57.45	55.88	56.78	58.47	25.8	26	31.4	31.5	29	28.5	33.9	24.5	81	81	63	54	67	73	-----
10	57.58	57.83	58.15	56.32	57.29	58.35	26.4	25.8	31	33	29.1	26.8	34	24.8	86	90	60	56	75	86	-----
11	57.67	57.95	57.59	55.97	56.84	58.16	26.7	26	32	31.4	28.5	27.2	34.3	24.7	84	88	58	61	74	78	-----
12	57.18	56.62	57.20	55.37	55.79	57.11	26.4	25.8	30.2	31.8	29.8	27.9	34.2	24.5	84	88	67	64	70	79	-----
13	56.28	56.52	56.88	55.06	55.05	56.99	26.5	26	29.5	31	30	28.8	34	24.4	86	88	67	62	68	73	-----
14	55.61	55.41	55.64	53.97	54.19	56.25	25.9	24.6	31	32	30	28.7	34	24.3	85	92	53	58	65	75	-----
15	54.26	55.01	55.89	54.23	55.05	55.95	26.3	25.4	31.7	33.7	29.8	27.8	34.7	25	86	90	57	52	59	78	-----
16	55.34	56.46	56.39	54.99	56.23	56.93	26.1	27.2	29.5	29.4	24.2	25	30	22.2	85	83	71	75	94	90	24.8
17	56.11	56.43	56.91	55.35	56.16	57.32	25	25	29.4	28	27.1	25.8	30.7	23	88	88	72	77	87	88	3
18	56.06	56.12	56.69	55.15	56.19	56.97	25.2	25.6	30.9	31.6	29.5	27.2	33	23.5	90	87	60	57	68	81	-----
19	56.26	56.69	57.46	55.65	56.43	57.74	26.8	26	29.4	33	29.4	28.6	33.9	24.2	82	85	70	54	78	82	-----
20	57.12	58.03	58.46	56.73	57.81	59	27	26	30.5	30	28.4	28	31.7	25.3	90	92	69	74	80	84	-----
21	58.06	58.60	59.02	57.33	58.60	60.13	27.6	26.4	30.3	31.3	28.2	27.9	32.1	25.4	86	90	70	67	79	78	22.9
22	59.11	59.65	59.84	57.70	58.29	60.10	25.8	25	30.1	32.6	28	27.5	34.3	24	89	92	73	61	83	84	.8
23	58.71	58.71	59.45	58.86	58.49	59.58	26.7	26	26.8	24.8	24.6	24	28.2	23	89	92	86	92	93	91	40.7
24	58.62	58.62	59.04	57.31	57.79	59.04	24.1	24	28.6	28.6	27.5	26	30.9	22.3	91	91	73	72	84	93	-----
25	57.64	58.13	58.38	56.24	57.43	59.44	25.1	25	29.3	32.5	29.5	26	33.4	24	92	92	69	52	67	90	3.8
26	58.19	59.52	59.56	57.91	59.34	61.61	25.7	25.5	29	29.3	25.3	24.7	31	24.5	93	95	76	72	88	92	.8
27	61.20	61.37	62.09	60.17	60.85	62.26	24.6	24.4	30.1	29.9	27.4	25.5	33.6	23.6	92	92	72	68	84	90	-----
28	60.61	60.71	61.48	58.15	58.42	59.71	24.8	24.5	28.6	29.3	28	26.4	30.5	24	93	95	80	72	83	91	-----
29	57.74	57.73	57.74	55.76	56.32	57.13	25.8	26	29.9	26	25.5	25.1	32	23.9	85	85	69	92	91	94	5.6
30	56.64	56.78	57.62	55.52	56.49	57.77	25	25.3	28.5	25.4	25	24.8	32	23.7	96	96	78	88	88	89	1.3
Mean	57.37	57.68	58.11	56.26	56.98	58.44	25.7	25.4	29.7	30.1	27.8	26.6	32.3	24	88.3	90	69.2	68	78.4	84.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	146.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	WSW	1	NW	1	E	0	NW	1	Calm	----	WNW	1	7	Ci.-S. SW	Cu.	9	Ci.	Cu.-N. E
2	NW	1	NW	1	S	1	S	1	WNW	0	WNW	1	10	----------	N. E	8	----------	N. ESE
3	W	0	Calm	----	Calm	----	ENE	1	ENE	0	E	0	10	----------	N. EbyN	8	Ci. SW	Cu. E
4	WNW	1	NW	0	NW	1	WbyN	1	NW	1	Calm	----	8	Ci. SW	S.-Cu.	8	----------	N. WNW
5	Calm	----	SSW	0	WNW	1	WNW	1	Calm	----	W	1	9	----------	Cu.-N.	8	Ci.	Cu.-N. W
6	WNW	1	Calm	----	NE	0	SSE	1	WSW	1	WSW	1	8	Ci.-Cu.	Cu.-NNWbyW	8	Ci.	Cu. WSW
7	W	0	Calm	----	S	0	WNW	1	WNW	1	WNW	1	8	Ci.	N.-cf. NWbyW	8	Ci. E	Cu. WbyS
8	W	1	Calm	----	NEbyN	0	SSW	1	SW	3	WSW	1	9	----------	Cu.-N. WNW	8	Ci.	Cu. NW
9	WNW	1	W	1	NNE	1	W	1	WSW	1	W	1	8	Ci.-S.	Cu.-N. WNW	7	Ci. NE	Cu. WNW
10	W	1	WNW	1	WNW	0	W	3	W	1	ENE	0	8	Ci.-Cu. WNW	S.-Cu.	7	A.-Cu. W	Cu. W
11	NEbyE	1	Calm	----	NE	1	WNW	3	WNW	2	Calm	----	7	Ci.-S. ESE	S.-Cu.	8	Ci.	Cu. WNW
12	Calm	----	Calm	----	ESE	0	E	1	NW	1	SSW	0	9	Ci.	S.-Cu.	7	Ci.-Cu. E	Cu. W
13	Calm	----	W	1	ENE	1	ENE	1	W	1	N	0	3	----------	Cu. WNW	7	Ci.	Cu. WSW
14	Calm	----	Calm	----	W	1	E	1	WbyS	1	WbyN	1	2	----------	S.-Cu.	7	Ci.	Cu. WSW
15	Calm	----	Calm	----	W	1	WNW	1	SW	2	WSW	1	8	A.-Cu. NW	S.-Cu.	8	Ci.	Cu. WSW
16	WNW	1	W	2	WNW	1	WNW	2	NW	4	WNW	3	10	----------	Cu.-N. WNW	9	----------	Cu.-N. NW
17	WNW	2	NW	0	S	0	SE	1	WNW	2	WNW	1	9	----------	Cu.-N. NW	9	----------	Cu.-N. NW
18	W	1	WSW	1	S	1	SSW	1	SSW	1	W	1	8	Ci.-S. E	Cu. W	8	A.-Cu.	Cu. WSW
19	W	1	W	0	EbyS	1	SSW	1	SSE	1	SSE	1	8	A.-Cu. SW	S.-Cu.	8	Ci.-Cu. E	Cu. SW
20	Calm	----	Calm	----	SSE	1	SE	2	SE	1	SE	2	9	Ci. E	S.-Cu.	9	----------	Cu.-N. SSW
21	SE	2	Calm	----	SE	2	SE	1	SSE	1	SE	0	9	----------	N. SE	7	Ci.	Cu. SE
22	Calm	----	Calm	----	ESE	1	N	1	NW	1	Calm	----	4	Ci.	Cu. SE	8	Ci.-S.	Cu.-N. NNE
23	WNW	1	WNW	1	NNW	2	NNW	2	WNW	1	Calm	----	10	----------	N. NE	10	----------	N. NNW
24	Calm	----	Calm	----	E	1	ESE	1	ESE	1	ESE	0	8	Ci.-S.	Cu. NNE	8	----------	Cu.-N. SSW
25	ENE	1	W	1	S	1	WSW	2	W	1	Calm	----	6	Ci.	Cu. WSW	6	Ci.-Cu. E	Cu. SW
26	Calm	----	Calm	----	SE	1	SE	1	W	1	W	1	8	Ci.-S.	Cu.-N.	9	----------	Cu.-N. W
27	Calm	----	Calm	----	WNW	1	N	1	NNW	1	WNW	1	7	Ci.-Cu. NE	S.-Cu.	9	----------	Cu.-N. NW
28	WNW	1	W	1	ESE	1	EbyS	0	N	1	WNW	2	6	Ci.-S. ENE	Cu.	8	Ci.	Cu. NE
29	N	2	N	1	NW	1	WNW	1	WNW	2	WNW	1	8	Ci.	Fr.-N. NNE	10	----------	N. NNE
30	WbyN	1	WNW	1	WbyN	1	W	2	Calm	----	Calm	----	8	----------	Cu.-N. NNW	8	----------	N. NNE
Mean	------	0.7	------	0.4	------	0.8	------	1.3	------	1.1	------	0.8	7.7	----------	----------	8.1	----------	----------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

OCTOBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.10	57.39	58.26	56.04	57.46	58.78	24.6	24.6	28.5	27.8	27	26.4	33	22.9	91	94	80	79	86	87	------
2	57.22	57.84	57.74	55.90	56.78	58.07	25.8	25	29.2	30	28.4	27.5	31.7	23.8	88	93	72	65	72	73	------
3	57.03	57.62	57.50	55.57	57.06	57.23	26.7	26	30.2	31	25.5	25.5	31.4	24.4	78	80	66	59	84	86	5.6
4	56.11	56.77	56.56	55.09	55.65	56.98	25.3	25.8	29.2	29	28.3	26.5	30.5	23.6	89	79	67	68	77	82	------
5	55.89	56.71	57.13	54.49	56.01	57.14	25.2	25.3	30.4	31.5	27.5	25.3	31.9	24.6	90	84	60	58	81	87	14
6	55.61	56.34	57.50	56.09	57.29	58.54	25	25.4	29.5	31.1	27.8	26.8	31.8	24	88	84	71	59	76	78	------
7	57.32	58.18	58.44	57.03	58	59.31	25.5	25.8	31.6	31	28.5	28	32.5	23.8	80	76	59	62	78	79	9.1
8	58.62	58.99	59.41	58.43	58.58	59.35	26.2	26	29.1	24.5	25.5	25.5	31.3	23.4	91	93	79	92	91	92	11.7
9	58.32	58.84	59.45	56.74	57.83	58.82	25.4	25	29.7	28.5	26.5	24.2	31	23.5	92	90	68	74	80	94	------
10	57.93	58.29	58.41	55.87	56.67	58.04	23.9	24.1	28.9	27.9	26	25.6	31.3	23.4	94	94	71	80	91	93	------
11	56.62	57.73	58.38	56.58	57.86	59.69	25	24.8	30	29	27.5	25.4	30.9	23.9	94	93	71	76	84	91	.8
12	58.61	59.31	59.60	57.49	58.69	60.05	24.6	24.2	29.3	31.3	28.3	26	32.5	23.6	94	95	72	64	77	90	------
13	58.57	59.20	59.40	57.16	57.82	58.91	25.5	25	29.8	28	25.5	25.3	30.4	24.1	92	95	70	82	86	93	3.6
14	57.93	58.19	58.49	55.61	56.48	57.60	25.1	25.3	28.9	31.7	26.4	26	32.6	24	94	94	76	65	81	87	------
15	55.91	56.38	56.99	54.47	54.99	55.99	25.1	24.7	29.8	30.5	28	27.1	32.6	24.3	92	94	71	67	77	83	1
16	54.80	54.71	55.10	52.86	53.36	54.32	26.7	26.4	29.1	30.5	28.3	27	32.6	25.2	87	89	70	65	75	80	------
17	53.36	53.37	53.89	52.26	53.36	55.11	26.7	27	31.4	32.6	29	27.6	34	25.8	74	72	56	54	61	68	------
18	54.87	55.38	56.28	54.45	55.08	56.69	27	26	32.3	30.3	29	27	33.6	25.4	77	84	57	70	76	80	------
19	55.60	56.72	57.43	55.27	56.03	57.82	25	25.5	31	30.6	29.5	27.4	32.5	24.5	92	93	67	68	73	84	------
20	56.93	58.15	58.30	56.03	57.66	59.19	26	26.2	31.5	32.6	27	26.7	34.5	25	90	90	68	58	83	84	------
21	58.33	59.25	59.54	57.48	58.50	59.16	26	25.8	30.2	26.1	27	25.4	34	25	89	90	67	85	83	92	1
22	58.22	58.78	58.69	56.14	56.81	56.93	25.4	25.5	29.7	28.7	26.7	25.7	32.4	24.4	92	91	71	81	84	88	35.9
23	54.88	54.29	56.34	54.68	56.29	57.52	24.8	25.4	23.8	25.6	23.8	24.8	26.5	23.5	93	91	93	89	93	88	50.3
24	56.79	57.67	58.63	56.89	58.34	59.79	24.8	25	30.7	29.7	28.1	26.6	32	23.5	91	92	69	77	82	89	5.8
25	59.44	59.71	59.58	57.78	58.62	60.01	25.6	25	29	29.3	27	26	32	23.8	90	92	76	76	83	86	2
26	58.68	59.06	59.75	57.09	58.49	59.76	25.3	25	30.3	28.3	27.8	27.1	32.8	24.6	92	94	72	71	76	81	------
27	58.31	58.23	59.03	56.21	57.29	58.83	26.3	26	28	29	27.5	24.6	32	24.3	85	87	79	78	76	95	18.3
28	57.14	57.58	58.85	56.64	57.61	58.99	25.2	27	30.1	29.1	28	26.5	31	24.2	90	84	71	78	84	92	------
29	57.61	58.52	59.79	57.04	57.80	59.42	26	25.8	26.4	30	26.7	26.2	31.3	24.7	92	93	89	75	82	82	------
30	58.71	59.13	58.84	57.11	58.16	59.69	25.4	25.3	29.3	24.6	24.9	25.4	31.1	23.5	85	84	66	91	89	88	7.4
31	58.88	58.93	59.29	57.43	58.78	60.19	24.8	24.6	30.4	31	27.7	26.4	31.8	23.5	92	93	66	65	82	85	------
Mean	57.14	57.65	58.15	56.06	57.08	58.32	25.5	25.4	29.6	29.4	27.2	26.2	31.9	24.1	89	88.9	70.6	72	80.7	85.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	166.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	W	1	WNW	1	ENE	1	WSW	1	W	0	W	0	8	Ci. S	S.-Cu.	8	Ci.	Cu.-N. W
2	Calm	----	W	0	ENE	1	WNW	1	WSW	1	SW	1	8	------	Cu.-N. WSW	8	Ci.-Cu.	Cu.-N. WSW
3	WSW	1	SSE	0	ESE	1	SW	1	Calm	----	Calm	----	9	------	Cu.-N. WbyS	8	Ci.	Cu.
4	Calm	----	SW	1	WSW	1	SW	1	Calm	----	WbyS	1	8	------	Cu.-N. W	9	Ci.	Cu.-N. WbyS
5	W	1	Calm	----	SW	1	SW	1	SSW	1	SW	1	8	Ci.-S. E	Cu. WSW	7	Ci. E	Cu. SW
6	SWbyW	0	WSW	0	ESE	1	WSW	1	Calm	----	E	1	9	------	Cu.-N.	8	A.-Cu. SW	Cu. SW
7	Calm	----	S	1	SE	2	ESE	1	Calm	----	Calm	----	8	Ci.-Cu. SW	S.-Cu.	7	Ci.-S. E	Cu. SW
8	Calm	----	WSW	0	NW	0	WSW	2	Calm	----	Calm	----	9	------	Cu.-N. N	10	------	N. NNW
9	Calm	----	W	1	W	1	WNW	1	NE	1	NNE	1	10	------	Cu.-N. N	8	Ci.	Cu.-N. NW
10	NE	2	NNE	0	NNE	1	N	1	NNE	1	NNE	1	7	Ci.-S.	S.-Cu. N	8	------	Cu.-N. N
11	WNW	1	WbyN	1	SE	1	SE	1	NE	1	E	1	7	Ci.-S. WNW	Cu. E	8	------	Cu.-N. SE
12	W	1	W	1	NNE	0	SE	2	N	1	N	1	2	------	Cu.	3	------	Fr.-Cu.
13	N	1	WNW	1	W	1	ESE	0	WNW	1	NW	1	2	------	Fr.-Cu.	8	------	Cu.-N. NE
14	WNW	1	WNW	1	WNW	1	NNW	2	Calm	----	NNE	1	5	------	Cu.-N. N	3	Ci.	Cu. NE
15	WNW	1	WNW	0	N	2	WNW	2	WbyN	1	WNW	1	8	Ci. SW	S.-Cu.	8	Ci. S	Cu. NNW
16	WbyN	1	WbyN	1	WNW	3	W	3	W	1	Calm	----	9	Ci.	Cu.-N. N	8	Ci. SE	Cu. NW
17	Calm	----	SW	1	WSW	2	SSW	3	SW	1	SSW	1	8	Ci.	Cu.-N. SW	7	Ci. E	Cu. SW
18	S	1	S	0	S	2	SSE	2	SE	1	SE	1	8	Ci.-S. NE	S.-Cu. SSW	8	Ci.	Cu.-N. SWbyS
19	Calm	----	N	0	ESE	1	SE	0	Calm	----	Calm	----	3	Ci.	S.-Cu.	7	Ci.	Cu. SW
20	Calm	----	W	0	W	0	N	1	NNE	1	NNE	1	2	------	S.-Cu.	8	Ci.-Cu. SE	Cu.N. N
21	W	1	WNW	1	WNW	1	NNE	3	WNW	1	W	1	3	Ci.	S.-Cu.	10	------	N. NNE
22	W	1	WNW	1	WNW	2	N	2	NW	2	NW	2	7	Ci.-S. S	Cu.	8	------	Cu.-N. NNE
23	WNW	1	WNW	4	WSW	3	SSE	0	Calm	----	S	0	10	------	N. W	10	------	N. WSW
24	Calm	----	SSE	0	SSE	1	SSE	2	Calm	----	Calm	----	7	Ci.-S.	Cu. SSE	8	Ci.	Cu. SSE
25	SSE	1	Calm	----	S	1	SSE	2	Calm	----	WSW	1	8	A.-Cu.	Cu.-N. SE	8	------	Cu.-N. SE
26	W	1	NW	1	NE	1	NNE	1	ENE	0	Calm	----	7	Ci.-S.	S.-Cu.	9	------	Cu.-N. E
27	W	1	Calm	----	NE	2	ENE	1	ENE	0	SSE	2	7	Ci.-S.	Cu. E	8	------	Cu.-N. E
28	ENE	1	E	2	ESE	3	ESE	3	SE	1	SE	1	8	------	Cu.-N. SEbyE	8	Ci.	Cu.-N. SE
29	WSW	0	W	1	S	1	SSE	2	Calm	----	SE	1	8	Ci.	Cu. SE	8	Ci.	Cu.-N. ESE
30	W	1	ESE	1	S	1	WNW	1	Calm	----	Calm	----	8	Ci.-S. N	S.-Cu.	10	------	N. SSE
31	Calm	----	WNW	1	E	1	SE	1	Calm	----	Calm	----	3	Ci.-S.	Cu.	4	------	Cu. NE
Mean	------	0.6	------	0.7	------	1.3	------	1.5	------	0.5	------	0.7	6.9	------	------	7.7	------	------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, −1.82 mm.]

NOVEMBER, 1909.

Day.	Atmospheric pressure, 700 mm. + 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.35	58.93	59.48	56.93	58.12	59.32	----	----	----	----	----	----	----	----	----	----	----	----	----	----	5.1
2	58.32	59	58.91	57	57.32	58.48	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6.5
3	57.19	58.22	58.47	56.40	57.16	58.07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	8.9
4	56.76	57.78	57.89	55.34	56.26	56.96	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3.6
5	54.74	55.56	56.67	54.21	54.16	54.03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	61.7
6	52.66	50.13	28.33	48.32	53.20	55.90	----	----	----	----	----	----	----	----	----	----	----	----	----	----	62.2
7	55.08	56.94	58.36	55.61	57.05	58.39	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3.3
8	57.50	58.53	58.21	55.73	56.77	58.83	----	----	----	----	----	----	----	----	----	----	----	----	----	----	41.4
9	58.89	58.68	59.30	58.19	58.94	60.05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	.5
10	59.30	59.72	59.89	57.90	59.25	60.90	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2.8
11	60.07	60.17	60.43	58.29	59.20	60.19	----	----	----	----	----	----	----	----	----	----	----	----	----	----	7.9
12	59.80	60.02	60.06	57.81	58.94	60.36	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
13	59.08	58.93	59.70	57.95	58.27	58.64	----	----	----	----	----	----	----	----	----	----	----	----	----	----	45
14	56.38	54.80	53.52	49.04	50.82	52.87	----	----	----	----	----	----	----	----	----	----	----	----	----	----	53.6
15	53.61	54.62	55.40	53.89	55.36	56.67	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
16	55.91	56.79	56.84	55.36	56.46	57.67	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
17	56.44	56.83	57.79	55.45	57.07	57.77	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
18	56.63	57.27	57.64	55.59	56.99	58.17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1.3
19	57.27	57.62	57.87	55.59	56.47	57.93	----	----	----	----	----	----	----	----	----	----	----	----	----	----	19.1
20	56.78	57.56	58.16	56.21	57.78	58.86	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
21	58.09	58.84	59.51	57.91	58.70	59.80	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
22	58.88	59.51	59.90	57.61	58.69	59.64	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
23	58.86	59.09	59.43	57.40	58.31	59.41	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
24	58.39	58.87	59.46	57.16	58.42	59.13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1.3
25	58.28	58.55	59.38	57.50	58.42	59.04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4
26	57.87	58.09	59.17	57.28	57.61	58.82	----	----	----	----	----	----	----	----	----	----	----	----	----	----	17
27	57.92	58.48	59.96	57.61	59.21	59.97	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6.8
28	59.24	59.55	61.31	58.77	59.23	59.68	----	----	----	----	----	----	----	----	----	----	----	----	----	----	9.4
29	58.35	59.48	60.18	58.32	58.93	59.64	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2.5
30	58.97	59.26	60.09	57.99	58.81	59.55	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6.1
Mean	57.55	57.94	57.71	56.28	57.40	58.49	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	370

Day.	Wind. 2 a. m. Direction.	Force.	6 a. m. Direction.	Force.	10 a. m. Direction.	Force.	2 p. m. Direction.	Force.	6 p. m. Direction.	Force.	10 p. m. Direction.	Force.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	WNW	1	WNW	1	NE	0	W	1	WSW	1	W	1	3	----	S.-Cu.	7	----	Cu.-N. ENE
2	WSW	1	WNW	1	NNW	1	WNW	1	Calm	----	WNW	1	8	Ci.-S.	S.-Cu. E	8	Ci.-Cu.	Cu.-N. ENE
3	WNW	1	WNW	1	NW	1	NW by W	2	NW	1	WNW	1	3	----	Cu.	7	Ci.	Cu.-N. NE
4	WNW	1	NNW	2	WNW	1	SSE	1	N	2	N	2	10	----	Cu.-N. NNE	8	Ci.	Cu.-N. NNE
5	WNW	1	WNW	2	WNW	2	NW	2	WNW	2	NW	3	10	----	N. NNE	10	----	N. N
6	NNW	2	NW	6	E	12	SSE	4	SE	3	SE	5	10	----	N. N	10	----	N. E
7	ESE	4	SE	1	SE	2	S	2	SSE	1	SE	1	8	Ci.-Cu.	Cu. S	4	Ci.-S.	Cu. SSE
8	SW	1	Calm	----	S	1	SSE	1	Calm	----	Calm	----	3	Ci.	Cu.	7	----	Cu. SSE
9	Calm	----	Calm	----	SSW	1	SSW	1	Calm	----	Calm	----	8	----	Cu.-N. S	10	----	N. E by S
10	Calm	----	WSW	0	WNW	1	ENE	1	ENE	1	WNW	1	8	----	Cu.-N. E	8	----	N. E
11	WNW	1	WNW	1	ENE	1	SSE	1	Calm	----	Calm	----	8	----	Cu.-N.	7	Ci.-S.	Cu.-N. ESE
12	WNW	1	NW	1	NW	1	ESE	1	Calm	----	Calm	----	8	Ci. W	Cu. ESE	9	----	Cu.-N. ENE
13	WNW	1	WNW	1	NW	1	N	1	NNW	1	NW	1	6	Ci.	Cu. E	9	----	Cu.-N. ENE
14	NW	1	WNW	3	WNW	3	WNW	8	SW	1	SSE	2	10	----	N. WNW	10	----	N. WNW
15	S	1	S	1	SSE	1	SE	1	SSE	0	Calm	----	7	Ci.-S. E	Cu. SW	8	Ci.-Cu. E	Cu. SW
16	Calm	----	Calm	----	SE	1	SSE	1	SE	1	WNW	0	7	Ci.-S. E	Cu. SSW	8	----	Cu.-N. SW
17	W	1	Calm	----	SW	1	SSE	1	S	1	Calm	----	8	A.-Cu. SW	Cu. SW	7	Ci.-S. E	Cu. SSW
18	Calm	----	Calm	----	SSE	1	SSW	1	Calm	----	Calm	----	3	----	S.-Cu.	7	Ci.	Cu. SW
19	W	1	Calm	----	NNE	1	NE	1	Calm	----	WSW	1	8	Ci.-S.	N.-cf. SW	8	Ci. ENE	Cu. SW
20	W	1	Calm	----	NNE	1	NE	1	Calm	----	Calm	----	8	Ci.-Cu. NE	S.-Cu.	8	Ci.	Cu.-N. SW
21	WNW	0	WNW	0	S	1	ESE	0	Calm	----	Calm	----	3	----	S.-Cu.	8	----	Cu.-N. ESE
22	Calm	----	Calm	----	E	1	ESE	1	Calm	----	Calm	----	2	----	S.-Cu.	4	----	Cu. SE
23	WNW	1	WNW	0	SE	0	SE	1	Calm	----	SE	1	2	----	S.-Cu.	9	----	Cu.-N. ESE
24	W	1	WNW	0	NE	1	SE	0	NE	1	Calm	----	2	----	S.-Cu.	7	Ci.-S.	Cu. ENE
25	NNW	1	N	0	NNE	0	Calm	----	Calm	----	Calm	----	4	Ci.-S.	S.-Cu. ENE	10	----	Cu.-N. NEbyE
26	NW	1	WNW	0	Calm	----	Calm	----	Calm	----	WNW	0	2	----	Cu.	10	----	N. E
27	NNW	1	NNW	1	Calm	----	Calm	----	WNW	1	WNW	1	10	----	N. NEbyE	10	----	Cu.-N. NEbyE
28	NNW	1	N	1	ENE	4	Calm	----	ENE	1	Calm	----	8	Ci.-Cu.	Cu.-N. ENE	10	----	N. ENE
29	WNW	1	NNW	1	W	0	E	1	Calm	----	Calm	----	7	Ci.	Cu.	6	Ci.-S. WNW	Cu. E
30	Calm	----	NW	0	N	0	SE	1	ESE	1	E	0	8	Ci.-S.	Cu. E	6	----	Cu. EbyN
Mean	----	0.9	----	0.8	----	1.2	----	1.5	----	0.6	----	0.7	6.4	----	----	8	----	----

The thermometers of this Station were broken during a typhoon on November 6.

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

DECEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.46	58.99	59.16	57.13	58.76	59.30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1.3
2	58.42	58.73	59.24	56.41	57.11	58.18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1
3	56.61	57.19	57.51	55.01	56.38	57.16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4	55.46	55.40	55.61	54.31	55.56	56.21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	12.2
5	55.28	56.23	56.80	55.21	56.51	57.39	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3.8
6	56.53	57.22	58.05	55.26	56.08	57.11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2.3
7	55.92	56.25	57.02	55.49	56.48	58.95	----	----	----	----	----	----	----	----	----	----	----	----	----	----	104.3
8	55.18?	56.90	56.92	55.29	56.64	57.83	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
9	56.77	57.43	58.11	55.96	56.93	58.30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
10	57.20	57.80	58.35	56.21	57.12	58.48	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4.8
11	57.43	57.53	58.96	56.47	57.18?	59.29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	16.3
12	58.33	58.44	58.59	56.74	57.47	58.76	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3.8
13	58.07	58.82	59.69	57.23	58.47	59.64	----	----	----	----	----	----	----	----	----	----	----	----	----	----	12.2
14	58.53	58.73	59.71	57.56	58.66	59.85	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
15	58.71	59.61	60.09	57.97	59.55	60.84	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
16	59.61	60.26	60.56	57.97	58.71	59.86	----	----	----	----	----	----	31.7	24.2	----	----	----	----	----	----	12.7
17	58.63	58.92	59.24	57.32	58.78	59.73	----	----	----	----	----	----	30.9	24.8	----	----	----	----	----	----	30.3
18	58.03	57.68	58.55	55.48	56.49	57.34	----	----	----	----	----	----	26.2	22.8	----	----	----	----	----	----	34.3
19	55.69	55.95	56.48	53.90	54.46	56.11	----	----	----	----	----	----	26	22.7	----	----	----	----	----	----	47.3
20	55	55.20	56.22	54.01	54.88	56.18	----	----	----	----	----	----	28	23	----	----	----	----	----	----	5.1
21	56.43	55.75	56.70	54.26	55.44	56.19	----	----	----	----	----	----	28.8	24.3	----	----	----	----	----	----	38.6
22	55.83	56.52	57.50	54.91	56.94	58.23	----	----	----	----	----	----	28.2	24.6	----	----	----	----	----	----	12.7
23	58.28	58.35	58.81	56.94	58.07	59.34	----	----	----	----	----	----	30.5	23.5	----	----	----	----	----	----	.8
24	57.31	58.43	59.34	57.84	59.60	59.96	----	----	----	----	----	----	29.6	23.8	----	----	----	----	----	----	10.2
25	59.61	60.06	60.96	58.74	59.66	60.91	----	----	----	----	----	----	28.2	23.9	----	----	----	----	----	----	5.6
26	60.31	60.46	61.54	59.71	61.45	62.56	----	----	----	----	----	----	29.3	24.4	----	----	----	----	----	----	4.1
27	61.58	61.58	62.60	61.25	61.9[illegible]	62.62	----	----	----	----	----	----	29.5	24.2	----	----	----	----	----	----	26.2
28	61.91	61.82	62.46	60.92	61.47	61.91	----	----	----	----	----	----	29.5	24.2	----	----	----	----	----	----	5.2
29	61.41	61.32	62.06	59.62	60.34	61.39	----	----	----	----	----	----	30.4	23.4	----	----	----	----	----	----	15.5
30	59.71	60.36	60.30	58.77	59.26	59.81	----	----	----	----	----	----	30	24.5	----	----	----	----	----	----	----
31	59.40	58.84	59.40	57.27	57.93	58.99	----	----	----	----	----	----	28.5	24	----	----	----	----	----	----	11.4
Mean	57.90	58.28	58.92	56.81	57.88	58.98	----	----	----	----	----	----	29.1	23.9	----	----	----	----	----	----	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	422

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2. p. m.		6. p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	0	N	0	N	0	SE	1	ESE	1	E	1	3	----	S.-Cu.	4	----	Cu. E
2	NNW	1	N	1	N	1	NNE	1	NNE	1	NNE	0	7	Ci.-S.	Cu. ENE	7	Ci.-S. SW	Cu. E
3	NNW	1	NNW	1	W	0	NW	0	NNW	1	NW	1	8	Ci. SW	Cu. E	9	----	Cu.-N. NE
4	NNW	0	NW	1	NNW	1	NW	2	N	1	NNW	1	8	Ci. SW	Cu.-N. NNE	9	----	N. NEbyE
5	N	2	N	1	N	2	NNW	2	NNW	1	N	1	7	Ci.-S.	Cu.-N. NNE	9	----	Cu.-N. NNE
6	Calm	----	N	0	N	1	NNE	1	N	1	N	1	8	Ci.	Cu.-N. NNE	8	----	Cu.-N. NNE
7	N	1	N	1	NNW	1	ENE	0	NE	1	WSW	1	10	----	N. NEbyN	10	----	N. NNE
8	N	1	Calm	----	NNE	0	ESE	1	NE	1	ENE	1	9	----	Cu.-N. NE	8	Ci. S	Cu.
9	Calm	----	NW	0	NE	0	SE	1	Calm	----	SSE	0	9	----	Cu.-N. NNE	8	Ci. WbyN	Cu. E
10	Calm	----	Calm	----	SSE	1	SE	1	Calm	----	Calm	----	4	Ci.-S. S.	S.-Cu.	6	Ci.-S. S	Cu. NNE
11	NW	0	NNW	1	SE	1	SE	1	Calm	----	Calm	----	8	Ci.-Cu.	Cu.-N. E	7	Ci.-Cu. SW	Cu. E
12	WNW	0	Calm	----	NE	0	SSE	1	Calm	----	Calm	----	6	Ci.-S.	Cu. E	8	Ci. S	Cu. NE
13	NW	0	NW	1	NNW	0	E	0	Calm	----	Calm	----	8	----	Cu.-N. ENE	7	Ci.-S. SSW	Cu.-N. NNE
14	NW	1	WNW	1	ESE	1	SE	0	Calm	----	Calm	----	6	Ci.	S.-Cu.	6	Ci. WSW	Cu. ENE
15	WNW	0	N	1	NW	0	ESE	1	Calm	----	Calm	----	4	Ci.	S.-Cu.	3	Ci.	Fr.-Cu. E
16	N	1	NbyW	1	NNW	1	NE	1	Calm	----	NE	1	6	Ci.-S.	S.-Cu.	9	----	Cu.-N. NE
17	WNW	0	WNW	1	NW	1	NNW	0	ENE	0	N	1	9	----	Cu.-N. NE	9	----	Cu.-N. NEbyE
18	NNE	1	NNW	2	NW	1	NW	1	N	2	N	3	10	----	N. NE	10	----	N. NEbyE
19	NNW	3	NNE	3	N	3	NNW	3	NNW	3	WNW	2	10	----	N. NNE	10	----	N. N
20	W	1	WNW	0	WNW	1	Calm	----	Calm	----	Calm	----	8	----	Cu.-N. N	10	----	N. NE
21	Calm	----	Calm	----	ESE	0	SE	1	NE	1	NE	1	9	----	Cu.-N. N	9	----	Cu.-N. WSW
22	Calm	----	Calm	----	ENE	1	SE	1	N	0	Calm	----	10	----	N. SW	8	----	Cu.-N. SbyW
23	Calm	----	NNE	1	NW	0	NW	1	NNE	1	NNE	1	8	Ci.-S.	Cu. NE	5	Ci. SE	Fr.-Cu. W
24	Calm	----	Calm	----	NNE	0	N	1	N	2	NNW	0	8	----	Cu.-N. NW	8	Ci.	Cu.-N. NW
25	N	0	N	1	NNW	1	NNW	1	N	1	NNW	1	10	----	Cu.-N. N	9	Ci. SW	Cu.-N. NE
26	N	1	N	0	ENE	1	E	1	NE	1	Calm	----	7	Ci.-S.	N.-cf.	6	----	Cu.-N. E
27	N	1	N	1	ENE	0	N	1	N	1	N	1	10	----	N. ENE	10	----	N. ENE
28	N	1	NbyW	1	NNW	0	NE	1	NE	0	NNW	1	7	Ci.-S. SW	S.-Cu.	10	----	N. ENE
29	NNW	1	NW	1	NW	1	Calm	----	NE	1	NE	0	8	----	Cu.-N. E	8	----	Cu.-N. E
30	Calm	----	Calm	----	E	1	E	0	E	1	Calm	----	8	----	Cu.-N. E	8	Ci.	Cu.-N. E
31	ENE	1	NW	1	E	1	SE	1	Calm	----	Calm	----	7	Ci. NW	S.-Cu.	8	Ci.-S.	Cu.-N. E
Mean	----	0.6	----	0.7	----	0.7	----	0.9	----	0.7	----	0.6	7.7	----	----	7.9	----	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

CAPIZ.[1]

[φ=11° 35′ N ; λ=122° 45′ E ; barometer above sea, 6 meters ; gravity correction not applied, —1.81 mm.]

MARCH, 1909.

Day.	Atmospheric pressure, 700 mm.+[a]						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.72	59.15	61.51	58.59	58.01	59.50	24.8	24	27.7	29.7	27.7	27.1	30.6	------	89	92	73	69	86	88	------
2	58.88	59.08	61.14	59.36	59.05	60.49	25.4	24.6	28.5	28.8	27.6	26.5	29.3	------	88	92	77	76	84	84	------
3	59.70	59.32	60.91	58.85	58.82	59.90	25.8	25.2	28	30	26.9	25.9	30.6	------	88	93	77	75	89	91	------
4	59.18	59.39	60.97	58.83	58.55	60.49	24.2	23.5	28.1	30	28	24.8	30.4	------	95	96	72	71	83	88	------
5	59.39	59.75	61.61	59.69	59.07	60.31	24.6	24.4	28.1	29.8	28	25.6	30.4	------	88	88	75	77	88	92	------
6	59.77	59.71	61.89	59.89	59.24	60.19	25.1	24.7	28.4	30	28	24.8	31	------	93	94	76	74	91	93	------
7	59.33	59.70	61.03	59.01	58.75	59.60	24.6	24.4	29	30.2	27.4	25.9	30.9	------	95	95	76	70	87	88	------
8	58.96	59.09	60.27	58.49	57.96	59.22	25.7	25.5	28	29.4	28	26.4	30.2	------	89	89	74	81	85	89	0.8
9	58.01	58.64	60.17	58.59	57.82	59.02	24.8	23.6	28.5	29.4	27.2	25.8	30.3	------	90	98	75	68	87	88	------
10	58.32	58.26	60.09	58.04	57.97	58.96	25.7	25.6	28	29.8	27.2	26.5	30.2	------	91	88	76	77	87	89	------
11	58.32	58.24	59.94	58	57.27	58.34	25.5	24.3	27.7	29	26.3	23.8	29.9	------	89	93	78	71	89	97	------
12	58.01	57.49	59.05	57.36	57.30	58.46	24.9	25.2	27.6	29	26.8	26	29.7	------	88	87	80	78	88	88	------
13	58.28	58.43	60	58.10	58.33	60.07	25.3	25.5	27.4	28.8	27.2	25.6	29.4	------	91	88	78	75	84	89	.5
14	59.67	59.33	61.27	59.44	59.43	60.45	25.2	25.4	28	29.2	24.5	25.9	29.4	------	89	85	79	76	89	89	10.4
15	59.76	59.63	61.14	59.54	59.31	60.72	25.2	23.6	27.6	26.4	27.2	26.5	29.2	------	90	96	89	88	86	92	------
16	59.31	59.52	60.66	58.75	58.10	59.97	25	24.7	26.4	28.1	26.7	25.7	29.7	------	92	92	77	79	88	90	------
17	58.97	59.17	60.39	58.50	58.21	59.55	25.4	25.1	27.5	28.4	27.4	25.2	29.2	------	93	96	84	76	84	94	------
18	58.81	58.85	60.37	58.36	58.66	60.05	25	24.6	28	29	27.6	27	30.2	------	98	92	77	78	91	91	------
19	59.52	59.18	60.75	59.09	58.67	60.50	25.6	25.2	28.3	28.8	26.8	26.5	29.3	------	93	93	85	79	83	86	------
20	59.85	59.20	60.44	58.69	58.51	58.69	25.7	25	27.6	26.3	23.2	23.7	28	------	88	92	83	88	95	94	6.4
21	57.93	57.75	58.96	57.54	57.11	58.17	24.2	24.7	27.4	27.8	26.5	25.8	28.3	------	93	92	81	77	84	85	------
22	57.82	57.13	58.48	56.70	56.33	57.41	24.7	25.4	28.2	29.1	27.5	26.2	29.4	------	94	90	77	81	84	92	18.5
23	56.17	55.63?	57.22	55.45	56.60	58.37	25.6	25.5	25.5	25.2	24.9	24.9	25.8	------	93	95	95	95	97	98	20.3
24	57.13	57.46	58.79	57.25	57.74	59.28	25.5	25.4	29.2	30	27.7	25.8	30.4	------	93	93	80	77	89	93	4.8
25	59.03	59.26	61.21	59.55	59.43	61.76	24.6	24.8	27.4	30	27.4	26.7	30.2	------	97	94	84	77	86	90	------
26	60.32	60.57	61.93	60.08	60.06	61.77	26	25.6	28.4	29.2	26.1	25.4	29.9	------	90	95	82	79	94	95	6.9
27	61.32	61.07	62.51	60.25	60.11	61.69	24.6	24.5	28.3	30	27.9	27	30.4	------	97	97	72	75	86	88	------
28	60.74	61.07	62.36	60.19	59.73	61.25	25	24.8	28.2	29.8	27.5	26.4	30.7	------	92	93	87	73	87	89	------
29	60.72	60.57	62.20	60.02	59.98	61.56	25.6	25	29.1	30.2	27.9	27.2	30.5	------	93	97	74	74	87	87	------
30	59.82	60.60	61.85	59.72	59.65	61.45	26.3	25.8	29.1	30.5	28	27	30.8	------	88	92	74	73	87	89	------
31	59.94	60.21	61.05	58.90	59.74	61.31	26.3	25.6	28.5	29.7	28.3	26.8	30.4	------	89	90	71	77	85	91	------
Mean	59.09	59.11	60.65	58.74	58.56	59.95	25.2	24.9	28	29.1	27.1	25.9	29.8	------	91.5	92.5	78.6	76.9	87.4	90.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	68.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	NbyE	1	ESE	1	E	1	ENE	1	E	1	5	Ci. SSE	S.-Cu. E	1	------	S.
2	Calm	----	E	0	E	1	ENE	1	ENE	0	NE	2	5	Ci.	S.-Cu. E	7	Ci.-S. SE	Cu.-N. NE
3	NNE	1	Calm	----	ENE	1	NE	1	ENE	1	Calm	----	5	Ci.-S. ESE	S.-Cu. NE	4	Ci.	Cu.-N. E
4	Calm	----	Calm	----	ENE	1	E	1	NE	1	Calm	----	1	------	S.-Cu.	2	Ci.	Cu.
5	NE	1	NE	1	NE	1	E	1	E	0	ENE	1	4	Ci.-S. E	S.-Cu. E	6	Ci.	Cu. E
6	NE	0	Calm	----	ENE	1	NE	1	ENE	0	Calm	----	4	Ci.	S.-Cu.	2	Ci.	Cu.
7	Calm	----	Calm	----	SE	1	SE	1	E	0	Calm	----	2	Ci.	S.-Cu.	2	Ci.	Cu.
8	Calm	----	ESE	0	NE	1	NE	1	E	0	ENE	1	7	Ci.	S.-Cu. NE	8	Ci.-S.	Cu.-N. NE
9	Calm	----	Calm	----	E	1	NE	1	NE	0	NE	1	6	Ci.-S.	Cu.-N. ENE	4	Ci.-S. E	Cu.-N. NE
10	Calm	----	NE	1	NE	1	NE	1	NE	0	Calm	----	8	Ci.-S.	Cu.-N. NE	5	Ci.	Cu. NE
11	Calm	----	Calm	----	NE	1	NE	1	Calm	----	Calm	----	9	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NE
12	Calm	----	NE	1	NE	1	N	1	NE	1	NNE	0	7	Ci.-S.	Cu.-N. NE	8	Ci. E	Cu. NE
13	ENE	0	ENE	1	NE	1	NE	1	NE	0	NNE	1	8	Ci.-S.	Cu.-N. E	6	Ci.-S.	Cu. NE
14	ENE	0	NE	1	NE	1	NNE	1	ENE	0	NNE	1	7	Ci.-S.	N. NE	9	Ci.-Cu.	Cu.-N. NE
15	Calm	----	Calm	----	NE	1	NE	1	W	2	N	1	10	Ci.-S.	Cu.-N. NE	10	------	N.
16	NE	1	Calm	----	NE	1	NNE	1	NE	1	NW	1	10	Ci.-S.	Cu.-N.	10	Ci.-S. NE	N.
17	Calm	----	ENE	0	NE	1	N	1	NE	1	Calm	----	7	Ci.-S.	Cu.-N. NE	5	Ci.	S.-Cu.
18	Calm	----	Calm	----	ENE	1	NE	1	NE	1	N	1	6	Ci.-S.	S.-Cu.	4	Ci.	Cu.-N. NE
19	NNE	1	Calm	----	NE	1	NE	1	NE	1	ENE	1	6	Ci.-S.	Cu.-N. NE	8	Ci. NE	Cu. NE
20	ENE	0	NE	0	N	1	NE	1	N	0	Calm	----	8	Ci.-S.	Cu.-N.	10	------	N.
21	NE	1	NE	1	NE	1	NW	2	NW	2	NNW	2	10	------	N.	10	Ci.-S.	Cu.-N. NW
22	N	1	NW	1	N	1	NNW	1	NNW	2	NW	1	10	------	N.	8	Ci.-S.	N. NW
23	WNW	2	NNW	1	S	1	SE	0	E	0	Calm	----	10	------	N.	10	------	N.
24	SE	0	SSE	1	E	1	ENE	1	E	0	Calm	----	10	------	Cu.-N. SE	5	Ci. S	Cu.-N. SE
25	Calm	----	NE	0	E	1	E	1	NE	1	NE	1	7	Ci.-S.	Cu.-N. SE	5	Ci. SW	Cu.-N. E
26	NbyE	1	NE	0	E	1	ENE	1	Calm	----	NE	1	6	Ci.-S.	S.-Cu.	5	Ci.	Cu. NE
27	Calm	----	Calm	----	E	1	NE	1	NE	1	Calm	----	8	Ci.	Cu.-N. E	2	------	Cu.
28	Calm	----	Calm	----	ENE	1	NE	1	Calm	----	NE	1	6	Ci.-S.	S.-Cu.	1	------	Cu.
29	NE	1	E	0	E	1	ENE	1	NE	1	NE	2	6	Ci.	S.-Cu. E	2	------	Cu.
30	ENE	1	E	1	ENE	1	E	1	E	0	Calm	----	7	Ci.-S.	Cu.-N. E	5	Ci.	Cu. E
31	Calm	----	Calm	----	NE	1	NE	1	NE	1	Calm	----	4	Ci.-S.	S.-Cu. E	2	------	Cu.
Mean	------	0.4	------	0.4	------	1	------	1	------	0.6	------	0.6	6.7	------	------	5.7	------	------

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[1] This station was temporarily closed during the months of January and February.

[a] The barometric readings of this station during the present year seem to be about 0.40 mm. too high.

CAPIZ.

[φ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6 meters; gravity correction not applied, —1.81 mm.]

APRIL, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.50	60.62	62.01	59.44	59.58	60.86	25.2	25.3	29	30.6	28.7	26	31.5	------	92	87	78	72	83	88	------
2	59.94	60.15	61.64	59.04	59.84	61.76	25.8	25.4	28.5	30.5	28	25	31.2	------	87	88	78	76	79	88	14.2
3	60.62	60.83	61.78	59.34	60.13	61.61	24.8	24.6	29	30	27.9	27	30.4	------	88	88	79	77	85	88	------
4	60.51	60.71	61.26	59.40	60.09	61.59	26.3	25.5	28.9	30.2	28.6	27	31.4	------	91	95	74	75	84	88	------
5	59.62	60.15	61.70	60.12	59.70	60.61	26.3	25.5	28.1	29.7	28	25.3	30.9	------	91	94	75	75	91	91	------
6	59.03	59.94	60.73	58.85	57.97	59.26	24.5	23	29.4	29.7	28.2	25.4	31.3	------	91	96	76	77	86	89	------
7	59.08	58.99	60.41	58.09	57.41	59.18	23.5	22.5	29.6	30.9	28.9	26.4	32.4	------	90	92	75	76	89	90	------
8	59.13	59.38	60.23	58.75	58.28	59.71	24.7	24	29.3	30.5	29	26	32.4	------	91	91	80	74	85	89	------
9	59.39	59.67	61.20	58.69	58.91	60.42	24.4	24	30.1	31.7	28	25	32.4	------	93	93	72	71	91	96	------
10	60.38	60.33	61.15	59.13	58.79	60.41	23.1	22.4	29.6	30.9	28.5	25.9	31.5	------	96	93	69	70	86	86	------
11	59.28	59.82	61.09	59.43	59.75	60.76	25	24.2	30.3	30.8	28.5	25.2	31.7	------	88	91	74	77	91	96	------
12	60.32	60.51	61.73	60	60.04	60.86	25.2	25	29.6	30.4	28.2	27	31.4	------	94	92	72	76	89	89	------
13	59.79	60.09	61.30	59.44	59.35	61.31	26.7	25.9	30	31	28.1	27	31.9	------	89	89	71	76	91	91	------
14	59.60	59.54	60.42	58.49	59.05	60.40	27	26.2	30.1	30.5	28.5	27.6	31.7	------	90	90	73	72	85	87	2
15	59.62	59.22	60.76	58.36	58.42	59.64	26.1	25	28.7	30	28	26.6	30.7	------	93	96	81	76	88	89	------
16	59.08	58.63	59.74	58.12	58.25	59.77	25.7	25	30.3	30.5	28	26.3	31.7	------	94	98	72	76	88	92	8.4
17	58.82	59.13	60.40	58.39	58.09	60.22	25	24.9	29.5	30.7	29	26.6	31.7	------	97	94	75	74	92	92	1.8
18	59.24	59.61	60.71	58.79	58.73	60.37	25.8	25.1	29.4	30.4	28.1	27.3	30.9	------	93	95	74	78	82	87	1.5
19	60.22	60.08	60.78	58.49	57.90	59.16	26.2	25.1	29.5	30.8	29.2	26.7	31.8	------	87	92	76	73	87	88	------
20	58.44	58.84	59.87	58.22	57.94	59.66	26.3	26	29.8	30.5	28	25.4	31.2	------	91	92	69	73	88	88	2.8
21	58.33	58.88	60.42	58.42	58.10	59.48	25.2	24.1	29.9	30.5	28.3	25	31.2	------	88	96	69	78	87	90	------
22	59.31	59.69	60.40	58.57	58.16	59.46	23.4	22.8	29.7	31.5	28	25.2	31.9	------	93	95	71	70	85	94	------
23	59.25	59.67	59.87	58.14	58.33	59.14	24.4	24	29.6	31.8	28.5	25.7	32.1	------	95	96	70	70	85	98	------
24	58.67	59.43	59.70	58.06	58.21	59.43	23.8	22.6	30	31.5	28.3	25	32.2	------	98	96	74	73	85	92	------
25	59.15	59.43	60.10	58.42	58.36	60.25	23.6	22.6	30	30.9	28.2	23.6	31.9	------	92	96	73	74	85	93	------
26	59.27	59.50	60.24	58.35	57.75	59.21	23.2	23.5	29.9	30.4	28.1	25.8	31.8	------	98	97	73	76	88	88	------
27	58.43	58.87	59.82	58.17	57.60	59.37	25.4	24.5	30.1	31.3	29	26.1	32	------	84	96	71	74	85	92	------
28	58.25	58.84	59.49	57.87	58.14	59.39	24.8	23.7	30.9	31.8	29	26.2	32.5	------	93	96	70	70	83	90	------
29	58.08	58.67	59.44	57.69	57.70	58.90	25	24.5	31	32.1	29.4	26.4	32.5	------	95	96	68	73	86	93	------
30	58.18	58.49	59.74	57.81	57.70	59.28	25.4	24.7	30.9	31.5	29	26.5	32.5	------	93	95	72	77	85	90	1
Mean	59.32	59.59	60.60	58.67	58.61	60.05	25.1	24.4	29.7	30.8	28.4	26	31.7	------	91.8	93.5	73.4	74.3	86.5	90.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	31.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	1	Calm	----	NE	1	ENE	1	E	0	NE	1	4	Ci.	S.-Cu. NE	1	----	Cu.
2	ENE	0	Calm	----	NE	1	E	1	NNE	1	NE	2	6	Ci.-S.	Cu.-N. NE	3	Ci.	Cu.-N. E
3	ENE	0	Calm	----	NE	1	NNE	1	Calm	----	Calm	----	2	----	Cu.	2	----	Cu.
4	Calm	----	Calm	----	NNE	1	NE	1	NW	0	Calm	----	4	Ci.	S.-Cu.	0	----	----
5	Calm	----	Calm	----	ESE	1	NE	1	Calm	----	Calm	----	4	Ci.-S.	S.-Cu. NE	0	----	----
6	SW	1	Calm	----	NNE	1	N	1	Calm	----	Calm	----	4	----	S.-Cu.	0	----	----
7	Calm	----	Calm	----	N	1	NW	1	Calm	----	Calm	----	3	Ci.	S.-Cu.	3	Ci.	Cu.
8	Calm	----	Calm	----	N	0	NE	1	ENE	0	Calm	----	5	Ci.-S.	S.-Cu.	1	Ci.	Cu.
9	Calm	----	Calm	----	NE	1	ENE	1	NE	0	Calm	----	2	Ci.	S.-Cu.	2	----	Cu.
10	Calm	----	Calm	----	ENE	1	NE	1	E	0	Calm	----	2	----	Fr.-Cu.	1	----	Cu.
11	Calm	----	Calm	----	ENE	1	N	1	Calm	----	Calm	----	4	Ci.	S.-Cu.	1	----	Cu.
12	Calm	----	Calm	----	NE	1	NE	1	Calm	----	NE	1	4	Ci.	S.-Cu.	0	----	----
13	NNE	1	Calm	----	ENE	1	NE	2	NW	0	NE	2	4	Ci.	Cu. E	2	----	Cu.
14	ENE	2	Calm	----	ENE	1	NE	1	N	0	Calm	----	5	Ci.	S.-Cu. E	3	Ci.	Cu. E
15	SE	1	Calm	----	NE	1	NNE	1	Calm	----	Calm	----	7	Ci.-S.	Cu.-N. E	8	Ci.-S. SW	Cu.-N. E
16	Calm	----	Calm	----	SE	1	NE	1	NE	0	Calm	----	5	Ci.-S. SW	Fr.-S. E	5	Ci.	Cu.
17	ESE	1	Calm	----	E	1	E	1	E	0	Calm	----	7	Ci.-S.	Cu.-N. E	3	Ci.	Cu.
18	ENE	1	Calm	----	ENE	1	NNE	1	N	0	NE	1	5	Ci.-S.	Cu.-N.	2	Ci.	Cu.
19	NNE	1	NE	0	NE	1	NE	1	Calm	----	Calm	----	6	Ci.-S. NW	Cu.-N. E	0	----	----
20	NE	1	Calm	----	NE	1	NE	1	ENE	0	Calm	----	5	Ci.-S.	Cu.-N. E	1	Ci.	----
21	NE	1	Calm	----	ENE	1	NE	1	Calm	----	Calm	----	5	Ci.	Cu.-N. E	0	----	----
22	Calm	----	Calm	----	NE	1	NNW	1	NE	0	Calm	----	4	Ci.	S.-Cu. E	0	----	----
23	Calm	----	Calm	----	ESE	1	NE	1	Calm	----	Calm	----	5	Ci.	S. E	1	Ci.	----
24	Calm	----	Calm	----	NE	1	NE	1	NE	0	Calm	----	5	Ci.-S.	S. E	5	Ci. SE	Cu. E
25	Calm	----	Calm	----	NE	1	NNE	1	ENE	0	Calm	----	2	----	S.	2	Ci.	S. E
26	Calm	----	Calm	----	NE	1	NE	2	NE	1	Calm	----	6	Ci.	S.-Cu. E	2	Ci.	Cu.
27	Calm	----	Calm	----	NE	1	NE	1	NE	0	Calm	----	5	Ci.	S.-Cu. E	2	----	Cu.
28	Calm	----	Calm	----	NE	1	NE	1	NE	0	Calm	----	3	Ci.	S.-Cu.	3	----	Cu.-N.
29	Calm	----	Calm	----	NE	1	NE	1	Calm	----	Calm	----	3	Ci.	S.-Cu.	4	Ci.	Cu.-N.
30	Calm	----	Calm	----	NE	1	NE	1	Calm	----	Calm	----	4	Ci.	S.-Cu. E	4	Ci.	Cu. NE
Mean	------	0.4	------	0	------	1	------	1.1	------	0.1	------	0.2	4.3	------	------	2	------	------

CAPIZ.

[ϕ=11° 35′ N ; λ=122° 45′ E ; barometer above sea, 6 meters ; gravity correction not applied, —1.81 mm.]

MAY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.08	58.19	59	57.67	57.63	59.14	26.1	25.5	30.4	31.7	29.1	28.4	32.3	------	91	95	74	73	84	85	------
2	58.70	58.49	59.59	57.81	57.98	60.18	26	25	30.3	32	29.6	28.1	32.9	------	94	96	73	70	85	88	------
3	59.79	59.21	59.97	58.27	57.99	58.85	27.3	26	30.9	32	29.5	27.4	32.6	------	88	96	70	70	81	93	------
4	58.40	58.57	59.93	57.92	58.19	58.97	27.1	26.7	31.4	32.5	29.1	27.1	32.8	------	93	94	70	73	86	91	0.8
5	58.57	58.36	59.54	57.43	56.84	58.67	26.8	26.6	31	32	29	27.1	32.7	------	94	95	71	72	89	91	1.3
6	57.91	57.74	59.18	57.26	57.01	58.51	26.4	25.3	30.8	32.7	29.7	27.5	32.9	------	92	96	72	68	84	92	1.3
7	57.60	57.46	58.96	57.04	57.55	58.16	26.6	26.3	27.2	31.1	29.1	26.9	32.2	------	97	98	94	74	84	85	5.8
8	57.43	57.24	58.61	56.84	56.93	58.26	25.4	24.7	29.2	31.2	29.4	27.5	31.9	------	94	97	85	77	86	91	------
9	57.81	57.68	59.04	57.34	58.60	59.91	25.9	25	29	29.3	24.1	24.5	30.7	------	91	96	82	81	96	97	52.3
10	58.90	59.38	60.73	58.69	58.64	60.34	23.7	23	29	29.9	27	25.5	31.1	------	98	98	81	75	·92	93	2.5
11	59.77	59.97	60.32	58.82	58.75	60.35	24.9	24.7	29.9	31	29	27.2	31.6	------	96	98	80	81?	89	89	1.5
12	59.55	59.38	60.15	58.53	58.63	59.60	26.5	24.8	30	30.6	28.4	26.3	31.1	------	------	------	------	------	------	------	2.3
13	58.54	58.75	59.03	57.79	57.75	59.21	25.4	25	30.6	31.7	28	26.2	32.2	------	97	96	78	74	86	94	------
14	58.64	58.48	59.13	57.73	57.34	59.50	23	23.9	30.1	32.2	29.6	27	32.9	------	95	97	80	70	88?	92	1.8
15	58.87	59.12	59.12	57.27	57.97	59.84	25.7	25.5	31.3	32.8	29.5	26.7	33.3	------	------	------	------	------	------	------	------
16	58.99	58.92	60.14	58.38	58.54	59.93	25.4	24.7	30.6	32.5	29.5	27.3	32.9	------	100?	98	74	67	83	92	------
17	58.56	58.83	60.11	58.67	58.55	60.51	25.8	25.4	28.4	31.9	29.1	25.2	32.5	------	95	95	85	77?	81	98	39.4
18	59.29	59.58	60.72	58.72	58.79	60.46	24.8	23.6	29.8	31.3	29.4	27.2	31.8	------	------	------	------	------	------	------	2.8
19	59.46	59.67	60.60	58.59	58.39	59.23	25.8	25.1	30.2	31.7	28.6	26.4	32	------	95	98	77	72	92	93	------
20	59.13	59.03	59.59	57.74	57.62	59.15	25.4	25.2	30.4	31.4	29	27	32	------	95	94	75	72	86	89	2
21	58.87	58.61	59.27	57.57	57.77	60.31	26.4	26	30.4	32.5	29.8	27	33.4	------	93	96	74	71	87	93	3
22	59.15	59.50	59.63	58.56	58.55	60.78	24.6	23.8	30.4	32.5	30	27.7	32.8	------	------	------	------	------	------	------	------
23	60.25	60.67	61.09	59.49	59.02	60.05	25.6	24.9	30.8	32	30	26.8	32.6	------	------	------	------	------	------	------	52.3
24	59.95	60.33	60.49	58.36?	58.05	59.01	25.6	24.7	29.8	31.8	29.7	27.2	32	------	93	96	73	76	87	94	9.4
25	58.53	58.98	59.77	58.03?	57.48	58.95	25.2	25.6	27	31.6	28.7	26.7	32.3	------	98	97	92	77	81	86	------
26	58.08	58.51	59.20	57.34	58.17	59.53	26.5	26	30	31.7	25.4	25.3	32.4	------	90	97	81	71	95	98	12.2
27	58.58	58.83	59.36	57.69	58.01	59.11	25.1	25.1	28.4	29.9	27	25.5	32.6	------	99	99	89	81	92	95	------
28	58.83	58.59	59.11	56.98	57.20	58.50	24.6	24.1	29.8	31.7	29.8	27.3	32.4	------	97	97	81	72	87	88	15
29	58.30	58.23	59.24	57.54	58.33	58.68	24.2	24.3	28.2	30.8	26.6	25.1	31.6	------	------	------	------	------	------	------	24.9
30	57.58	57.30	58.06	56.39	56.39	57.87	24.2	24	28.8	30.7	27.1	24.7	31.5	------	98	97	85	74	98	98	13.5
31	57.73	57.14	58.24	56.59	57.35	59.19	24.6	24	29.8	31.2	28.8	25.9	31.9	------	98	96	84	78	84	91	------
Mean	58.70	58.73	59.58	57.84	57.94	59.38	25.5	25	29.8	31.5	28.7	26.6	32.3	------	94.8	96.5	79.5	73.8	87.3	91.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	244.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	ESE	0	E	1	NE	1	ESE	0	ESE	1	5	Ci.	Cu.-N. E	1	------------	Cu.
2	Calm	----	Calm	----	NE	1	E	2	NE	0	ESE	2	6	Ci.-S.	Cu.-N. E	2	Ci.	Cu.
3	NE	1	Calm	----	E	1	NE	1	NE	0	Calm	----	4	Ci.	Cu. E	2	------------	Cu.
4	Calm	----	Calm	----	NE	1	NE	1	NE	0	Calm	----	4	Ci.	Cu. E	5	Ci.	Cu. E
5	Calm	----	Calm	----	NE	1	NE	1	NE	0	Calm	----	8	Ci.-S.	Cu.-N. E	3	Ci.	Cu.
6	Calm	----	Calm	----	E	1	NE	1	NE	0	Calm	----	8	Ci.-S.	Cu.-N. E	3	Ci.	Cu. E
7	Calm	----	Calm	----	Calm	----	ENE	1	NNE	0	Calm	----	8	Ci.-S.	Cu.-N. E	6	Ci.	Cu.-N. E
8	Calm	----	Calm	----	NE	1	NE	1	N	0	Calm	----	6	Ci.-S.	S.-Cu. E	7	Ci.	Cu.-N. E
9	Calm	----	Calm	----	N	0	NE	1	NE	0	Calm	----	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. NE
10	Calm	----	Calm	----	NE	1	E	1	E	1	Calm	----	5	Ci.-Cu.	S.	8	Ci.-S.	N. E
11	Calm	----	Calm	----	NE	1	NE	1	NE	0	Calm	----	5	Ci.-S.	N. E	6	Ci.-S.	Cu.-N. NE
12	Calm	----	Calm	----	E	1	NE	1	Calm	----	Calm	----	5	Ci.	Cu.-N. E	8	Ci.-S.	Cu.-N. SE
13	Calm	----	Calm	----	NE	1	NE	1	ENE	0	Calm	----	5	Ci.	S.-Cu.	6	Ci.-S.	Cu.-N. E
14	Calm	----	Calm	----	ENE	1	ENE	1	Calm	----	Calm	----	7	Ci. NE	S.-Cu. E	4	Ci.	Cu. E
15	Calm	----	Calm	----	NE	1	ENE	1	ENE	0	Calm	----	6	Ci.-S.	S.-Cu. E	2	------------	Cu.-N.
16	Calm	----	Calm	----	NW	1	N	0	NNE	0	Calm	----	8	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. NE
17	Calm	----	Calm	----	NNW	1	NNW	1	NW	0	SW	1	9	Ci.-Cu.	S.-Cu. NE	9	Ci.-S.	Cu. SE
18	Calm	----	Calm	----	N	1	NNE	1	NW	0	Calm	----	7	Ci.	S.-Cu. E	1	------------	Cu.
19	Calm	----	Calm	----	NE	1	ENE	2	Calm	----	Calm	----	5	Ci.	Cu.-N. ENE	1	------------	Cu.
20	NE	1	Calm	----	E	1	NE	1	NE	0	Calm	----	7	Ci.-S.	Cu.-N. E	8	Ci.-Cu. NE	Cu. E
21	Calm	----	Calm	----	E	1	NE	2	ENE	1	E	2	8	Ci.-S.	Cu.-N. E	3	Ci.	Cu. S
22	Calm	----	Calm	----	E	1	E	1	NE	0	Calm	----	2	Ci.	Cu.	4	Ci.-S.	Cu. SE
23	Calm	----	Calm	----	NE	1	E	1	E	0	Calm	----	7	Ci.	N.	4	Ci. SE	Cu.-N.
24	Calm	----	Calm	---	E	1	NE	1	NE	0	Calm	----	10	------------	N.	5	Ci.	Cu.-N. E
25	NNE	1	Calm	----	NE	0	NNE	1	SSW	1	Calm	----	10	------------	N.	4	Ci.-Cu.	Cu.-N. SE
26	SSW	1	Calm	----	NW	1	N	1	SSW	1	Calm	----	7	Ci.-S.	Cu.-N.	7	Ci.	Cu.-N. SE
27	Calm	----	Calm	----	SSW	1	E	1	ESE	1	Calm	----	9	Ci.-S.	Cu.-N. E	7	Ci.	Cu.-N. SW
28	Calm	----	Calm	----	ESE	1	ESE	1	ENE	0	Calm	----	9	Ci.-S.	S.	10	Ci.-S.	Cu.-N.
29	Calm	----	Calm	----	S	1	NE	1	WSW	1	Calm	----	9	Ci.-S.	Cu.-N. ESE	8	Ci.	N.
30	SW	0	Calm	----	ENE	1	ENE	1	E	0	Calm	----	8	Ci.-S.	Cu.-N. NE	7	Ci.	Cu.-N. E
31	Calm	----	Calm	----	SE	1	SE	1	W	1	Calm	----	4	Ci.	Cu.-N. SE	5	Ci.	Cu.-N. SE
Mean	------	0.1	------	0	------	0.9	------	1.1	------	0.2	------	0.2	6.7	------------	------------	5.3	------------	------------

CAPIZ.

[ϕ=11° 35′ N ; λ=122° 45′ E ; barometer above sea, 6 meters ; gravity correction not applied, —1.81 mm.]

JUNE, 1909.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.34	58.23	59.03	57.48	57.23	59.01	25	25.3	28.9	31.3	29.4	26.7	32	------	94	92	83	77	82	92	1.8
2	58	58.73	59.52	57.59	57.12	58.94	26.3	26.1	30.5	31.8	29.7	27.2	32.5	------	95	96	76	71	84	92	2
3	58.01	57.76	58.69	57.14	57.73	58.87	26.9	27.1	30.4	31.4	29.3	28.1	31.9	------	97	93	79	77	86	90	------
4	58	57.93	59.20	57.65	57.13	58.45	27.5	27	30.1	32	29.7	27.3	31.3	------	------	------	------	------	------	------	
5	58	58.27	58.42	57.38	57.73	59.11	26.9	26.5	30.7	32	28.5	27	32.5	------	94	97	77	76	88	94	2.3
6	57.57	57.88	58.64	57.39	57.22	58.14	26.6	26.4	30.8	31.6	30	27.7	32	------	96	97	77	78	85	89	------
7	58.80	58.63	59.59	58.14	58.15	59.39	27	26.7	30.7	31.8	29.6	27.7	32.4	------	90	90	79	78	86	92	4.1
8	58.90	59.05	59.89	58.29	58.33	59.88	26.9	26.5	30.3	31.6	29	27.7	31.9	------	94	94	79	75	89	91	2
9	59	59.66	59.79	57.67	58.14	59.41	26.3	25.5	30.5	32.2	29.8	27.1	32.5	------	93	96	75	74	85	91	3.3
10	59.02	59.19	59.58	57.33	57.72	59.31	26.1	25.2	31	32.4	30.2	27.5	33	------	------	------	------	------	------	------	1.8
11	58.51	58.62	59.35	57.46	57.43	58.91	25.7	25.9	30.2	31.9	29.7	27.1	32.6	------	98	95	72	75	87	89	37.3
12	58.46	58.73	59.45	58.07	58.29	60.21	26.2	25	28.7	31.3	29.5	27.6	31.6	------	90	92	84	73	85	86	14
13	59.18	59.44	60.95	59.15	59.68	61.10	25.3	25	26.3	28.8	28.5	26.4	29	------	97	97	90	86	86	92	12.7
14	60.51	59.59	60.44	59.12	58.64	60.30	25.6	25	27.4	26.4	28.2	26.3	30.4	------	93	97	91	90	91	91	32.3
15	58.62	59.60	61.13	59.84	59.95	60.76	26.5	25.8	28.6	30.1	26.4	25.4	30.6	------	91	93	82	80	86	88	------
16	59.53	59.86	61.15	59.27	59.45	60.40	24.6	24.5	29	30.5	28.7	26.2	31.4	------	88	91	79	78	87	87	------
17	60.10	60.08	61.21	59.65	59.68	60.51	26.1	25.6	28.4	30.3	28.1	26.4	32.5	------	88	89	82	78	88	89	------
18	59.62	60.13	60.71	59.70	58.58	59.54	25	24.6	29.8	30.5	27	25.6	31.9	------	92	92	78	76	92	93	5.1
19	59.07	59.59	59.79	58.64	57.86	58.90	25.4	24.9	27.6	29.7	28.1	26.8	29.8	------	94	97	87	83	88	90	------
20	58.74	59.13	59.33	58	58.36	58.80	26.5	25.5	27.5	31.5	28.9	27.3	32.1	------	90	93	84	74	86	86	------
21	57.29	57.77	57.99	56.89	56.88	58.01	26.7	25	28	30.3	28.6	27.1	30.7	------	86	93	84	76	85	87	------
22	57.01	57.23	58.86	57.23	57.66	58.82	25.6	24.8	27.4	30.1	25.3	25.4	30.5	------	91	90	86	76	85	92	46
23	58.60	58.45	57.94	57.93	58.42	59.86	24.5	24.4	26.5	29.2	27.2	26.5	29.8	------	94	93	91	80	82	85	------
24	58.50	58.66	59.03	57.75	58.01	59.76	26.4	26.6	29.9	31	29.5	27.8	31.5	------	87	89	77	75	84	86	1.8
25	58.42	58.53	59.14	57.42	57.93	59.06	27.4	26	29.1	30.2	28.8	26.4	31.1	------	86	92	78	81	89	89	------
26	58.59	57.99	59.61	57.58	58.27	59.57	25.5	25	28.1	30.7	26.1	25.4	31.1	------	91	93	87	78	92	92	3.8
27	58.52	58.35	59.40	57.56	57.03	59.36	24.3	24	29.7	31.2	29.5	27.5	32.4	------	93	93	83	76	86	89	------
28	58.99	58.07	59.15	58.01	58.34	59.74	26.9	25.6	30.3	31.6	29.5	27.7	32.9	------	90	92	72	72	83	88	------
29	59.03	59.37	60.12	58.50	58.69	59.99	26.6	25.4	26.1	29	28.5	26.5	30.3	------	89	93	91	79	85	90	11.9
30	59.39	59.20	60.48	58.39	58.68	59.40	25.6	25.2	29	30.5	29.5	27.3	31.2	------	94	95	85	78	79	90	8.1
Mean	58.68	58.79	59.59	58.07	58.14	59.45	26.1	25.5	29	30.8	28.7	26.9	31.5	------	92	93.4	81.7	77.5	86.1	89.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	190.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	ENE	1	NE	1	NE	1	Calm	----	5	Ci.	S.-Cu. SE	2	------------	Cu.
2	ENE	1	ENE	1	ENE	1	NE	2	ENE	0	Calm	----	4	Ci.	S.-Cu. SE	1	Ci.	Cu.
3	Calm	----	Calm	----	NE	2	NE	2	NE	1	Calm	----	7	Ci.-S.	Cu.-N. E	9	Ci.	Cu.-N. E
4	ENE	1	E	1	NE	2	ENE	1	ENE	0	Calm	----	8	Ci.-S.	N. E	8	Ci.-S.	N. E
5	Calm	----	Calm	----	NE	2	NE	1	NE	1	Calm	----	8	Ci.-S.	N. E	9	Ci.-Cu. NE	Cu.-N.
6	NE	1	Calm	----	E	1	ENE	1	NE	1	Calm	----	7	Ci.-S.	Cu.-N. SE	5	Ci.	Cu. E
7	Calm	----	Calm	----	ENE	1	ENE	1	Calm	----	Calm	----	3	Ci.	Cu.-N.	9	Ci.-S.	Cu.-N. E
8	Calm	----	Calm	----	NE	1	ENE	1	Calm	----	Calm	----	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
9	Calm	----	E	0	NE	1	NE	1	NE	1	Calm	----	10	------------	N.	7	Ci.	Cu.-N. E
10	Calm	----	Calm	----	N	1	NE	1	NE	0	Calm	----	4	Ci.-S.	Cu.-N.	1	------------	Cu.
11	ENE	1	Calm	----	N	1	NE	1	Calm	----	Calm	----	7	Ci.	Cu.-N. NE	5	Ci.	Cu.-N. E
12	SW	1	SW	1	ESE	0	NE	1	Calm	----	Calm	----	10	------------	N.	8	Ci. SE	Cu.-N. E
13	Calm	----	Calm	----	SSW	1	NE	1	N	0	Calm	----	10	------------	N.	10	Ci.-S.	N. E
14	Calm	----	Calm	----	NNW	0	E	0	Calm	----	Calm	----	10	Ci.	Cu.-N. E	10	------------	N.
15	Calm	----	Calm	----	N	1	WSW	2	SE	0	Calm	----	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. N
16	Calm	----	SSE	0	SW	1	E	1	NW	0	NW	1	2	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. E
17	SW	1	Calm	----	W	1	N	0	Calm	----	Calm	----	10	Ci.-S.	N. E	10	Ci.-S.	N. E
18	Calm	----	S	1	WSW	1	NNW	1	W	0	Calm	----	7	Ci.-Cu.	Cu.-N. NE	9	Ci.-S.	Cu.-N. S
19	W	1	W	2	SW	0	SW	1	SW	0	Calm	----	10	------------	Cu.-N. S	10	Ci.-S.	Cu.-N. S
20	WNW	1	WNW	2	SSW	1	NW	0	N	0	Calm	----	10	------------	Cu.-N. W	9	Ci.-S.	Cu.-N. NW
21	W	1	WNW	1	SW	1	SE	0	NW	0	Calm	----	10	Ci.-S.	N.	10	Ci.-S.	N.
22	Calm	----	SE	1	SSW	1	SE	0	N	2	Calm	----	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
23	ENE	1	ENE	0	ESE	0	NNE	1	N	0	Calm	----	10	------------	N.	10	Ci.-S.	Cu.-N. SE
24	Calm	----	Calm	----	N	1	NNE	1	N	0	NNE	2	8	Ci.-S.	Cu.-N. NE	4	Ci.	Cu.-N. NE
25	N	1	NNW	1	WNW	0	NE	0	NNE	0	Calm	----	10	------------	N. NE	8	Ci.-S. ENE	Cu.-N. NE
26	Calm	----	Calm	----	SSW	1	NNE	2	SW	0	Calm	----	9	Ci.-S.	Cu.-N. SE	7	Ci. SW	Cu.-N. NW
27	Calm	----	Calm	----	SW	1	NE	1	NE	0	Calm	----	5	Ci.-Cu. NE	S.-Cu. SE	9	Ci.-S. NE	Cu.-N. S
28	Calm	----	Calm	----	NE	1	NE	1	ENE	0	Calm	----	7	Ci.-S.	S.-Cu. S	7	Ci.	Cu.-N. E
29	Calm	----	NE	1	SE	0	E	0	NE	0	Calm	----	6	Ci.-Cu.	S.-Cu.	10	------------	Cu.-N. E
30	Calm	----	Calm	----	WNW	1	N	1	NNE	1	Calm	----	10	Ci.-S.	N.	5	Ci. NW	Cu.-N.
Mean	------	0.4	------	0.4	------	0.9	------	0.9	------	0.3	------	0.1	7.9	------------	------------	7.7	------------	------------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6 meters; gravity correction not applied, −1.81 mm.]

JULY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.33	58.10	58.30	56.44	56.69	58.17	25.6	25.2	29.4	30.7	29.2	25.9	32.5	------	95	95	82	77	81	92	11.7
2	57.42	56.50	57.56	55.89	55.90	57.50	25.3	25	28.5	30.8	29	26.7	31.9	------	94	95	85	73	85	90	3
3	57.47	57.12	57.86	55.92	56.93	58.54	26.1	25.5	29.5	29.8	28.7	26.2	32.2	------	90	93	79	79	85	92	2
4	57.69	57.59	58.34	56.93	57.48	58.89	25.6	25.2	28	29.4	25.2	24.7	30.6	------	93	94	87	80	93	94	29.5
5	57.50	57.75	58.46	56.99	57.21	58.62	23.7	23.9	29	29.5	28.2	26	30.8	------	99	99	85	83	87	92	4.3
6	58.21	57.49	58.52	57.62	57.17	58.50	25.6	25.2	28	27	25.2	25	28.8	------	93	94	86	90	90	92	35.1
7	57.69	57.73	58.33	57.19	57.83	58.78	24.4	24.1	26.2	29.4	24.4	24	30.2	------	95	95	91	78	93	95	26.9
8	58.30	58.15	58.99	58.01	58.29	59.58	23	23.4	28.1	26.2	25.6	24.7	31.2	------	100	97	84	92	94	94	20.6
9	58.90	59.15	58.88	57.44	58.16	59.13	24.5	24	27	29.2	26.2	24.9	30.2	------	95	96	92	78	90	92	10.2
10	58.77	58.30	58.55	57.58	57.52	58.47	24.7	24.5	28	30.8	28	26.4	31.3	------	94	96	88	76	90	91	------
11	57.61	57.07	58.30	57.22	57.09	57.94	25.7	25.4	27.2	28.5	25.3	24.5	28.9	------	95	95	94	85	93	93	3.1
12	57.83	56.50	57.99	57.07	57.07	58.23	24.5	24.5	26.5	26.3	25.2	23.6	31.8	------	95	96	92	91	94	95	3.3
13	57.20	57.55	58.60	56.94	57.87	59.22	23.6	23.8	28.1	31.2	27	26.3	32.4	------	96	93	85	73	81	86	------
14	57.79	58.74	59.45	57.71	58.83	60.55	24.6	23.8	29.5	28.3	27.2	25.4	31.1	------	90	93	80	90	90	93	------
15	58.97	59.17	59.80	58.40	59.34	60.50	24.8	24.4	28	29.8	28.7	26.7	30.4	------	94	95	88	76	81	90	20.3
16	59.80	59.45	60.03	58.46	58.65	59.55	24.3	23.7	28.7	30.3	28.5	27	31.8	------	96	94	83	79	85	86	3.3
17	58.82	58.28	58.23	57.11	57.29	58.78	26.6	25.2	28.2	28.9	27.5	25.6	30.8	------	86	95	83	82	91	92	------
18	57.90	57.75	58.66	57.14	58.18	59.76	24.4	24	29.7	29.5	25	24.6	31.7	------	95	95	84	78	92	93	6.4
19	59.64	59.75	60.31	58.52	58.80	60.20	24.8	24.8	26	28.2	27.6	25	29.6	------	93	93	92	85	91	92	.5
20	59.71	59.98	60.56	59.01	58.89	59.61	24.8	24.8	26.5	28.5	27.5	25.9	29	------	94	95	92	83	88	92	.8
21	58.39	58.28	59.47	58.27	57.76	58.62	24.8	24.7	28.5	27.3	26.5	24.9	29.9	------	92	93	77	86	91	92	.8
22	58.02	58.25	58.70	57.33	58.32	59.33	24.2	23.9	29.1	29.2	26.2	25.4	30.6	------	96	92	86	76	92	93	23.6
23	58.53	58.23	58.76	57.35	57.49	58.72	24.4	24.2	29.5	27.1	26.9	26.2	31.5	------	96	94	84	91	91	93	20.1
24	57.30	57.15	57.76	56.18	56.60	57.37	24.8	24.5	29.5	27.6	25.6	24.2	30.3	------	97	97	81	87	93	95	13.2
25	56.69	56.33	56.89	55.21	55.83	57.37	24.4	24.6	28.3	31.1	29.5	26.5	32.9	------	95	95	85	78	85	88	------
26	56.61	56.30	56.74	55.26	56.08	58.48	25.7	25.1	30.2	33	28.5	26.8	34.5	------	92	95	77	69	85	86	2.8
27	56.42	56.27	57.38	56.37	56.08	58.14	25.1	25	29.7	31.5	29.8	24.9	35	------	96	93	77	71	85	90	1.8
28	54.58	55.43	55.63	53.82	54.70	55.71	25.5	25.7	30.4	32	29.1	27.4	34.6	------	92	93	70	77?	84	85	------
29	54.04	54.61	55.68	54.42	54.78	57.07	27	26.7	30.4	32.6	29.5	27.1	34.8	------	87	90	76	75?	84	85	------
30	56.98	57.44	58.68	57.69	57.76	59.61	26.4	25.4	29.2	30.6	29	26.5	33.3	------	86	92	76	76	87	88	------
31	58.43	58.67	59.19	58.07	58.10	59.59	26.2	26.5	30.2	31.8	29	27	34.1	------	92	92	77	77	85	88	------
Mean	57.79	57.71	58.41	57.02	57.38	58.73	25	24.7	28.6	29.6	27.4	25.7	31.6	------	93.6	94.3	83.8	80.4	88.3	90.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	243.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	NW	0	NE	1	NE	0	Calm	----	10	------------	N.	8	Ci.	Cu.-N. SE
2	Calm	----	E	0	ENE	0	E	1	Calm	----	Calm	----	10	------------	N.	5	Ci.-S.	Cu.-N. E
3	Calm	----	Calm	----	N	1	NE	1	Calm	----	SSE	1	10	------------	N.	9	Ci.-S.	Cu.-N. S
4	Calm	----	Calm	----	NE	1	NE	1	Calm	----	E	1	9	Ci.-Cu.	Cu.-N. E	9	Ci.-S.	Cu.-N. SE
5	Calm	----	Calm	----	NNW	0	NNE	1	Calm	----	Calm	----	10	Ci.	Cu.-N. E	6	Ci. S	Cu.-N. E
6	Calm	----	Calm	----	NE	1	N	0	NW	0	Calm	----	9	Ci.-S. ●	Cu.-N. E	10	------------	N.
7	E	1	Calm	----	S	0	NNE	1	SE	0	Calm	----	10	------------	N.	10	Ci.-S. E	Cu.-N. S
8	Calm	----	Calm	----	SSE	1	NW	1	Calm	----	Calm	----	10	Ci.-Cu.	Cu.-N.	10	------------	N.
9	Calm	----	Calm	----	NNE	1	NNE	1	SSW	0	Calm	----	8	Ci.-Cu. W	Cu.-N.	9	Ci.-S.	Cu.-N. S
10	Calm	----	Calm	----	SE	1	S	2	SSW	1	Calm	----	8	Ci.-S.	Cu.-N. SE	9	Ci.-S.	Cu.-N. SW
11	Calm	----	Calm	----	ESE	0	ESE	1	Calm	----	Calm	----	10	Ci.-S.	N. E	10	Ci.-S.	N.
12	Calm	----	W	0	W	0	NNE	1	Calm	----	Calm	----	10	Ci.-S.	N. NW	10	------------	N.
13	Calm	----	W	1	SW	1	SSW	1	WSW	2	Calm	----	8	Ci.-S.	Cu.-N. SE	5	Ci.-Cu.	Cu.-N. S
14	Calm	----	Calm	----	SSW	1	NE	1	ESE	0	Calm	----	4	Ci.-S.	S.	9	Ci.-S. SE	Cu.-N. SW
15	Calm	----	Calm	----	NNE	0	NE	1	NNE	0	Calm	----	6	Ci.-S.	Cu.-N. S	7	Ci.-S.	Cu.-N. S
16	Calm	----	Calm	----	NW	1	NW	1	N	1	NE	2	6	Ci.-S.	Cu.-N. NW	6	Ci.-S.	Cu.-N. NW
17	NE	1	Calm	----	NW	1	NNE	1	NE	0	Calm	----	8	Ci.-S.	Cu.-N. SE	9	Ci.-S.	Cu.-N. SE
18	Calm	----	Calm	----	ENE	1	NE	1	WSW	1	Calm	----	6	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. ESE
19	Calm	----	Calm	----	Calm	----	WSW	1	Calm	----	Calm	----	10	------------	N.	10	Ci.-S.	N.
20	SSW	1	Calm	----	W	0	WNW	0	WNW	1	Calm	----	9	Ci.-S.	Cu.-N.	10	Ci.-S.	N.
21	Calm	----	Calm	----	WNW	1	WNW	1	Calm	----	Calm	----	8	Ci.-S.	N. NNW	10	Ci.-S.	Cu.-N. N
22	Calm	----	Calm	----	W	1	NNE	1	SSW	1	Calm	----	6	Ci.-S.	S.-Cu.	8	Ci.-Cu. NE	Cu.-N. W
23	Calm	----	Calm	----	ESE	1	NE	1	Calm	----	Calm	----	8	Ci.-S.	Cu.-N. SW	10	------------	N.
24	Calm	----	Calm	----	W	1	E	1	Calm	----	Calm	----	5	Ci.	S.-Cu. SW	8	Ci.-S.	Cu.-N. W
25	SSW	2	SW	1	SSW	1	NNE	0	W	1	SSE	1	8	Ci.	Cu.-N.	7	Ci.-S. NE	Cu.-N. SW
26	SE	1	Calm	----	SW	1	SSW	1	SSW	1	Calm	----	6	Ci.-S.	S.	8	Ci.-S.	Cu.-N. W
27	Calm	----	Calm	----	SSW	1	WSW	2	SW	1	SW	1	5	Ci.-Cu.	S.-Cu. SW	5	Ci.-S. NE	Cu.-N. S
28	SSW	2	Calm	----	SSW	2	SSW	2	SSW	1	SW	3	6	Ci.-S.	Cu.-N. SW	5	Ci.	Cu.-N. SW
29	SSW	3	S	3	SSW	1	WSW	2	SSW	1	Calm	----	8	Ci.-S.	Cu.-N. S	7	Ci.	Cu.-N. SW
30	WSW	1	Calm	----	WSW	1	N	1	WSW	0	Calm	----	6	Ci. NW	Cu.-N. W	9	Ci.-S. NW	Cu.-N. SW
31	Calm	----	Calm	----	SW	1	NW	2	WNW	1	Calm	----	6	Ci.-S.	S.	8	Ci.-Cu. SW	Cu.
Mean	-------	0.4	-------	0.2	-------	0.7	-------	1.1	-------	0.4	-------	0.3	7.8	------------	------------	8.1	------------	------------

CAPIZ.

[ϕ=11° 35′ N ; λ=122° 45′ E ; barometer above sea, 6 meters ; gravity correction not applied, —1.81 mm.]

AUGUST, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.69	58.47	59.09	57.79	57.84	59.33	26.6	25.6	30.4	30.4	25.2	24.6	31.9	------	88	93	77	77	90	92	2
2	57.59	57.30	58.20	56.89	56.66	58.29	24.8	25	29.8	30.5	25.8	24.6	31.8	------	93	93	78	79	90	91	------
3	57.62	57.75	58.44	56.49	57.19	58.90	24.3	24.1	29	30.8	25	24	31.5	------	92	92	78	73	92	93	14.2
4	58.51	58.03	58.81	57.24	57.83	58.99	23.7	23.5	28.5	30.3	27.4	26	31.8	------	94	96	84	73	92	92	3.6
5	58.75	58.60	59.44	58.04	58.24	59.58	25	24.5	28.5	30	26.6	25.1	31.4	------	93	94	86	82	91	92	11.9
6	59.08	58.84	59.63	58.02	59	60.33	24.4	24	29.5	30.4	25	24.6	31.3	------	95	96	76	72	92	92	.8
7	59	58.85	59.50	58.11	58.30	60	23.8	23.5	30.1	31.2	29.2	27	32.8	------	95	96	71	74	83	90	------
8	59.51	59.38	60.16	58.47	58.69	60.11	25.3	25	29.6	30.8	29.5	26.8	31.7	------	97	96	81	76	85	86	------
9	59.30	59.53	60.72	59.07	59.24	61.60	24.9	24.4	30	29.6	28.6	27.1	33.6	------	93	93	75	83	85	90	------
10	60	59.98	60.69	59.10	59.31	61.10	25	24.7	30.5	31.5	27.8	26.4	32.1	------	96	94	70	75	82	89	------
11	60.07	59.85	60.15	58.30	58.89	60.26	25.5	24.5	30.2	31	27.4	24.9	31.6	------	89	94	74	75	87	87	------
12	58.73	59.08	59.24	57.48	57.69	59.30	24.6	24	30.5	31.5	29.5	27.5	31.7	------	87	91	75	72	83	90	------
13	58.64	58.85	60.56	58.67	58.93	60.21	25.6	25	27.1	30.8	29.5	27	32	------	95	96	91	73	86	89	------
14	58.54	59.76	60.76	60.11	59.26	61.07	25.4	25	29.4	26	26.6	25.4	31.1	------	95	96	82	94	95	95	7.6
15	60.02	59.69	60.13	58.18	58.26	59.67	24.5	24.1	27.8	30.5	29.2	25.9	31.1	------	95	96	86	72	87	96	------
16	58.50	58.38	58.46	57.53	57.25	58.48	24.7	24	29.2	30.6	28.5	26.1	32.6	------	97	93	74	78	87	87	------
17	57.20	57.94	58.94	57.43	57.77	59.34	25.5	24.7	30	29.6	27	25.6	31.2	------	89	92	70	81	86	91	------
18	58.20	58.85	60.02	59.41	59.45	60.86	25.2	24.9	28	28.2	25	24.4	30.6	------	92	92	85	80	92	92	4.3
19	59.78	59.63	60.56	58.85	59.12	60.51	24.2	24.1	28	29.2	27.5	25.8	30.4	------	94	95	82	81	89	92	.8
20	59.71	59.19	58.90	57.82	57.53	59.28	24.5	23.8	28	30.5	29.1	27	31	------	94	97	85	78	86	87	31.2
21	58.40	58.24	59.40	57.65	58.19	59.55	24.7	24.5	28.6	30.5	29.5	27.4	31.2	------	97	94	84	75	85	89	42.9
22	58.40	59.20	59.28	58.23	58.40	59.59	25.2	24.1	30.3	31	28.9	26.5	32	------	94	97	78	78	86	91	------
23	59.66	59.10	59.70	57.89	58.76	59.36	25.6	25	29.5	30.5	27.5	27.4	31.5	------	93	96	76	77	89	89	.8
24	59.03	58.73	59.70	57.75	57.95	59.56	26.4	26	26.9	30.7	29.4	26.5	31.5	------	91	92	90	74	86	92	12.7
25	58.32	58.19	59.65	57.46	57.95	59.95	25.3	25	28.2	29.1	29	26.1	30.8	------	96	96	88	84	85	91	14.2
26	57.42	57.60	58.86	57.26	57.78	58.98	24.7	23.9	28.1	30	28.7	26.9	30.6	------	94	96	85	80	87	90	------
27	57.79	58.43	59.30	57.57	58.01	59.26	25.2	24.9	30.2	31	28.2	27	32	------	90	87	73	79	92	92	.5
28	58.09	58.33	59.22	57.33	56.99	59.10	26	25.4	30	31	29.5	28	31.9	------	92	93	78	76	85	92	2.8
29	57.79	57.84	58.97	57.06	56.83	58.81	24.7	24.6	29.8	31.1	29.7	27.5	32.3	------	99	96	78	75	87?	90	9.1
30	57.41	57.85	58.95	57.07	57.56	59.24	25.6	25	29	30.7	29.5	28.1	31.5	------	95	96	81	75	85	89	------
31	57.63	58.03	58.93	56.84	58.13	58.99	26.8	25.8	29.2	30.8	29.5	27.8	33.1	------	89	93	85	80	87	90	2
Mean	58.63	58.69	59.50	57.91	58.16	59.66	25.1	24.6	29.2	30.3	28	26.3	31.7	------	93.3	94.2	79.9	77.5	87.5	90.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	161.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	Calm	----	Calm	----	ESE	1	NE	1	SE	0	Calm	----	6	Ci.-S.	S.	8	Ci.-S.	Cu.-N. S
2	Calm	----	Calm	----	SE	1	NNE	1	SSW	0	Calm	----	2	Ci.	S.-Cu.	5	Ci.	Cu. S
3	Calm	----	Calm	----	SW	1	N	1	SSE	0	Calm	----	8	Ci.-S.	Cu.-N. SE	7	Ci.-S.	Cu.-N. S
4	Calm	----	Calm	----	SSE	1	N	1	SSW	0	Calm	----	6	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. sw
5	SSW	1	SW	0	SW	1	NE	1	Calm	----	Calm	----	7	Ci.-S.	S.-Cu. SW	5	Ci.-S.	Cu.-N. sw
6	Calm	----	Calm	----	WSW	1	NE	1	SE	1	Calm	----	2	Ci.	S.	3	Ci.	Cu.-N. sw
7	Calm	----	Calm	----	SE	1	N	1	NE	1	Calm	----	2	Ci.	S.	3	Ci.	Cu.-N.
8	Calm	----	Calm	----	NNW	1	NE	1	NNE	1	Calm	----	6	Ci.-S.	S.-Cu.	6	Ci.-Cu. SE	Cu.-N.
9	Calm	----	Calm	----	SSW	1	NNE	1	Calm	----	Calm	----	5	Ci.-S.	S.	7	Ci. NE	Cu.-N. S
10	Calm	----	Calm	----	SW	1	N	1	SW	1	Calm	----	5	Ci. NE	S.-Cu.	9	Ci.-S.	Cu.-N. S
11	Calm	----	Calm	----	SW	1	NE	1	S	1	Calm	----	5	Ci.-S.	S.	5	Ci.	Cu.-N. W
12	Calm	----	Calm	----	SE	1	NE	1	NNW	1	Calm	----	2	Ci.	S.	3	Ci.	Cu.-N.
13	Calm	----	Calm	----	Calm	----	NNE	1	Calm	----	Calm	----	3	Ci.	S.-Cu.	6	Ci. NE	Cu.-N. NE
14	Calm	----	Calm	----	E	1	ESE	0	ESE	0	Calm	----	10	Ci.-S.	N.	10	----	N.
15	Calm	----	Calm	----	ESE	1	NNW	1	NW	1	Calm	----	4	Ci.-S.	S.-Cu.	4	Ci.	Cu.-N. S
16	Calm	----	Calm	----	NW	1	NNE	1	WSW	1	Calm	----	2	Ci.	S.-Cu.	4	Ci.	Cu.-N.
17	Calm	----	Calm	----	SE	1	NE	1	SW	1	Calm	----	5	Ci.	S.-Cu.	9	Ci.-S.	N. W
18	Calm	----	Calm	----	ESE	1	ESE	1	Calm	----	Calm	----	8	Ci.-S. NE	N. SW	10	Ci.-S.	N. SW
19	Calm	----	Calm	----	SW	1	NE	1	Calm	----	Calm	----	8	Ci.-Cu.	Cu.-N. NW	8	Ci.	Cu.-N. S
20	ESE	1	Calm	----	NE	1	NE	1	NE	0	Calm	----	7	Ci.-S.	S.-Cu. NW	3	----	Cu.-N.
21	NE	1	Calm	----	NNW	1	N	1	Calm	----	Calm	----	4	Ci.-S.	S.-Cu.	4	Ci.	Cu. NE
22	NNE	3	Calm	----	E	1	ENE	1	ENE	0	Calm	----	6	Ci.-S.	N.	5	Ci.	Cu.-N. SE
23	Calm	----	Calm	----	ENE	0	NE	1	ENE	2	ENE	1	7	Ci.-S.	Cu.-N. SE	8	Ci.-S.	Cu.-N. S
24	Calm	----	Calm	----	Calm	----	NE	1	NE	1	NNE	1	7	Ci.-S.	Cu.-N. ENE	6	Ci.-S.	Cu.-N. E
25	Calm	----	Calm	----	SSW	1	NW	0	NE	0	Calm	----	8	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. S
26	Calm	----	Calm	----	SW	0	NE	1	NE	0	Calm	----	8	Ci.-S.	Cu.-N. SE	7	Ci.	Cu.-N. E
27	Calm	----	Calm	----	NE	1	NE	1	Calm	----	Calm	----	3	Ci.-S.	S.-Cu.	5	Ci.	Cu.-N. E
28	NE	1	Calm	----	NNE	1	NE	1	NE	0	Calm	----	5	Ci.-S.	Cu.-N. E	4	Ci.-S. SE	Cu.-N. NE
29	Calm	----	Calm	----	ESE	1	NE	1	Calm	----	Calm	----	4	Ci.	S.-Cu.	6	Ci.	Cu.-N. SE
30	Calm	----	Calm	----	NW	0	NNE	1	Calm	----	Calm	----	6	Ci.-S.	Cu.-N. NE	2	Ci.	Cu.
31	Calm	----	Calm	----	ESE	1	NE	1	NE	0	Calm	----	4	Ci.	Cu.-N. S	6	Ci.	Cu.-N. S
Mean	------	0.2	------	0	------	0.8	------	0.9	------	0.4	------	0.1	5.3	------	------	6	------	------

CAPIZ.

[ϕ=11° 35′ N ; λ=122° 45′ E ; barometer above sea, 6 meters ; gravity correction not applied, —1.81 mm.]

SEPTEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.01	58.28	58.73	57.42	57.54	59.17	26.4	25.7	29.6	31.1	29.3	25.4	32.5	------	92	94	81	77	86	90	50
2	57.75	58.39	59	57.73	57.62	59.48	24.9	24.5	28.4	25.8	27.5	24.9	29.1	------	92	95	87	89	90	93	90.7
3	58.30	57.74	59.13	57.51	58.16	59.70	24.3	23.8	27.6	26.6	26	24.3	29.5	------	96	97	87	87	91	95	14.7
4	58.43	58.63	58.94	57.02	57.26	58.77	24.3	24.4	28	28.7	25.8	24.4	30.1	------	95	94	85	84	93	93	3.8
5	57.22	57.43	58.52	56.84	57.33	58.62	24.2	24	27	29.1	25.7	25.3	30.4	------	95	98	84	78	90	93	------
6	57.68	57.43	58.75	56.53	56.62	58.26	23.8	24	29.5	30.2	27.1	26.2	31.9	------	98	96	72	78	90	90	2.8
7	56.70	56.82	57.94	56.65	56.71	58.56	24.8	24.5	29.5	28.4	26.5	25.6	31.9	------	99	96	78	89	92	93	------
8	56.52	56.67	57.94	56.72	57.33	58.10	24.7	24.5	30.1	25.7	26.2	24.3	32.2	------	96	94	72	88	89	92	2.8
9	56.63	56.92	58.10	56.44	57.19	58.84	24.3	24.1	28.5	31	29	27.2	32.4	------	92	95	78	80	89	90	------
10	57.83	58.08	59.20	57.28	57.81	59.30	24.5	24.8	29	31.7	29.3	27.5	33.6	------	97	93	86	74	72	90	------
11	57.79	58.09	59.09	57.29	57.75	58.97	25.7	25.5	28.6	30.9	28	26.4	33.1	------	90	92	75	71	85	87	------
12	57.50	56.93	57.80	55.98	56.31	57.53	25.6	25.1	30.1	29.4	27.1	25.6	32.4	------	92	94	74	86	91	91	------
13	56.68	56.60	57.38	55.66	55.93	57.37	25.7	25.5	30.4	28.2	27.1	25.8	33.1	------	90	90	72	80	91	93	8.9
14	56.10	55.92	56	54.96	55.27	56.47	25.3	24.2	29.8	28.2	26.8	25	30.8	------	93	94	77	84	90	92	------
15	55.28	55.17	56.66	55.28	55.44	56.73	24.6	24.5	30.3	31.4	29.3	27.1	32.9	------	92	87	74	73	81	87	------
16	56.71	57.02	57.45	55.89	56.73	58.01	26.2	25.8	29.9	31.3	26.4	25.7	32.2	------	92	96	81	73	89	92	5.1
17	57.33	56.80	57.94	55.94	56.41	57.86	24.8	24.5	28.2	31	27.3	25.5	32.1	------	92	92	83	75	89	90	------
18	56.89	56.67	57.24	55.06	56.41	57.48	25.3	25	28.8	29.6	26	25	31.9	------	91	93	79	78	88	88	------
19	55.79	56.04	58.66	56.07	56.79	57.99	25.9	25.6	26.8	28	27.5	25.3	28.9	------	91	87	86	85	87	91	------
20	57.39	58.23	58.67	56.66	58.18	59.08	24.6	24.1	28.1	31.7	26.7	24.9	32.5	------	92	94	88	70	91	91	8.4
21	58.12	58.43	59.21	57.49	58.98	60.21	23.9	23.5	29.6	31.5	25.4	24.7	31.9	------	94	96	75	73	91	94	3.6
22	59.30	59.93	60.58	58.77	58.99	60.44	24.4	24.2	29.9	30.8	30.3	28	31.6	------	94	94	80	80	80	88	5.8
23	59.44	59.90	60.18	58.69	59.57	59.71	26.6	26.2	29.9	29.9	27.3	26.2	31.1	------	90	90	79	80	90	94	56.9
24	57.83	58.60	59.36	57.40	58.37	59.48	25.2	24.7	28.2	28.6	24.8	24.6	30	------	95	94	87	85	95	95	15.7
25	57.60	58.30	58.81	57.39	57.78	59.50	23.7	23.5	28.2	26	26.7	24.7	30.2	------	99	96	89	92	92	92	3.6
26	58.30	59.08	60.43	58.74	59.43	62.15	24.1	24	28.4	30	27.7	26	31.6	------	96	96	77	77	90	92	3
27	60.91	61.81	62.46	60.55	61.36	62.55	25.3	25	28.7	29.9	27.9	25.2	30.7	------	92	92	78	75	89	92	------
28	60.71	60.96	62.04	59.67	59.29	60.46	24.4	24	29.3	30.7	28.5	27.2	31.1	------	93	95	79	78	89	89	1.8
29	58.53	58.34	59	57.02	57.17	58.25	26.5	26	30.4	30.8	28.6	25	31.7	------	91	94	74	78	88	92	73.1
30	56.73	57.47	58.83	56.44	56.89	58.38	24.3	24	27.7	29.7	27.4	27	30.5	------	95	96	84	77	92	90	2
Mean	57.66	57.89	58.80	57.04	57.55	58.91	24.9	24.6	29	29.5	27.3	25.7	31.5	------	93.5	93.8	80	79.8	88.7	91.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	352.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	ENE	1	Calm	----	Calm	----	NW	1	N	0	NE	1	7	Ci.-S. NW	Cu.-N. E	8	Ci.-S.	Cu.-N. S
2	NE	1	Calm	----	W	1	NE	1	Calm	----	Calm	----	10	----------	N. E	6	Ci.-S.	N. E
3	Calm	----	Calm	----	Calm	----	ESE	0	Calm	----	Calm	----	7	Ci.-S.	N. E	10	Ci.-S.	N. NE
4	Calm	----	Calm	----	WNW	0	NNW	0	WSW	1	Calm	----	10	Ci.-Cu.	Cu.-N.	10	Ci.-S.	N.
5	SW	1	SSW	1	Calm	----	WNW	1	W	1	Calm	----	8	Ci.-Cu.	Cu.-N. SE	10	Ci.-S.	Cu.-N. SW
6	Calm	----	Calm	----	W	1	SE	1	Calm	----	Calm	----	6	Ci.-Cu. NE	S. SE	10	Ci.-S.	Cu.-N. NE
7	Calm	----	Calm	----	SW	1	WNW	1	Calm	----	Calm	----	6	Ci.-Cu.	Cu.-N.	10	----------	Cu.-N. W
8	SE	1	Calm	----	SW	0	W	1	Calm	----	Calm	----	8	Ci.-Cu.	Cu.-N.	10	----------	Cu.-N. SW
9	Calm	----	Calm	----	WSW	1	E	1	Calm	----	Calm	----	9	Ci.-Cu.	Cu.-N.	10	Ci.-S.	Cu.-N. S
10	Calm	----	Calm	----	SW	1	N	1	Calm	----	Calm	----	6	Ci.-S.	N. SE	8	Ci.-Cu. SE	Cu.-N. SE
11	Calm	----	NW	0	W	1	SW	2	W	1	Calm	----	7	Ci.-S.	Cu.-N. N	9	Ci.-Cu. SW	N.
12	Calm	----	Calm	----	SSW	1	NW	1	E	0	SW	2	6	Ci.-S.	N. NE	8	Ci.-S.	Cu.-N. SW
13	SSW	1	S	1	SSW	1	NNW	1	N	0	Calm	----	6	Ci.-S.	S.-Cu. SE	6	Ci.-S. NE	Cu.-N. S
14	Calm	----	Calm	----	N	1	N	0	S	0	Calm	----	4	Ci.-S.	S.	8	Ci.-S.	Cu.-N. SW
15	Calm	----	Calm	----	SSW	1	W	1	Calm	----	Calm	----	3	Ci.-Cu.	S.-Cu.	10	Ci.-S.	Cu.-N. NW
16	Calm	----	Calm	----	SW	0	WNW	2	NW	1	Calm	----	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. NW
17	Calm	----	Calm	----	WNW	1	NW	1	SSW	0	Calm	----	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. NW
18	Calm	----	Calm	----	SW	1	SSW	1	Calm	----	Calm	----	8	Ci.-S.	Cu.-N. NW	10	Ci.-S.	Cu.-N.
19	SW	2	S	2	W	1	S	2	Calm	----	Calm	----	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	N. NW
20	Calm	----	Calm	----	SSW	1	S	1	Calm	----	Calm	----	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. S
21	Calm	----	Calm	----	ESE	1	NE	1	Calm	----	Calm	----	3	Ci.-S.	S. SE	6	Ci.-S.	Cu.-N. SW
22	Calm	----	Calm	----	N	1	NNE	1	Calm	----	NE	1	2	Ci.-S.	S.	2	Ci.	Cu.
23	Calm	----	WSW	1	WSW	1	NNE	1	E	1	Calm	----	8	Ci.-S.	Cu.-N. N	10	Ci.-S. SE	Cu.-N. E
24	Calm	----	Calm	----	WNW	1	NE	0	Calm	----	Calm	----	9	Ci.-S.	Cu.-N. NE	10	----------	N.
25	Calm	----	Calm	----	SSW	1	WSW	1	Calm	----	Calm	----	3	Ci.	Cu. SW	8	Ci.-S.	Cu.-N. SW
26	Calm	----	Calm	----	S	2	S	1	SSW	0	Calm	----	6	Ci.-S.	Cu. SW	10	Ci.-S.	Cu.-N. SW
27	Calm	----	Calm	----	S	1	NE	1	Calm	----	Calm	----	6	Ci.-S.	Cu.-N. NE	2	Ci.	S.-Cu.
28	Calm	----	Calm	----	NW	1	NW	1	WNW	0	NW	1	7	Ci.-S.	Cu.-N. NE	8	Ci.-S.	Cu.-N. NE
29	NW	1	NNW	1	NW	1	NNW	1	Calm	----	Calm	----	6	Ci.-S.	Cu.-N. NE	8	Ci.-S. SW	Cu.-N. N
30	NNE	1	NE	1	NE	1	N	1	N	1	N	1	10	----------	N.	8	Ci.-S.	Cu.-N. NE
Mean	------	0.3	------	0.2	------	0.8	------	1	------	0.2	------	0.2	7	----------	----------	8.4	----------	----------

CAPIZ.

[ϕ=11° 35′ N ; λ=122° 45′ E ; barometer above sea, 6 meters ; gravity correction not applied, —1.81 mm.]

OCTOBER, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.38	57.95	59.33	57.10	57.85	59.65	26.3	25	28.9	29.5	28.4	24.5	30.7	------	87	93	83	82	87	93	52.1
2	58.83	58.08	58.54	56.86	57.31	58.60	23.6	23.5	28.6	26.5	25.6	25	31.1	------	98	96	84	92	93	96	19.6
3	56.84	57.24	57.89	56.61	56.83	58.10	23.6	23.9	29.1	27	25.8	24.8	29.5	------	98	96	82	89	90	93	4.8
4	57.59	57.23	57.41	55.52	56.19	57.29	24.3	24	26.6	28.1	25.7	24.5	30.4	------	95	96	90	87	92	92	3.8
5	56.70	56.53	57.56	55.51	56.13	57.78	24.4	24.5	27.9	30.6	27.1	24.3	31.7	------	94	96	86	76	94	94	9.4
6	56.48	56.53	58.20	56.82	57.28	58.59	24.2	24	28	28.9	26.5	26	29.7	------	94	96	89	82	92	92	2
7	57.39	57.89	58.87	57.47	58.02	59.90	24.6	24.4	29	30.5	26.7	26.6	31.8	------	95	93	81	79	91	91	4.1
8	58.82	59.13	60.19	58.14	59.13	59.92	25.4	25	29.4	30.4	24.9	24	30.8	------	93	96	78	78	92	95	19.6
9	59.78	59.61	60.54	57.75	58.12	60.10	23.4	23.5	26.3	28	27.2	25.1	29	------	98	97	94	87	90	95	26.1
10	58.40	58.64	59.66	56.93	56.91	57.86	24.8	24.5	26	29.2	27.4	26.9	30.8	------	95	96	94	83	89	91	8.7
11	56.31	57.12	58.86	56.87	57.76	59.84	25.5	25	29.2	30.6	28.1	27.1	31.3	------	96	96	78	79	88	91	21.1
12	58.94	59.30	60.35	58.59	58.37	60.11	25.1	24.5	29.2	30.2	28.3	27.1	30.9	------	95	96	80	78	90	90	------
13	59.01	59.43	60.77	58.29	58.29	59.36	26.1	26	29.3	30.2	28.7	28	31.1	------	96	96	80	80	88	88	------
14	57.62	58.68	59.72	57.49	57.14	58.46	26.8	26	29.5	30.5	28	27.2	31.2	------	89	92	78	75	88	90	------
15	57.22	57.08	58.36	56.32	56	57.09	26.1	25.5	29.9	30.7	28.9	28.3	31.5	------	94	94	76	79	89	89	12.2
16	56.40	56.08	56.71	54.82	54.20	55.07	26.4	26.1	29	29.3	28.5	26.8	31.3	------	89	95	81	83	85	91	------
17	54.42	53.61	54.29	52.62	53.62	54.58	25.7	25	30	31.9	28.6	26.6	33.4	------	96	96	80	73	85	88	------
18	54.53	54.19	55.99	53.91	55.11	56.91	25.7	26.1	30.3	33.1	27.8	26.6	34.2	------	94	93	76	69	83	90	------
19	55.53	56.07	57.73	56.19	56.95	58.01	25.4	25.5	30.5	27.7	27.1	25.7	32.2	------	98	96	76	87	91	93	5.6
20	56.60	58.32	59.38	56.99	58.12	59.71	24.6	24.1	30	30.5	28.3	26	31.2	------	95	96	78	78	86	93	------
21	58.90	59.52	60.41	58.53	58.91	59.81	24.9	24.5	29.8	30.5	28.9	27	31.6	------	96	97	77	80	89	92	53.1
22	58.42	59.63	60.26	57.75	57.91	58.72	25.5	25	28.8	30.9	28.2	27.7	31.7	------	96	95	83	73	91	91	15.2
23	56.42	56.06	57.71	55.19	55.34	56.70	26.4	26	27	26	25.3	25.4	27.8	------	97	98	92	94	94	96	15.2
24	56.52	55.33	58.69	57.80	58.16	59.77	24.9	24.4	29.3	27.6	25	25	29.9	------	97	97	84	84	96	96	3.3
25	59.33	59.25	59.94	58.17	58.67	60.36	24.8	24.7	29.8	31	28.6	26.7	31.2	------	96	94	77	79	91	92	41.1
26	59.29	59.63	60.59	58.49	58.19	59.84	25.3	25	28.7	30.5	28.4	27.7	30.9	------	98	97	83	76	84	84	1.8
27	58.58	58.51	59.67	57.17	57.36	58.72	27.2	27	29.3	30.4	26.8	26	31.3	------	87	88	79	81	80	87	13
28	57.21	56.98	58.96	56.58	56.90	58.87	26.4	26.2	28.6	30	28	26.7	30.7	------	92	90	68	76	85	94	2.3
29	58.63	58.30	60.10	57.37	58.12	59.66	25.8	24.9	28.4	30.7	26.7	24.3	31.5	------	97	95	82	76	92	93	11.2
30	58.29	58.17	59.37	57.40	57.79	59.60	24.1	24.1	27.8	28.5	27.4	25.6	29.7	------	93	94	89	86	90	90	17.2
31	58.97	58.86	60.09	58.42	58.94	60.65	25.5	25.4	28.6	30.2	28	26.5	30.8	------	93	97	77	75	88	92	------
Mean	57.59	57.71	58.91	56.89	57.27	58.70	25.3	24.9	28.8	29.7	27.4	26.1	31	------	94.5	95.1	81.8	80.5	89.1	91.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	362.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	WNW	1	W	1	W	1	NE	1	Calm	----	Calm	----	5	Ci.-Cu.	Cu.-N. N	7	Ci.	Cu. NE
2	NW	1	Calm	----	SE	1	Calm	----	Calm	----	Calm	----	2	Ci.	S.-Cu.	10	----	N.
3	Calm	----	Calm	----	SW	1	E	1	Calm	----	Calm	----	7	Ci.-S. NW	Cu.-N.	10	Ci.-S.	Cu.-N. S
4	ESE	1	E	0	SSE	1	S	1	Calm	----	Calm	----	10	----	N.	10	Ci.-S.	Cu.-N.
5	Calm	----	Calm	----	SE	1	W	1	Calm	----	Calm	----	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. W
6	Calm	----	SE	0	S	1	SSW	1	Calm	----	SW	1	8	Ci.-S. SW	Cu.-N. W	9	Ci.-S.	Cu.-N. S
7	SW	1	S	2	SSW	1	NNW	1	Calm	----	Calm	----	6	Ci.-S. SW	Cu.-N. NE	5	Ci.-S.	Cu.-N. S
8	Calm	----	Calm	----	NE	1	N	1	Calm	----	Calm	----	7	Ci.-Cu.	Cu.-N. NE	8	Ci.-Cu. N	Cu.-N. N
9	Calm	----	Calm	----	Calm	----	NW	0	Calm	----	NE	1	9	Ci.-S.	Cu.-N. NE	10	Ci.-S.	N. NE
10	NNE	1	Calm	----	W	0	NE	1	Calm	----	Calm	----	9	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu.-N. N
11	Calm	----	Calm	----	ENE	1	NE	1	NE	1	Calm	----	7	Ci. SW	Cu.-N. E	5	Ci.-S.	Cu. E
12	NNE	1	Calm	----	NE	1	NE	1	Calm	----	Calm	----	2	Ci.	S. E	2	----	Cu. E
13	ENE	2	Calm	----	N	2	NNE	1	Calm	----	Calm	----	4	Ci.-S. SE	Cu. E	3	Ci.	Cu. NE
14	Calm	----	Calm	----	N	1	N	2	NE	0	NE	1	5	Ci.	S.	3	Ci.	Cu. NE
15	Calm	----	Calm	----	N	1	NNW	1	Calm	----	Calm	----	6	Ci.-S.	Cu.-N. NE	7	Ci.-S.	Cu.-N. N
16	WNW	2	W	1	W	1	WNW	1	Calm	----	Calm	----	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. N
17	Calm	----	Calm	----	SW	1	SW	1	WSW	1	Calm	----	8	Ci.-S.	N.	8	Ci.-S.	Cu.-N. W
18	SW	2	S	2	SW	1	SSW	1	Calm	----	SW	1	8	Ci.-S.	Cu.-N.	8	Ci. NE	Cu.-N. S
19	SSW	1	S	1	SSW	1	Calm	----	Calm	----	Calm	----	2	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. W
20	Calm	----	Calm	----	NW	1	N	1	Calm	----	Calm	----	2	Ci.	S.	1	----	Cu.
21	Calm	----	Calm	----	NW	1	NW	1	Calm	----	Calm	----	4	Ci.-S.	Cu. E	2	Ci.	Cu.
22	Calm	----	Calm	----	N	1	NW	1	Calm	----	W	1	3	Ci.	Cu.-N.	2	Ci.	Cu.-N. N
23	NNW	2	WNW	2	W	1	WSW	1	W	1	W	2	10	Ci.-S.	Cu.-N. N	10	----	N. NW
24	WSW	2	Calm	----	SW	1	W	1	Calm	----	Calm	----	8	Ci.-S.	N.	10	----	Cu.-N. E
25	Calm	----	Calm	----	ENE	1	NE	1	Calm	----	Calm	----	8	Ci.-S.	Cu.-N. SE	2	Ci.	Cu. S
26	Calm	----	Calm	----	NE	1	NE	1	NE	1	NE	2	10	----	N.	5	Ci. SE	Cu. E
27	NNE	3	NE	2	NE	2	NE	1	N	1	N	2	8	Ci.-S.	Cu.-N. E	5	Ci. SE	Cu.-N. E
28	ENE	2	NE	2	E	1	ENE	1	E	0	Calm	----	8	Ci.-S.	Cu.-N.	10	Ci.-S. NE	Cu.-N. SE
29	Calm	----	Calm	----	E	1	NNE	1	Calm	----	Calm	----	8	Ci.	S.-Cu.	7	Ci.-Cu. SE	Cu.-N. S
30	Calm	----	Calm	----	E	1	NE	1	Calm	----	NE	1	10	----	N.	8	Ci.-S.	Cu.-N. S
31	Calm	----	SE	1	E	1	ENE	1	Calm	----	Calm	----	8	Ci.-S.	Cu.-N. SE	5	Ci.-S.	Cu. SE
Mean	------	0.7	------	0.5	------	1	------	0.9	------	0.2	------	0.4	6.8	------	------	6.8	------	------

CAPIZ.

[φ=11° 35′ N ; λ=122° 45′ E ; barometer above sea, 6 meters ; gravity correction not applied, —1.81 mm.]

NOVEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.08	59.38	60.69	58.44	58.44	60.01	25.9	25.4	29	29.6	27.8	25.4	30.5	------	93	93	80	81	88	92	5.6
2	58.70	59.35	60.21	58.23	58.04	59.50	25	24.6	28.6	28.5	27.5	27.1	29.7	------	93	96	83	83	84	85	------
3	58.12	58.72	59.89	57.18	58.01	59.03	26.5	26	29.3	30.3	27	26.8	30.9	------	88	91	80	79	90	90	------
4	57.38	57.97	59.22	56.70	57.14	58.51	26.7	26.5	29.2	27.7	26.5	26	30.6	------	90	90	83	83	89	89	9.7
5	57.93	58.11	58.40	56.28	56.65	57.52	26.4	26.6	27.8	28.9	27.8	27.5	29.5	------	87	87	82	83	83	84	20.8
6	56.42	54.68	55.66	51.24	47.42	43.50	26.6	26	25.5	26.4	25	------	27.8	------	89	92	81	83	96	------	(a)
7	50.72	53.57	55.65	54.45	55.42	57.25	------	23	24	23.5	24.2	23	26.2	------	------	92	87	83	85	94	------
8	55.43	56.76	57.97	55.53	56.78	58.51	22.9	23.5	28.4	29.2	26.7	25.5	31.4	------	97	96	85	85	92	95	------
9	58.23	58.65	59.20	57.87	58.35	60.23	24.3	24.2	28.7	28	25.7	24.2	30.1	------	99	98	85	88	88	97	------
10	57.19	58.62	60.79	58.66	58.88	60.52	24.1	24	27.2	29	26.5	26.3	29.6	------	97	96	85	81	90	93	------
11	59.91	60.28	61.24	59.19	58.93	60.41	23.7	23.5	27.3	28.5	27.6	26.3	29.3	------	93	92	87	85	91	91	------
12	58.59	59.51	60.98	58.54	59.26	60.97	26.1	26	28	29.4	27.9	26.3	30	------	91	90	85	79	88	92	------
13	59.01	59.37	60.45	58.31	58.98	59.62	26	26.2	28.3	26.5	26.2	26.2	29.5	------	96	96	79	92	94	94	------
14	58.73	57.11	57.97	54.84	54.05	53.36	26.4	26.8	25.5	24.5	23.4	23.1	27.1	------	87	84	94	95	96	96	------
15	52.42	52.88	54.53	53.03	53.88	55.34	23.1	23	26.1	26.1	25.1	24	29.4	------	96	96	88	92	94	95	------
16	54.84	55.25	56.29	54.69	55.86	57.25	23.7	23.5	28.9	29.1	26.6	24.8	30.9	------	96	96	82	81	87	93	------
17	55.92	56.24	57.41	55.44	56.52	58.09	24.4	24	29.4	31.3	26.8	25	32	------	93	93	79	70	92	97	------
18	56.42	56.69	58.03	56.20	57.07	58.21	24.2	23.8	27	28.9	27.2	25.2	31.8	------	97	97	84	71	87	92	------
19	57.40	57.64	58.02	55.99	56.41	57.97	24.9	24.6	29	29.7	28	26.2	30.5	------	92	94	76	70	88	89	------
20	56.42	57.29	58.53	56.16	57.53	59.12	23.8	24	29.8	29.2	26.3	25.2	30.2	------	93	96	76	82	92	92	------
21	58.05	58.23	59.80	57.80	59.08	59.97	24.5	24.2	27.9	28.5	25	24.2	30.5	------	92	94	92	84	90	90	------
22	58.85	59.13	60.21	57.78	58.59	59.95	22.8	23	28.1	29.7	27.5	26.6	30.2	------	99	96	85	80	92	92	------
23	57.97	58.80	·59.89	57.44	58.10	59.59	25.1	24.9	28.4	29.2	28.5	26.8	29.9	------	98	97	83	78	86	93	------
24	57.91	58.54	60.08	57.81	57.95	59.44	25.8	25.6	28.1	29.9	27.6	26.4	30.9	------	96	94	84	81	91	96	------
25	57.79	58.73	60.28	58.31	58.60	59.30	26	25.6	28.8	28.3	26.3	26	29.8	------	98	94	82	80	89	88	------
26	58.09	58.47	59.96	57.84	58.06	59.03	25.6	25.5	28.5	29	27	25.9	29.9	------	93	94	84	88	92	92	------
27	58.61	58.23	59.90	58.26	58.82	59.62	25.8	26.1	26.4	26.9	26.2	25.6	28.5	------	93	92	92	86	92	92	------
28	58.99	59.04	60.49	58.74	58.48	59.61	25	25.3	28.3	28.5	27.3	26.2	29.4	------	96	93	79	84	90	90	------
29	58.52	59.15	60.84	59.17	58.90	60.07	25.5	25.2	28.5	29.5	26.6	26.3	30.2	------	92	90	83	85	91	92	------
30	59.11	59.49	60.93	58.91	59.13	60.51	25.9	26	27.7	28.4	26.1	25.6	29.6	------	93	92	86	86	87	88	------
Mean	57.42	57.86	59.12	56.97	57.31	58.40	25.1	24.9	27.9	28.4	26.6	25.6	29.9	------	93.7	93.4	83.7	82.6	89.8	91.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	N	1	NNW	1	NNE	1	NE	1	3	Ci.-S.	S.	3	Ci.	Cu. E
2	NNE	1	Calm	----	N	1	NNE	1	NNE	1	NNE	1	7	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. NE
3	N	1	N	1	N	1	NNW	1	E	1	Calm	----	5	Ci.-S.	Cu.-N. NE	6	Ci.-S.	Cu.-N. NE
4	NE	1	N	1	NE	1	NW	1	Calm	----	N	1	5	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. NE
5	ENE	1	NE	2	N	1	N	1	NW	1	NW	3	10	--------------	N.	9	Ci.-S. SE	Cu.-N. NE
6	NW	4	N	3	N	2	NW	3	NW	5	WNW	9	10	--------------	N.	10	--------------	N.
7	SW	2	N	1	SE	0	S	0	Calm	----	Calm	----	10	--------------	N.	10	--------------	N.
8	Calm	----	Calm	----	SE	1	W	1	Calm	----	Calm	----	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. S
9	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	7	Ci.	S.	9	Ci.-S.	N.
10	Calm	----	Calm	----	ESE	1	NE	1	N	1	Calm	----	9	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N. NE
11	SE	1	S	1	S	1	NE	1	Calm	----	NE	1	10	--------------	N.	7	Ci.-S.	Cu.-N. E
12	NE	1	NE	1	NE	1	N	1	Calm	----	NE	1	8	Ci.-S.	Cu.-N. NE	6	Ci.-S.	Cu.-N. S
13	NE	1	NE	1	NE	1	NE	1	Calm	----	NE	1	6	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N.
14	NNE	2	NE	1	N	2	W	3	NW ?	3	wsw ?	4	10	--------------	N.	10	--------------	N.
15	SW	1	Calm	----	S	1	NW	1	Calm	----	Calm	----	10	--------------	N.	10	--------------	N.
16	SE	1	SE	1	S	1	S	2	S	1	Calm	----	4	Ci.	S.	7	Ci.-Cu. SE	Cu. S
17	Calm	----	Calm	----	SSE	1	S	1	Calm	----	Calm	----	3	--------------	S.	7	Ci.-Cu.	Cu. SW
18	SE	1	S	2	SSE	1	S	1	S	0	Calm	----	5	Ci.-S. SE	S. NE	10	--------------	Cu.-N. SE
19	SE	1	Calm	----	SSW	1	NNW	1	Calm	----	Calm	----	7	Ci.-S.	S.	7	Ci.-S.	Cu.-N. SW
20	Calm	----	Calm	----	S	1	NE	1	Calm	----	Calm	----	2	Ci.	S.	7	Ci.	Cu.-N. SE
21	Calm	----	Calm	----	Calm	----	NE	1	SE	2	Calm	----	4	Ci.-Cu.	Cu.-N. SE	5	Ci.-S.	Cu.-N. SW
22	Calm	----	Calm	----	NE	1	NE	1	Calm	----	Calm	----	3	Ci.	S.	2	Ci.	Cu.
23	Calm	----	Calm	----	NE	1	NE	1	Calm	----	Calm	----	10	--------------	N.	2	--------------	Cu.
24	Calm	----	ENE	1	NE	1	NE	1	Calm	----	NE	1	6	Ci.-S.	Cu.-N. E	3	Ci.-S.	Cu.
25	NE	2	NE	1	NE	1	NE	1	NNE	2	NE	2	3	Ci.	Cu.-N. NE	7	Ci.-S.	Cu.-N. NE
26	NNE	1	NE	1	NE	1	NE	1	ENE	2	NNE	2	7	Ci.-S.	Cu.-N. NE	7	A.-Cu. SE	Cu.-N. NE
27	NE	2	NE	2	NE	1	NE	1	Calm	----	NE	1	6	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. NE
28	NE	1	NE	2	NNE	2	NNE	1	Calm	----	NE	1	8	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. NE
29	NE	1	NE	1	NE	1	NE	1	NW	1	NE	1	5	Ci.-S.	S.-Cu. NE	4	Ci.-S. NE	Cu. E
30	NE	1	NE	1	NE	1	NNE	2	NE	2	NE	3	6	Ci.-S. SE	Cu.-N. NE	9	Ci.-S.	Cu.-N. NE
Mean	-------	0.9	-------	0.8	-------	1	-------	1.2	-------	0.8	-------	1.1	6.6	--------------	--------------	7.2	--------------	--------------

[a] The raingauge of this station was destroyed during a typhoon on November 6.

CAPIZ.

[ϕ=11° 35′ N ; λ=122° 45′ E ; barometer above sea, 6 meters ; gravity correction not applied, —1.81 mm.]

DECEMBER, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.39	59.57	60.57	59.01	59.09	59.86	25.3	25.7	27.1	27	26	25.6	------	------	90	89	88	86	97	98	------
2	58.82	59.09	60.24	57.80	57.56	58.56	25.6	25.8	28.5	28.5	27.1	27	------	------	95	93	84	88	90	90	0.5
3	57.02	57.28	58.71	56.32	57.17	57.98	26.2	25.9	28.5	28.1	26.2	26.1	------	------	94	94	88	88	94	94	------
4	56.52	56.03	57.16	55.64	55.43	56.61	26.4	26	27.9	28.2	26.6	26.4	------	------	92	92	82	86	87	89	------
5	55.99	56.37	58.04	56.61	57.44	58.41	25.7	25.5	28	28.1	25.6	25.4	------	------	89	88	83	80	84	85	------
6	57.03	57.75	58.89	56.60	56.83	58.76	25.2	25	27	27.5	26.6	26	------	------	87	88	84	84	89	92	1.3
7	56.61	57.24	58.88	56.80	57.32	58.67	25.7	25.9	26.9	27	26	25.6	------	------	94	93	89	88	88	88	------
8	57.53	56.84	57.92	55.85	56.82	58.06	25.6	24.5	26.8	27.6	26.1	25.6	------	------	88	89	89	87	86	90	2.3
9	57.43	57.33	58.52	56.75	57.05	58.08	25.3	25	27.2	27.9	26.2	25.9	------	------	93	96	88	88	88	87	------
10	57.83	57.18	58.47	56.46	56.88	58.08	24.7	24.2	27.9	28	26.7	25.7	------	------	92	93	87	86	90	91	14
11	58.11	57.28	59.07	56.71	57.28	59.15	23.3	23.8	27.5	28	25	24.4	------	------	98	95	88	85	92	93	2.8
12	57.84	57.98	59.02	56.99	57.47	59.47	23.8	23.4	26.8	27.4	26.9	24.1	------	------	97	97	83	86	89	92	16.5
13	58.50	58.99	59.92	57.75	58.27	59.91	23.5	23.2	27	27.2	24.3	24.1	------	------	97	98	85	87	93	93	20.6
14	58.60	58.78	60.06	58.31	58.23	59.80	23.8	23.6	26.4	28.5	26.6	24.6	------	------	95	97	88	78	89	88	------
15	59.23	59.39	60.89	58.96	60.01	61.17	23.6	23	27.4	28.5	26.7	25.9	------	------	93	93	84	80	88	88	28.7
16	60	60.28	61.22	58.91	59.05	60.30	24.3	24	25.9	27.9	26.5	26.3	------	------	94	93	92	82	88	90	------
17	59.58	59.49	60.69	58.36	59.07	60.01	25.6	25	28	29	26.6	25.7	------	------	91	92	83	80	87	94	6.4
18	58.95	59.20	60.36	57.73	58.23	59.66	25.1	24.4	24.8	26.9	26	25.8	------	------	94	94	93	83	84	85	5.1
19	58.19	58.85	60.32	58.19	58.62	59.23	25.2	25	25.4	25.3	25.4	25.2	------	------	90	92	80	84	98	98	27.2
20	57.59	57.45	58.25	55.43	56.20	57.26	22.6	23	24	25	25.2	25	------	------	98	98	95	94	94	95	23.1?
21	56.31	56.43	57.76	56.06	56.57	57.69	25.7	25.5	26.8	26.8	26.3	25.9	------	------	96	96	90	87	86	89	------
22	56.82	56.98	58.09	56.44	57.04	57.52	25.6	25.4	25.1	26.2	26.2	24.9	------	------	92	93	98	90	90	95	60.7
23	57.59	58.47	59.72	57.77	58.42	60.09	24.6	23.9	26	28	26.2	25.7	------	------	98	97	90	88	92	93	30.5
24	59.20	59.59	61.37	59.61	59.87	60.78	24.7	24.4	25.4	24.8	25.3	25.2	------	------	93	92	92	82	93	98	2
25	60.06	60.62	62.32	60.09	60.16	61.86	25.3	24.6	26.6	26.9	26	25.8	------	------	97	92	86	85	87	88	------
26	60.33	60.88	62.25	60.98	61.76	62.73	25.4	25	25.9	24.9	25	24.5	------	------	87	88	86	84	97	97	12.7
27	62.30	62.22	63.83	62.22	62.48	63.71	24.2	23.5	24.8	24.9	24.8	25	------	------	97	97	95	89	89	92	15.2
28	62.43	62.12	63.25	61.46	61.41	62.46	24.8	24.8	25.5	27.5	26.1	25.7	------	------	93	93	93	87	88	88	.8
26	61.70	61.43	62.67	60.80	60.42	61.39	25.2	24.2	27.1	27.9	26.5	26	------	------	90	97	83	84	88	90	------
30	60.10	60.27	60.91	58.76	58.75	60.29	25.4	25.2	27.6	28.5	26.5	25.7	------	------	91	92	83	83	92	93	------
31	59.33	59.16	60.01	57.90	58.14	59.11	25.3	25.2	27	28	25.6	25.2	------	------	94	94	88	88	91	93	------
Mean	58.61	58.73	59.98	57.98	58.36	59.57	24.9	24.6	26.7	27.3	26	25.5	------	------	93.2	93.4	87.6	85.4	89.9	91.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	270.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	NE	2	NNE	2	NNW	2	NE	1	NE	1	6	Ci.-S. NE	Cu.-N. NE	8	Ci.-S. NE	Cu.-N. N
2	NE	1	NE	1	NNE	1	NNW	1	NE	1	NE	1	6	Ci. E	Cu.-N. NE	7	Ci.-S. SE	Cu.-N. NE
3	NE	1	NE	1	NE	1	NW	1	NE	2	NE	2	6	Ci.-S.	Cu.-N.	5	Ci.-S. NE	Cu.-N. N
4	NE	1	NE	1	NNE	2	NNE	1	NE	1	NE	2	6	Ci.-Cu. NE	Cu.-N. E	6	Ci.-S.	Cu.-N. NE
5	NE	1	NE	1	NE	1	NE	1	NE	2	NE	3	6	Ci.-S. NE	S.-Cu. NE	8	Ci.-S.	Cu.-N. NE
6	NNE	3	NE	2	NE	2	NNW	2	NE	2	NE	2	6	Ci.	S.-Cu. NE	10	Ci.-S.	N.
7	NNE	2	NNE	2	NW	1	NNW	1	NE	1	NE	2	9	Ci.-S.	Cu.-N. N	10	Ci.-S.	Cu.-N. NE
8	NE	2	N	2	N	1	NNW	1	NW	1	NE	1	8	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N. NE
9	NE	1	Calm	----	NE	1	NE	1	NE	1	Calm	----	6	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E
10	Calm	----	Calm	----	SE	1	NE	1	Calm	----	Calm	----	8	Ci.-S.	S.	5	Ci.	Cu.-N. NE
11	Calm	----	Calm	----	SW	1	E	1	Calm	----	Calm	----	6	Ci.-S.	N.	10	Ci.-S.	Cu.-N. NE
12	Calm	----	Calm	----	ESE	1	N	1	Calm	----	Calm	----	6	Ci.-S.	Cu.-N.	8	Ci.-Cu. NE	Cu. NE
13	Calm	----	Calm	----	N	1	NE	1	NW	1	Calm	----	8	Ci.-S.	Cu.-N. NE	5	Ci.-S.	Cu.-N. NE
14	Calm	----	Calm	----	NE	1	ESE	1	Calm	----	Calm	----	9	Ci.-Cu.	N.	5	Ci.-Cu.	Cu.-N. NE
15	Calm	----	Calm	----	NE	1	NW	1	NNW	1	Calm	----	4	Ci.	S.-Cu.	3	Ci.	Cu.
16	Calm	----	Calm	----	N	1	NW	1	NNW	1	NW	1	5	Ci.-S.	Cu.-N.	3	Ci.	Cu.
17	Calm	----	Calm	----	NW	1	NNE	1	NW	1	NW	1	4	Ci.	S.	6	Ci.	Cu. NE
18	NE	1	ENE	1	NNW	7	NE	1	NNE	2	N	2	10	------------	N.	10	------------	Cu.-N.
19	NE	3	N	3	NE	3	N	3	NE	2	NW	3	10	------------	N.	10	Ci.-S.	N. NE
20	NE	3	NW	2	WNW	2	W	3	N	2	N	3	10	------------	N.	10	------------	N.
21	NE	3	NE	2	NNE	1	N	1	N	2	NNW	2	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
22	NNW	2	NW	2	NNW	2	N	2	NW	3	SW	2	10	------------	N.	10	Ci.-S.	Cu.-N. NE
23	SW	1	Calm	----	NW	1	NE	1	NNE	1	Calm	----	8	Ci.-S.	Cu.-N.	5	Ci.-Cu. E	Cu.-N. N
24	NE	3	N	1	N	1	NE	2	NE	1	NE	1	9	------------	Cu.-N. NE	10	Ci.-S.	Cu.-N. NE
25	N	2	N	2	NNW	1	N	2	NE	2	NE	2	5	Ci.-S.	Cu.-N. N	7	Ci.	Cu. NE
26	NE	2	NE	2	NE	2	NE	3	NE	1	NE	1	10	Ci.-S.	N. NE	10	Ci.-S.	Cu.-N. NE
27	NE	2	NE	2	NE	2	NE	1	NE	2	NE	1	8	Ci.	N.	10	Ci.-S.	N. NE
28	NE	1	NE	1	NE	1	NE	1	NE	1	NE	1	10	------------	Cu.-N. NE	7	Ci. NE	Cu.-N. E
29	Calm	----	Calm	----	NE	1	NE	1	NE	1	NE	1	1	------------	S.	5	Ci. NE	Cu. E
30	NE	1	NE	1	NE	2	NE	1	NE	0	Calm	----	6	Ci.-Cu.	S.-Cu.	6	Ci.-S.	Cu.-N. E
31	Calm	----	Calm	----	NE	1	NE	1	NE	1	NE	1	6	Ci.-S.	S.-Cu.	6	Ci.-S. NE	Cu. E
Mean	------	1.2	------	1	------	1.3	------	1.4	------	1.2	------	1.2	7.1	------------	------------	7.5	------------	------------

CALBAYOG.

[φ=12° 04′ N; λ=124° 36′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.80 mm.]

JANUARY, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs, beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.18	59.45	60.18	57.63	58.07	59.30	22	23	23.8	26	24	24.2	27.2	21.8	96	91	93	82	88	90	6.3
2	58.03	58.80	59.71	57.12	57.73	59.28	23	23.4	27.8	28	24.8	23.8	29.5	22.8	97	97	82	79	93	93	21.3
3	58.34	58.75	59.84	57.51	58.23	59.67	22.5	22.2	26	28	25	24	------	22	97	96	85	83	92	93	15
4	58.23	58.79	59.14	57.31	57.98	59.33	23	23	26.5	26.4	25.2	23.2	27.4	22.8	97	97	85	89	95	97	23.1
5	58.90	58.34	58.88	56.70	57.68	58.83	22.3	21.5	26.5	29.3	25.9	24	31.2	21	97	97	86	77	85	93	.5
6	58.09	58.68	59.16	57.09	58.09	58.91	24	23.8	27	28.9	26.5	24.5	30.3	23.5	93	95	84	76	80	92	------
7	58.03	58.44	59.10	57.34	58.61	59.42	23.8	23.8	28	28	25	24	29.2	23.1	93	93	76	80	92	97	8.6
8	59.10	59.45	60.49	58.09	59.31	60.32	23	23.5	28.8	28.8	25.5	23.5	30.2	21.7	98	92	73	69	88	94	2.3
9	60.05	60.23	60.94	58.91	60.04	61.12	22	21.5	28	30.1	24.8	24.5	31	21	95	95	73	64	93	94	6.6
10	60.98	61.07	61.87	59.13	59.77	60.96	23	23	27.2	30.2	26.5	24	30.5	21.5	97	97	75	61	71	83	------
11	60.73	60.09	60.91	58.69	59.32	60.79	------	------	------	------	------	------	------	20.5	------	------	------	------	------	------	------
12	60	60.10	60.19	57.86	58.52	59.73	------	------	------	------	------	------	------	20	------	------	------	------	------	------	------
13	59.26	59.40	59.66	57.21	58.03	59.48	21	20.5	27	30.5	26.4	22	31.7	20.2	93	95	81	67	78	95	------
14	59	59.98	60.65	58.69	59.95	60.99	21.2	20.9	27.4	29.7	26	23.2	30	20.4	96	95	71	60	73	93	------
15	60.76	61.21	62.01	60.37	61.19	62.03	22	21.4	27.2	26.5	24.5	23.5	29	20.4	95	93	65	71	71	77	.3
16	61.18	61.46	62.04	60.10	61.16	62.03	21.5	21.3	26.5	28	24.3	22	28.5	19.6	90	84	63	61	67	77	------
17	60.93	60.35	60.91	59.03	59.21	60.31	18	19.5	26	26.7	24	23	29	17.5	96	91	73	76	91	97	.8
18	59.70	59.58	60.14	58.69	59.52	61.09	20.8	21.3	26.5	31.4	25.6	24	------	20.5	94	97	88	67	87	93	.3
19	60.46	60.53	62.36	60.31	61.22	62.46	------	------	------	------	------	------	------	21	------	------	------	------	------	------	2.8
20	61.41	61.27	62.17	60.28	61.17	62.22	23	23	29	28.3	26.5	24.6	------	22	97	97	75	82	93	93	4.1
21	61.01	60.91	61.96	59.62	60.14	61.34	24	23.5	27	30.5	27	24.3	31	22.2	93	94	81	66	71	84	------
22	60.91	61.03	61.99	59.52	60.24	61.29	22	21.5	28	30.6	26	24	31.8	21	95	95	73	62	81	86	------
23	60.66	60.83	61.24	59.57	60.47	61.93	22.4	21.7	28	30.5	25.7	23.2	31.2	21	93	94	66	60	75	91	.3
24	60.92	60.56	61.17	58.91	59.53	60.92	22	21.8	27	25.5	26.2	23.2	30.5	20.7	95	93	75	88	72	93	3.3
25	60.33	59.96	60.91	58.81	59.48	61	------	------	------	------	------	------	------	21	------	------	------	------	------	------	1
26	60.38	60.57	61.12	58.99	59.52	60.79	------	------	------	------	------	------	------	21	------	------	------	------	------	------	------
27	60.02	60.16	60.54	58.76	59.47	60.02	22	21.5	28.5	29	24.7	24	29.8	20.8	95	95	68	68	92	93	2.8
28	59.78	59.49	60.04	57.46	57.96	59.09	------	------	------	------	------	------	------	22	------	------	------	------	------	------	------
29	58.13	58.32	59.46	57.06	58.03	59.86	22.5	22.5	26.7	28.7	25.5	23.5	29.2	22	96	96	74	63	77	89	1.8
30	59.09	59.38	60.04	58.21	59.03	60.21	21.5	21	26.8	28	25.5	22.8	29.7	20.5	95	93	71	69	72	89	------
31	59.50	59.78	60.69	58.84	59.92	60.87	21.5	21.7	27	29	24.7	21.2	29.5	19	92	87	65	69	70	93	------
Mean	59.78	59.90	60.63	58.51	59.31	60.50	22.2	21.7	27.1	28.7	25.4	23.5	29.9	21	95	94	76	71.6	81.9	90.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	101.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	N	1	E	2	N	1	N	1	9	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
2	N	1	N	1	E	1	N	1	N	1	N	1	8	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. NE
3	N	1	N	1	SE	1	W	1	N	1	N	1	8	Ci.-S.	S.-Cu. E	7	Ci. SE	Cu.-N. E
4	N	1	N	1	N	1	S	1	N	1	N	1	8	Ci. SE	S.-Cu. E	8	Ci.-S.	Cu.-N. NE
5	N	1	N	1	N	1	S	1	N	1	N	1	7	Ci. SE	S.-Cu. E	7	A.-Cu. SE	S.-Cu. E
6	N	1	N	1	NE	2	NE	1	N	1	N	1	8	Ci.-S.	Cu.-N. E	8	Ci.-Cu. E	S.-Cu. NE
7	N	1	N	1	E	1	S	1	N	1	NE	1	7	Ci. SE	S.-Cu. E	8	A.-Cu. SE	Cu.-N. NE
8	N	1	N	1	N	1	NE	2	N	1	N	1	6	Ci.	S.-Cu. E	7	A.-Cu. SE	Cu.-N. E
9	N	1	N	1	NE	1	E	1	N	1	N	1	3	Ci.-S.	S.-Cu.	8	Ci. SE	S.-Cu. E
10	N	1	NE	1	E	2	NE	2	N	1	N	1	7	A.-Cu. E	S.-Cu. E	7	Ci. SE	S.-Cu. E
11	N	1	N	1	NE	1	SE	1	N	1	N	1	4	Ci.-S.	S.-Cu.	4	A.-Cu. E	Cu. E
12	N	1	N	1	NE	1	W	1	N	1	N	1	3	------	S.-Cu.	5	A.-Cu.	Cu. E
13	N	1	N	1	NE	1	S	1	N	1	N	1	3	------	S.-Cu.	8	A.-Cu.	S.-Cu. N
14	N	1	N	1	NE	1	N	2	N	1	N	1	6	A.-Cu. NE	S.-Cu. NE	6	Ci.	S.-Cu. N
15	N	1	N	1	NE	2	E	2	NE	2	N	1	5	Ci.	S.-Cu.	7	A.-Cu. NE	S.-Cu. NE
16	N	1	N	1	NE	2	NE	2	N	1	N	1	8	Ci.-S.	S.-Cu. NE	7	Ci. NE	S.-Cu. NE
17	N	1	N	1	NE	3	NE	1	NE	1	N	1	5	Ci.	S.-Cu.	8	Ci.-S.	S.-Cu. NE
18	N	1	N	1	N	1	NE	1	N	1	N	1	6	A.-Cu. NE	S.-Cu. NE	9	Ci.-S.	Cu.-N. NE
19	N	1	N	1	NE	1	S	1	N	1	N	1	3	------	S.-Cu.	8	A.-Cu. E	S.-Cu. E
20	N	1	N	1	SE	1	NE	1	N	1	N	1	5	Ci.	S.-Cu. E	9	A.-Cu.	Cu.-N. E
21	N	1	N	1	NE	1	NE	1	N	1	N	1	9	Ci.-S.	S.-Cu. E	6	Ci. SE	S.-Cu. E
22	N	1	N	1	NE	1	NE	2	N	1	N	1	5	Ci. SE	S.-Cu. E	6	A.-Cu. SE	Cu. E
23	N	1	N	1	NE	2	NE	2	N	1	N	1	5	Ci. SE	S.-Cu. E	7	A.-Cu.	S.-Cu. NE
24	N	1	N	1	NE	1	SE	1	NE	1	N	1	7	Ci.	S.-Cu. E	9	Ci.-S.	Cu.-N. E
25	N	1	N	1	NE	1	S	1	N	1	N	1	4	Ci.-Cu.	S.-Cu.	7	A.-Cu. SE	S.-Cu. E
26	N	1	N	1	N	1	S	1	N	1	N	1	4	Ci.	S.-Cu.	6	A.-Cu. SE	S.-Cu. E
27	N	1	N	1	NE	1	NE	1	NE	1	N	1	4	Ci.	S.-Cu. E	8	Ci.-S.	Cu.-N. E
28	N	1	N	1	NE	1	S	1	N	1	N	1	5	A.-Cu.	S.-Cu. E	7	Ci. SE	S.-Cu. E
29	N	1	N	1	NE	1	NE	1	N	1	N	1	5	Ci.	S.-Cu. E	8	A.-Cu. NE	S.-Cu. NE
30	N	1	N	1	NE	2	NE	2	N	1	N	1	8	Ci.	S.-Cu. NE	7	A.-Cu. E	S.-Cu. E
31	N	1	N	1	NE	2	NE	2	N	1	N	1	5	Ci.	S.-Cu. E	7	A.-Cu. E	Cu. E
Mean	------	1	------	1	------	1.3	------	1.3	------	1	------	1	5.8	------	------	7.3	------	------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.80 mm.]

FEBRUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.67	59.78	60.67	58.24	59.20	60.36	18.5	18	27.5	30.8	26.5	23.5	31.5	17.5	95	96	64	60	70	87	------
2	59.35	59.65	60.51	58.71	59.41	60.39	21.2	21	28	30.5	27.3	23.4	------	20.5	96	96	68	66	76	88	------
3	59.38	59.28	60.06	58.36	59.36	60.32	21.7	21.7	27.5	27.5	27	25.5	30.2	20.8	97	96	73	82	77	84	0.3
4	59.31	60.21	61.20	59.72	60.71	62.01	24.5	23	28.8	30.4	26.2	23	30.8	21	87	91	68	63	72	91	------
5	61.49	62.33	63.02	60.89	61.89	62.54	20.8	19.2	27.7	30.7	26.2	24.5	31	18.8	93	94	60	55	69	79	------
6	61.71	62.26	62.21	60.48	61.75	62.75	23.5	21.2	29	31.5	24.5	23	------	20.7	79	91	58	47	87	95	2.5
7	62.70	62.63	63	61.36	62.36	63.36	22.8	22.5	27.5	27.2	25.5	21	29.9	20.3	93	92	60	63	65	95	------
8	62.37	62.78	62.96	61.39	62.24	62.86	22	23	27.3	28.4	26	23	29.2	20.4	88	83	66	61	69	83	------
9	61.81	62.91	63.22	60.91	62.04	63.03	20	20	27	29.5	25.5	21.5	30.5	19.8	98	98	75	61	78	95	------
10	62.53	62.76	63.05	60.71	61.91	62.81	20.3	20.3	27.5	29.5	25	21.8	30.5	20	97	97	65	55	74	96	------
11	61.97	62.18	62.94	60	61.16	62.19	22.2	21.7	28	29.8	25	23.2	31.2	21	95	94	62	60	80	90	10.9
12	61.58	61.63	63.06	60.83	61.08	62.46	23	22.7	24	24.2	23.8	23.4	24.5	22.3	91	94	90	91	90	91	9.4
13	61.38	61.46	61.41	60.09	60.79	61.81	22.5	21.5	27.7	25	24.5	23	------	21.3	92	95	73	88	87	97	15.5
14	60.77	60.86	61.67	59.24	60.54	61.56	22.5	22.5	26.3	26	24.3	23.4	26.5	22	97	97	85	81	94	93	11.9
15	60.08	60.14	60.94	59.09	59.86	60.88	20.8	22.4	28.3	29.3	26	22	30.5	20.5	94	93	74	80	75	95	1.5
16	59.83	60.23	61.04	59.53	60.04	61.01	22.8	23.5	26.7	25.5	25	24	27.6	21.4	93	92	83	93	90	91	4.3
17	59.99	59.95	60.94	59.63	59.91	60.91	23	22.5	29	25.5	25.5	24	29.6	22	97	96	71	89	89	91	5.3
18	59.98	60.46	61.09	59.13	59.23	60.50	22.5	22	25.7	28.8	24.8	24	29.8	21.5	96	96	89	76	93	93	9.7
19	59.73	59.83	60.97	59.15	60.02	60.89	23	22.8	29.5	26.5	26.4	24	31.5	22.5	97	98	72	85	87	93	.3
20	59.88	59.80	60.91	58.81	59.14	60.74	22.8	22.2	30.2	31.5	27	25	------	21.8	93	96	71	77	86	90	.5
21	60.26	60.36	60.34	58.26	59.26	60.86	23.4	23	29.3	30	27	24.2	------	22.5	97	97	73	71	84	95	------
22	60.16	60.66	60.89	58.66	59.11	60.77	23.5	23	29	31.5	28.5	24.4	------	22.7	96	97	67	69	78	91	------
23	60.03	60.18	60.91	59.18	59.94	60.83	23.9	22	28.2	26.5	25.3	22.5	------	21.3	91	96	76	93	93	96	22.9
24	59.85	59.85	60.55	58.61	59.17	60.45	21.5	20.7	28.5	31.4	27	22.5	------	20.3	95	97	71	66	81	96	------
25	59.95	60.37	60.96	58.96	59.81	61.52	------	------	------	------	------	------	------	19.5	------	------	------	------	------	------	------
26	60.51	60.66	61.31	59.62	59.96	61.77	------	------	------	------	------	------	------	21.8	------	------	------	------	------	------	.5
27	60.26	60.78	61.04	59.56	59.96	61.03	23	21.7	29.3	28	26	22.5	------	21.3	95	97	62	74	78	96	.8
28	59.75	59.85	60.69	58.62	59.09	60.30	------	------	------	------	------	------	------	20	------	------	------	------	------	------	------
Mean	60.58	60.85	61.48	59.56	60.32	61.46	22.2	21.8	27.9	28.6	25.8	23.3	29.7	20.9	93.7	94.8	71	72.2	80.9	91.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	96.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	NE	1	S	1	N	1	N	1	6	Ci. E	S.-Cu. E	7	A.-Cu. E	S.-Cu. E
2	N	1	N	1	NE	1	S	1	N	1	N	1	5	Ci.	S.-Cu. E	6	Ci. E	Cu. E
3	N	1	N	1	NE	1	SE	1	N	1	N	1	5	Ci.	S.-Cu.	8	Ci.	Cu.-N. E
4	N	1	N	1	NE	1	N	1	N	1	N	1	5	Ci.	S.-Cu. E	7	Ci. E	Cu. E
5	N	1	N	1	NE	1	NE	2	N	1	N	1	3	------	S.-Cu.	5	Ci.	Cu. NE
6	N	1	N	1	NE	1	NE	1	N	2	N	1	5	Ci.	S.-Cu. NE	7	Ci. SE	Cu. NE
7	N	1	N	1	NE	2	NE	2	N	1	N	1	4	Ci.	S.-Cu.	7	Ci. SE	S.-Cu. NE
8	N	1	N	1	NE	2	NE	2	N	1	N	1	8	A.-Cu.	S.-Cu. NE	8	Ci.	S.-Cu. NE
9	N	1	N	1	NE	1	NE	1	NE	1	N	1	5	A.-Cu.	S.-Cu.	7	Ci.	S.-Cu. NE
10	N	1	N	1	NE	1	NE	1	N	1	N	1	6	Ci.-S.	S.-Cu.	7	Ci. NE	Cu. NE
11	N	1	N	1	NE	1	NE	2	N	1	N	1	5	Ci.	S.-Cu.	7	A.-Cu.	Cu.-N. NE
12	N	1	N	1	NE	1	NE	1	N	1	N	1	8	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. NE
13	N	1	N	1	NE	1	NE	1	N	1	N	1	5	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. NE
14	N	1	N	1	NE	1	NE	1	N	1	N	1	9	Ci.-S.	Cu.-N.	8	Ci.-S. E	Cu.-N. NE
15	N	1	N	1	NE	1	S	1	N	1	N	1	8	Ci.	Cu.-N. NE	7	A.-Cu.	S.-Cu. NE
16	N	1	NE	2	Calm	---	NE	1	N	1	N	1	9	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. NE
17	N	1	N	1	NE	1	NE	1	N	1	N	1	5	A.-Cu. NE	S.-Cu. NE	8	Ci.-S.	Cu.-N. NE
18	N	1	N	1	NE	1	NE	1	N	1	N	1	7	A.-Cu.	Cu.-N. NE	8	Ci.-S.	Cu.-N. NE
19	N	1	N	1	NE	1	NE	1	N	1	N	1	5	Ci.	S.-Cu. NE	8	Ci.-S.	Cu.-N. NE
20	N	1	N	1	SE	1	SE	1	N	1	N	1	5	Ci.	S.-Cu.	6	Ci. E	Cu.-N. E
21	N	1	N	1	SE	1	SE	1	N	1	N	1	5	Ci.	S.-Cu.	8	Ci. E	Cu. E
22	N	1	N	1	NE	1	S	1	N	1	N	1	5	A.-Cu.	S.-Cu. NE	6	A.-Cu. E	Cu. E
23	N	1	N	1	SE	1	S	1	N	1	N	1	5	Ci.	S.-Cu. E	8	Ci.-S.	Cu.-N. E
24	N	1	N	1	NE	1	S	1	N	1	NNE	1	5	Ci. E	S.-Cu. E	6	Ci.	Cu. E
25	N	1	N	1	NE	1	S	1	NE	1	N	1	4	Ci.	S.-Cu.	5	Ci.	Cu. E
26	N	1	N	1	SE	1	S	1	N	1	N	1	4	Ci.-S.	S.-Cu.	5	Ci.	Cu. E
27	N	1	N	1	NE	1	NE	1	N	1	N	1	4	Ci.	S.-Cu.	6	Ci. E	Cu. E
28	N	1	N	1	NE	1	S	1	N	1	N	1	5	Ci.	S.-Cu.	6	A.-Cu. E	Cu.-N. E
Mean	------	1	------	1	------	1	------	1.1	------	1	------	1	5.5	------	------	7.1	------	------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.80 mm.]

MARCH, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.83	59.90	60.86	58.37	58.65	60.27	21.8	21.7	26.5	30.6	27	23.9	31.7	20	95	94	78	68	74	92	------
2	59.12	59.88	61.15	59.32	59.36	60.99	22	21.3	28	27.1	25.7	24.6	28.9	20.6	95	95	73	83	85	90	5.8
3	59.88	60.14	61.04	58.31	58.95	60.41	21.8	21.3	29.2	31.4	27.5	22.7	32.8	20.8	93	95	70	64	73	90	------
4	59.88	59.90	61.02	58.84	58.81	60.80	21	20.1	29.4	31.7	27.3	24.1	------	19.8	95	96	61	61	72	85	------
5	59.92	60.66	61.55	59.25	59.81	61.09	22.7	20.8	29	30.7	27.2	23.9	31.9	20.5	89	94	67	60	74	88	------
6	59.95	60.50	61.93	59.86	59.44	60.82	22.9	21.7	29.5	31.6	28	24.5	------	21.3	90	94	62	63	71	83	------
7	60.08	60.06	61.05	58.80	58.91	60.31	22.7	20.5	30	31.5	27.8	24.5	------	20.3	93	95	67	62	68	83	------
8	59.88	59.56	60.37	58.26	58.25	59.66	21.8	21.2	28.8	28.1	26.8	23.1	30	20.8	93	95	68	73	74	89	1.3
9	58.88	59.21	60.30	58.08	58.12	59.92	21.3	20.6	28.8	30.3	27.3	25.4	31.5	20.3	94	96	72	66	67	79	7.1
10	58.93	58.89	60.11	57.89	58.21	59.81	22.8	22.6	29.3	30.1	27.3	23.3	32.2	22	92	93	69	69	72	93	------
11	58.77	58.62	60.05	57.53	57.22	58.70	22	21.6	28.2	29.9	27.4	25.2	32.8	21.1	95	95	66	64	78	83	2.8
12	58.68	58.59	59.37	57.50	57.52	59.09	22.2	22.7	27.7	29.6	26.5	22.9	32.1	21.5	96	97	79	70	77	92	.8
13	58.98	59.14	60.05	58.15	58.91	60.73	21.6	21.4	28.2	26.3	24.4	23	31.5	20.7	93	93	66	79	89	93	5.8
14	59.88	59.85	60.71	59.17	59.43	60.90	22.1	22	27.2	24.6	26	24.3	29	21	95	95	79	92	85	91	7.6
15	59.95	60.05	61.16	59.21	59.61	60.83	23.5	23.2	27.7	28.8	26.4	24.1	29.6	22.9	95	96	75	71	78	89	1.3
16	59.75	59.98	60.36	58.36	58.25	60.17	22.9	22.6	28.6	26.6	26.4	24.3	31	22.3	90	90	72	84	82	89	31
17	58.89	59.40	60.28	58.08	58.69	60.14	22.3	22.1	29	30	26.6	23.2	31	21.4	92	92	68	67	82	94	------
18	59.64	59.63	60.36	58	59.05	60.61	22.2	22.5	29	31	26.4	24.3	32.1	21.4	95	94	69	59	81	89	.8
19	59.52	59.45	60.51	58.65	59.07	60.91	23.2	23	27.8	25.1	26.5	23.8	30.7	22.7	95	94	74	84	77	93	15
20	59.57	59.28	59.89	58.09	58.21	59	22	22.1	26.3	26	25.7	23.1	28.8	21.4	95	96	85	86	84	94	14.5
21	57.90	57.76	58.11	56.04	56.28	57.83	22.7	22.5	27.6	27.7	24.9	24.6	30.1	22.2	94	95	74	75	89	91	2.5
22	56.92	56.68	57.13	55.10	55.83	56.61	24.2	24	27.1	29	25.1	24.8	29.9	23.7	92	93	88	81	95	93	37.6
23	56.08	56.74	58.41	57.67	57.60	59.40	24.8	24.7	26.7	24.1	24	23.6	28.5	23.2	92	91	83	97	96	97	32.8
24	58.68	58.61	59.99	57.81	58.26	60.60	22.5	22.1	28.9	30.3	27.7	23.8	31.9	21.6	94	95	76	68	76	90	------
25	60.31	60.15	61.63	59.96	59.62	62.04	22.1	23	28.6	25.9	26	24.4	29.9	21.7	96	93	73	89	92	94	10.7
26	61.51	61.46	62.03	60.23	60.66	62.54	23.2	22.8	28.9	28.1	25.3	25	32.5	22.5	95	95	74	78	89	89	1.3
27	61.85	61.78	62.65	60.15	60.80	62.52	23.6	23.5	28.1	30.3	27	24	31.8	22.8	93	93	73	73	74	91	.8
28	61.71	61.72	62.50	60.23	60.44	62.16	22.8	22	29.7	32.3	27.8	24.8	33.6	21.6	93	96	67	65	72	87	------
29	61.40	61.23	62.28	59.89	60.18	62.12	22.9	22.8	29.5	31.4	27.7	24.5	32.5	21.5	95	94	72	70	73	91	2
30	61.08	61.23	62	59.51	59.63	61.39	21.9	20.8	29.1	30.5	25.8	23.3	------	20.5	94	96	64	65	89	94	2.8
31	60.58	60.53	61.56	58.93	59.51	61.29	22	21.2	29.9	32	27.7	24.6	------	20.6	95	96	69	67	72	87	------
Mean	59.61	59.70	60.66	58.56	58.82	60.44	22.5	22.1	28.5	29.1	26.6	24.1	31.1	21.4	93.6	94.4	72	72.7	79.4	89.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	184.3

Day.	Wind.											
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*
1	N	1	N	1	NE	1	E	1	N	1	Calm	----
2	Calm	----	Calm	----	N	1	NE	2	N	1	N	1
3	N	1	Calm	----	NE	1	W	1	Calm	----	N	1
4	N	1	Calm	----	NE	1	W	1	N	1	N	1
5	Calm	----	Calm	----	NE	2	NE	2	NE	1	N	1
6	N	1	N	1	NE	1	W	1	N	1	NNE	1
7	N	1	Calm	----	W	1	W	1	NE	1	NE	1
8	N	1	NE	1	NE	1	NE	2	N	2	N	1
9	N	1	N	1	W	1	NW	1	NE	1	NE	1
10	N	1	N	1	NE	1	W	2	NE	1	N	1
11	N	1	N	1	NE	2	E	1	NE	1	N	1
12	NE	1	Calm	----	NE	1	W	1	N	1	N	1
13	NE	1	NE	1	NE	2	E	2	N	1	N	1
14	N	1	N	1	NE	2	NE	2	N	1	NE	1
15	N	1	N	1	N	1	NE	2	N	1	N	1
16	NE	1	NE	2	NE	1	W	1	Calm	----	N	1
17	N	1	N	1	NE	1	NE	1	Calm	----	Calm	----
18	N	1	N	1	NE	2	NE	2	NE	1	N	1
19	N	1	N	1	NE	1	E	1	NE	2	N	1
20	NE	1	Calm	----	NE	1	NE	1	NE	1	NE	1
21	N	1	Calm	----	NE	2	N	2	N	1	N	1
22	N	1	N	1	N	1	W	2	Calm	----	Calm	----
23	S	1	SE	2	SE	2	SE	2	ENE	1	N	1
24	N	1	N	1	ESE	2	E	2	E	1	Calm	----
25	Calm	----	Calm	----	SE	2	E	1	Calm	----	Calm	----
26	Calm	----	N	1	E	1	SE	1	NE	1	NE	1
27	NE	1	NE	1	E	1	SW	1	NE	1	N	1
28	N	1	N	1	NE	1	SW	1	E	1	N	1
29	N	1	N	1	S	1	SW	1	NE	1	N	1
30	Calm	----	N	1	NE	2	SW	2	N	1	N	1
31	NE	1	NE	1	S	1	SW	1	N	1	N	1
Mean	------	0.8	------	0.8	------	1.3	------	1.4	------	0.9	------	0.8

Day.	Clouds.					
	6 a. m.			2 p. m.		
	Amount.	Form and direction.		Amount.	Form and direction.	
		Upper.	Lower.		Upper.	Lower.
	0–10			*0–10*		
1	7	Ci.	S.-Cu. E	7	Ci.-S.	S.-cf. E
2	6	Ci.-S.	S.-Cu. NE	7	A.-Cu. E	S.-Cu.
3	5	Ci.	S.-Cu.	6	Ci.	Cu. E
4	6	Ci.-S.	------	6	Ci.	Cu. E
5	3	Ci.-S.	S.-Cu.	7	Ci.	Fr.-Cu. E
6	6	Ci.	S.-Cu. NE	8	------	Fr.-Cu. E
7	3	Ci.	S.-Cu.	8	Ci.-S.	Fr.-Cu. NE
8	7	Ci.-S.	S.-Cu. E	8	Ci.-S.	S.-Cu. E
9	6	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu. E
10	7	Ci.-S.	S.-Cu. E	8	Ci.-S.	N.-cf. E
11	7	Ci.-S.	------	7	Ci.-S.	S.-cf. E
12	10	Ci.-S.	N. NE	9	Ci.-S.	S.-Cu. E
13	6	Ci.-S.	S.-Cu.	10	Ci.-S.	N. E
14	7	A.-Cu. E	S.-Cu.	10	A.-Cu.	N. NE
15	9	A.-Cu. SE	S.-Cu.	10	Ci.-S.	S.-Cu.
16	8	A.-Cu.	S.-Cu. E	8	A.-Cu. SE	N. NE
17	6	Ci.-S.	Fr.-S.	8	Ci.-S.	S.-cf. NE
18	7	Ci.-S.	S.-Cu. NE	8	A.-Cu.	S.-cf. NE
19	6	Ci.-S.	S.-Cu. NE	8	A.-Cu.	S.-Cu. E
20	8	A.-Cu.	S.-Cu. E	10	A.-Cu.	N. NE
21	10	A.-Cu.	Fr.-N. NE	10	Ci.-S.	S.-Cu. N
22	10	A.-Cu.	N. N	10	A.-Cu.	Fr.-N. N
23	10	A.-Cu.	N. S	10	------	N. S
24	10	A.-Cu.	Fr.-S.	8	Ci.-S.	Cu. E
25	7	Ci.-S. S	S.-Cu.	9	A.-Cu.	N. E
26	4	Ci.-S.	S.-Cu.	8	------	S.-Cu. E
27	7	------	S.-Cu. E	6	------	S.-Cu. E
28	3	Ci.	S.-Cu.	6	Ci.	Cu. E
29	4	Ci.	S.-Cu.	6	Ci.-S.	Fr.-Cu. E
30	1	Ci.-S.	------	8	------	S.-cf. E
31	1	------	S.-Cu.	7	------	Cu. E
Mean	6.4	------	------	8	------	------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.80 mm.]

APRIL, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.20	60.50	61.40	59.20	59.75	61.73	23.8	22.7	28.9	29.2	27.3	24.1	30.7	22.2	------	------	------	------	------	------	------
2	60.48	60.26	61.50	59.34	59.91	61.60	22.6	21.5	30.1	32.5	27.7	25.4	33.4	21.2	92	95	65	58	76	88	------
3	60.61	60.81	61.52	59.30	60.03	61.89	24	22.7	29.8	30.7	27.2	25.9	32	22.4	91	95	67	70	78	83	1.5
4	60.92	60.70	61.86	59.42	59.81	61.52	24.3	23.2	30.8	32	28.2	25.5	32.9	22.8	88	94	65	66	81	88	------
5	60.63	60.64	61.29	59.47	59.19	60.80	23	21.6	29	29.9	26.8	24.4	31.5	21.4	94	96	74	72	85	87	------
6	59.94	60.04	60.81	58.53	57.81	59.40	22	21.3	28.2	30.7	28.4	24.1	31.5	21	94	96	76	64	72	90	------
7	58.86	59.34	60.38	57.81	57.14	59.40	22	21.1	29.3	30	28.8	25.1	31.4	20.9	95	97	70	68	68	89	------
8	59.26	59.73	60.53	58.47	58.45	60.57	22.8	21.9	29.7	30.9	29.8	25.5	31.6	21.6	93	95	67	65	69	80	------
9	60.66?	60.78	61.25	58.70	59.28	61.02	22.9	21.8	28.6	31	28.6	25.3	31.5	21.5	91	94	71	65	73	78	------
10	60.65	60.66	61.09	58.85	59.38	60.74	22.3	22.1	29.3	30.8	29.5	24.9	32	21.5	94	94	70	67	69	85	------
11	60.41	60.59	60.96	59.27	59.69	61.25	22.9	22	30.6	30.5	28.6	24.7	32.1	21.5	92	94	65	65	74	88	------
12	61.22	60.97	61.43	59.38	60.05	61.07	22	21.6	29.1	30.6	27.9	25	31.9	20.9	91	92	71	67	71	88	------
13	60.17	60.36	60.72	58.61	58.96	61.05	23.8	24.1	31.3	30.7	27.1	24.7	31.9	23.2	94	92	64	67	83	92	1
14	59.47	59.75	59.93	58.20	59.30	60.69	23.3	23.5	29.9	26.8	27.4	24.3	31.5	22.9	95	94	70	85	81	92	5.6
15	59.67	59.69	60.20	57.81	58.65	60.04	24	23.2	29.8	30.4	25.7	24.5	31.1	22.9	93	95	68	68	91	94	1.3
16	59.08	59.03	59.49	57.91	58.57	60.07	23.2	22.5	29.5	29.4	26.3	24.5	31.3	22.2	96	96	72	73	86	93	------
17	59.04	59.59	60.30	57.97	57.91	60.40	22.7	21.5	30.7	31.4	29.1	23.8	32.1	21.1	95	97	65	66	75	92	------
18	59.54	59.82	60.78	59.28	59.24	60.85	22	21.1	28.8	25.3	24.9	23.9	30.9	20.5	96	98	73	92	92	95	8.1
19	59.65	60.16	60.54	58.28	57.93	59.49	22.2	22.1	29.1	28.6	27.7	24.2	31.5	21.5	96	96	76	77	82	94	1
20	58.43	59.31	59.56	57.69	57.97	59.92	21.9	21.5	29.3	30.5	26	24.9	31.9	21.3	95	95	73	71	87	92	------
21	58.93	59.63	60.31	58.06	58.33	59.97	22.2	21.4	29.4	30.4	29.5	24.3	31.5	21.2	95	96	72	67	70	89	------
22	59.16	60.09	60.39	58.19	58	59.89	21.4	21	29.6	31.8	29.1	25.4	32.4	20.5	95	95	70	64	71	87	------
23	59.43	59.69	59.93	58.05	57.96	59.52	22.2	21.8	29	31.5	29	25.2	32.1	21.4	96	97	71	65	72	88	------
24	59.08	59.65	59.90	57.80	58.18	59.69	22.4	21.8	29.9	30.7	29.5	25.7	31.7	21.3	96	96	69	66	68	81	1.8
25	59.32	59.57	60.10	58.01	58.41	60.60	22.2	21	29.6	30.3	28.5	26	31.7	20.8	94	96	70	67	75	85	------
26	59.53	59.86	60.33	57.24	57.73	60.01	22	21.6	29.9	31	29.4	25.7	32.1	21.2	94	95	64	63	70	86	------
27	59.32	59.36	59.89	57.80	57.36	59.79	22.8	22.7	30	31.4	28.8	26.5	32.5	21.9	95	95	66	69	76	86	------
28	58.86	59.12	59.66	57.45	57.56	59.43	23.7	22.5	29.9	30.8	27.5	25	32.6	22.3	93	96	71	67	87	92	.5
29	57.85	58.93	59.48	57.36	57.92	59.38	22.4	22	30.1	31.5	30.5	25.5	32.4	21.5	95	95	64	56	58	86	------
30	58.43	58.66	59.61	57.78	57.95	59.99	23	22.4	30	30.6	27.2	25.3	32.4	22.2	94	96	70	65	83	89	------
Mean	59.63	59.91	60.50	58.37	58.61	60.39	22.7	22	29.6	30.4	28.1	25	31.9	21.6	93.9	95.2	69.3	68.1	76.7	88.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	20.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
2	N	1	N	1	S	1	E	1	Calm	----	N	1	2	------	S.-Cu.	6	------	Cu. E
3	NE	1	N	1	E	1	NW	1	NE	2	N	1	1	------	S.-Cu.	8	------	Cu. E
4	N	1	N	1	SW	1	NW	2	NE	2	N	1	1	------	S.-Cu.	6	------	Cu. E
5	N	1	N	1	S	1	W	2	E	1	N	1	1	------	S.-Cu.	3	Ci.	Cu.
6	NE	1	N	1	S	1	W	1	Calm	----	N	1	1	------	S.-Cu.	1	------	Cu.
7	NE	1	N	1	S	1	W	2	Calm	----	Calm	----	5	------	S.-Cu. NE	1	------	Cu.
8	N	1	NE	1	S	2	SW	2	S	2	SE	1	1	------	S.-Cu.	1	------	Cu.
9	NE	1	N	1	S	2	SW	2	NE	1	E	1	1	------	S.-Cu.	1	------	Cu.
10	NE	1	NE	1	S	1	W	2	W	1	NE	1	1	------	S.-Cu.	1	------	Cu.
11	N	1	N	1	S	1	W	2	N	1	N	1	1	------	S.-Cu.	3	Ci.	Cu.
12	N	1	N	1	SW	1	W	2	NE	2	N	1	1	------	S.-Cu.	5	------	Cu. E
13	NE	1	NE	1	E	1	W	1	E	1	NE	1	4	Ci.-S.	S.-Cu.	8	------	S.-cf. E
14	N	1	NE	1	S	1	NE	1	E	1	N	1	6	------	S.-Cu. E	8	A.-Cu.	Cu.-N. E
15	Calm	----	Calm	----	SW	2	W	2	N	1	N	1	9	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. SE
16	NE	1	N	1	Calm	----	N	1	NE	1	N	1	2	Ci.	S.-Cu.	8	Ci.	Cu.-N. E
17	N	1	NE	1	SE	2	SW	2	NE	1	NE	1	3	Ci.	S.-Cu.	6	Ci.	Cu. E
18	NE	1	N	1	S	1	N	1	NE	1	N	1	3	Ci.	S.-Cu.	9	A.-Cu.	N. E
19	N	1	Calm	----	SW	1	Calm	----	Calm	----	N	1	2	------	S.-Cu.	8	A.-Cu.	Cu.-N. NE
20	N	1	N	2	SW	1	W	2	N	1	N	1	1	------	S.-Cu.	5	------	Cu. E
21	N	1	NE	2	SW	2	SW	2	Calm	----	Calm	----	1	------	S.-Cu.	1	------	Cu.
22	N	1	N	1	SW	1	W	1	N	1	N	1	0	------	S.-Cu.	1	------	Cu.
23	N	1	N	1	S	1	W	1	NE	1	N	1	1	Ci.-S.	------	1	------	Cu.
24	NE	1	N	2	SW	2	W	2	NE	1	E	1	1	------	S.-Cu.	3	Ci.	Cu.
25	NE	1	NE	1	S	1	WSW	2	NE	1	Calm	----	5	Ci.	S.-Cu.	5	Ci.	Cu.
26	N	1	NE	1	S	1	SW	2	NE	1	N	1	2	Ci.	S.-Cu.	2	Ci.	Cu.
27	N	1	NE	1	S	1	S	1	NE	1	NE	1	1	------	S.-Cu.	3	Ci.-S.	Cu.
28	NE	1	N	1	S	1	W	2	NE	1	NE	1	3	Ci.	S.-Cu.	2	------	Cu.
29	N	1	N	1	S	1	W	2	Calm	----	Calm	----	0	------	S.-Cu.	1	------	Cu.
30	N	1	N	1	S	1	NE	2	E	1	N	1	3	Ci.	S.-Cu.	8	------	Cu.-N. E
Mean	------	1	------	1	------	1.2	------	1.6	------	0.9	------	0.9	2.2	------	------	4.2	------	------

CALBAYOG.

[ϕ=12° 04′ N ; λ=124° 36′ E ; barometer above sea, 4.1 meters ; gravity correction not applied, —1.80 mm.]

MAY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.65	58.56	59.18	57.52	58.15	59.53	22.7	22.5	30.5	26.7	26.3	24.3	31.2	21.9	94	94	66	88	90	93	0.3
2	58.60	58.87	59.73	58.27	59.05	60.67	24	23.9	30	27.3	26.8	24.8	32.2	22.5	94	94	70	83	90	90	------
3	59.69	59.46	59.70	57.78	57.97	59.21	23	22.8	30.7	31.5	26.8	25.2	32.3	22.2	96	97	69	68	94	92	12.7
4	58.24	58.86	59.50	58.41	58.12	59.37	23.4	23.1	30.2	26.1	26.2	24.3	31.5	22.5	95	96	70	93	93	95	22.4
5	58.15	58.39	59.15	57.10	57.25	58.71	23.1	23	30	30.5	26.8	25.6	32.1	22.7	96	96	75	68	86	91	------
6	57.78	57.69	58.74	57.20	57.10	58.44	24.1	23.8	30.7	25.7	28	25.5	32	23.5	95	96	72	92	82	92	10.4
7	57.41	57.83	58.39	56.98	57.22	58.32	24.1	23.8	30.4	25.8	26.5	24.9	31.7	23.4	95	96	73	90	90	95	7.9
8	57.59	57.69	58.50	56.78	56.94	58.43	24.1	23.8	29.9	29.3	28.2	26	31.5	23.5	97	97	73	76	80	92	------
9	57.82	58.19	59.28	57.34	58.46	60.25	25.5	25.2	26.4	25.2	25.8	24.1	27.4	23.6	95	93	91	95	93	93	31.2
10	59.08	59.65	60.24	58.46	58.53	60.90	23.4	23.3	30.1	30	25.7	24.7	32.1	22.5	94	92	75	73	93	93	4.6
11	59.88	59.84	59.88	58.55	58.77	60.83	23.2	23	30.2	29.7	26.2	24.9	31.6	22.7	97	97	70	72	94	94	6.9
12	59.52	59.23	60.01	58.27	58.57	59.85	24.3	24	29.6	30.3	26.3	24.4	31.6	23.5	94	95	72	71	90	93	1
13	58.64	58.71	59.30	57.65	57.85	59.43	22.9	22.5	29.7	30.5	26.6	24.3	32.1	22.3	96	96	72	69	84	95	------
14	58.70	58.74	59.16	57.44	57.86	59.77	22.6	22.4	30	31.8	27.2	25.8	32.6	22.1	97	96	71	62	87	92	------
15	58.99	59.25	59.19	57.20	57.48	59.79	24.1	23.7	30.6	32.2	30	25.8	33.1	23.4	96	97	68	63	71	89	------
16	58.67	59.18	60.10	58.62	58.19	59.95	23.9	23.5	29.2	24.5	24.2	23.7	31	23	96	96	73	82	94	96	17.3
17	58.90	59.51	59.98	57.85	58.74	60.69	22.6	22.5	29.5	30.8	26.9	25.5	31.7	22.3	97	97	75	69	88	93	------
18	59.33	59.52	60.34	58.17	58.81	60.75	23.9	23.8	30.3	31.6	26.6	24.9	32.5	23.2	96	95	70	64	83	92	------
19	59.64	60.06	60.59	58.32	58.13	59.32	23.5	22.7	30.5	28	29.6	24.8	32.6	22.5	97	97	66	82	74	89	7.9
20	58.69	58.96	59.25	58.26	57.90	59.65	22.2	22.9	30.5	24.8	25.6	24.1	31.9	21.8	96	96	68	91	90	93	3.6
21	58.73	58.80	59.26	58.30	58.91	60.35	23.2	22.7	30.1	26.6	26.5	24.7	31.2	22.5	95	97	72	91	91	94	3
22	59.88	59.78	60.03	58.53	58.45	61.23	23.6	23.7	29.9	31.4	30.4	25.3	32.6	22.5	95	96	71	69	72	96	5.3
23	60.56	61.07	61.09	59.18	58.98	60.65	23.7	23.5	30.5	31.7	29.8	25.6	32.6	23.1	96	95	72	65	71	92	------
24	59.78	59.96	60.25	57.56	57.97	59.22	24.1	24	29.1	32.3	26.8	25.7	33.9	23.5	96	95	79	62	94	94	29
25	58.66	59.02	59.48	57.22	57.56	58.98	24.1	23.9	30.6	31.9	27.7	24.7	33	23.4	96	95	72	65	83	94	------
26	58.13	59.03	59.29	57.10	57.60	59.56	23.6	23.5	30.8	31.6	28.9	24.2	32.5	23.3	97	97	72	65	80	95	11.4
27	58.69	59.08	59.25	57.28	57.70	59.72	23.7	23.9	30.2	30.7	27.9	25.2	32	23.5	97	97	73	72	84	93	------
28	58.22	58.80	59.11	56.88	57.19	58.87	24.1	23.9	30.9	32.1	28	26.4	33.1	23.5	94	95	71	68	86	86	------
29	58.49	58.63	59	57.20	58.71	58.44	24.1	23.8	30.9	31.5	24.9	23.7	32.9	23.5	96	97	68	66	92	95	5.8
30	57.20	57.04	57.71	56.44	56.61	58.23	23.4	24	29.4	27.7	27.7	25.1	30.6	23	97	97	76	90	84	93	8.1
31	57.34	57.25	58.06	56.10	56.85	59.16	23.4	23.3	30.3	30.9	28.9	25.3	32.4	22.7	94	94	70	70	74	94	------
Mean	58.70	58.92	59.44	57.68	57.99	59.62	23.6	23.4	30.1	29.4	27.2	25	32	22.9	95.7	95.7	72.1	75.3	85.7	92.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	188.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	Calm	----	S	1	N	1	Calm	----	N	1	2	Ci.	S.-Cu.	7	A.-Cu.	Cu.-N. E
2	N	1	N	1	SW	1	N	1	Calm	----	Calm	----	7	Ci.-S.	S.-Cu. E	7	A.-Cu.	Cu.-N. E
3	N	1	NE	1	S	1	SW	1	Calm	----	NE	1	2	Ci.	S.-Cu.	5	Ci.	Cu.-N. E
4	NE	1	N	1	S	1	Calm	----	NE	1	NE	1	2	Ci.	Cu.	9	A.-Cu.	N. E
5	N	1	Calm	----	SW	1	NW	1	NE	1	NE	1	6	Ci.-S. NE	S.-Cu.	6	Ci.	Cu.-N. E
6	NE	1	N	1	Calm	----	NE	1	Calm	----	NE	1	5	Ci.	Cu.	8	A.-Cu.	Cu.-N. E
7	N	1	N	1	SW	1	NE	1	Calm	----	N	1	7	Ci.-S.	S.-Cu. E	10	A.-Cu.	Fr.-N. E
8	N	1	N	1	S	1	Calm	----	Calm	----	Calm	----	6	Ci.-S.	Cu.-N.	8	A.-Cu.	Cu.-N.
9	Calm	----	Calm	----	NE	1	NE	1	Calm	----	NE	1	10	A.-Cu.	S.-Cu. S	10	A.-Cu.	Fr.-N.
10	N	1	NE	1	SE	1	SSW	2	NE	1	NE	1	6	Ci.-S.	Cu.	9	A.-Cu.	s.-cu. SSW
11	NE	1	NE	1	SW	1	W	1	Calm	----	N	1	7	Ci.-S. SE	S.-Cu.	8	Ci.-S.	Cu.-N. E
12	N	1	N	1	S	1	SW	2	NE	1	N	1	7	Ci.-S. SSE	S.-Cu.	6	Ci.-S. NE	Cu.
13	N	1	N	1	S	1	SW	1	N	1	N	1	3	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. E
14	N	1	N	1	S	1	S	1	N	1	N	1	3	Ci.	S.-Cu.	3	----------	Cu.
15	N	1	N	1	S	1	SW	1	N	1	N	1	0	----------	S.-Cu.	5	Ci.	Cu. E
16	N	1	N	1	NW	1	N	1	N	1	N	1	9	A.-Cu.	S.-Cu. E	10	A.-Cu.	Fr.-N. E
17	N	1	N	1	S	2	W	2	N	1	N	1	4	Ci.-Cu.	S.-Cu.	3	----------	Cu.
18	N	1	N	1	S	1	W	2	NE	1	N	1	2	Ci.	S.-Cu.	3	Ci.	Cu.
19	N	1	N	1	SW	1	NE	1	Calm	----	N	1	2	Ci.	S.-Cu.	6	----------	S.-cf. E
20	N	1	N	1	SW	1	N	1	N	1	N	1	2	Ci.	S.-Cu.	10	A.-Cu.	Fr.-N. E
21	NE	1	NE	1	S	2	E	1	N	1	N	1	2	Ci.	S.-Cu.	9	A.-Cu.	Fr.-N. E
22	N	1	N	2	SW	1	SW	2	S	2	NE	1	2	Ci.	S.-Cu.	3	----------	Cu. SE
23	N	1	N	1	SW	2	W	1	SE	1	N	1	2	Ci.-Cu.	Cu.	7	Ci.	Fr.-Cu. SE
24	N	1	NE	1	E	1	N	1	Calm	----	Calm	----	7	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu.-N. NE
25	N	1	N	1	S	1	WSW	1	Calm	----	N	1	2	Ci.	S.-Cu.	7	A.-Cu.	Cu.-N. SE
26	N	1	N	1	S	1	W	1	Calm	----	N	1	4	Ci.	Cu.	2	----------	Cu.
27	N	1	N	1	Calm	----	W	2	Calm	----	N	1	3	Ci.	Cu.-N.	5	Ci.	Cu.-N.
28	N	1	N	1	S	1	SW	2	N	1	N	1	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. E
29	N	1	N	1	S	2	W	2	E	1	N	1	7	A.-Cu. E	S.-Cu.	7	Ci.-S.	Cu. ESE
30	N	1	NE	1	E	2	NE	1	E	1	NE	1	7	A.-Cu.	S.-Cu. E	9	A.-Cu.	S.-Cu. SE
31	NE	1	NE	1	SW	1	NW	1	Calm	----	Calm	----	2	Ci.	Cu.	5	Ci.-S.	Cu.-N.
Mean	------	1	------	0.9	------	1.1	------	1.2	------	0.6	------	0.9	4.4	----------	----------	6.7	----------	----------

CALBAYOG.

[φ=12° 04′ N; λ=124° 36′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.80 mm.]

JUNE, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.02	58.25	58.74	57.29	57.20	59.42	23.5	23.4	31.8	29.7	28.8	25.6	32.7	22.9	96	95	64	75	79	88	6.9
2	58.22	58.78	59.05	56.97	57.37	59.17	23.8	23.4	31.3	31.7	26.6	25.5	33.8	22.7	95	95	64	68	92	93	22.9
3	58.09	57.97	58.56	57.69	57.62	59.41	24.7	24.5	29.8	26.7	26.1	25	31.8	24.2	96	96	75	90	94	97	12.7
4	58.02	58.49	59.33	57.13	56.93	58.55	24	23.7	30.8	33.1	29.7	25.6	33.9	23	97	97	68	60	67	87	
5	57.89	58.29	58.19	56.77	57.99	58.98	24.3	24.4	31.6	32.2	26.5	25.4	33.2	23.8	94	96	63	69	88	93	8.4
6	58.21	58.40	58.48	56.97	57.40	59.71	24.2	24	30.5	31.5	30.4	26.2	33.1	23.7	95	96	72	69	76	90	.5
7	58.94	58.85	59.09	57.93	57.99	59.89	24.4	24.2	31.5	29.3	27.4	25.5	32.5	23.8	95	96	69	80	92	92	30.5
8	58.61	59.13	59.83	58.31	58.18	60	24.1	23.7	29.8	29.9	28.7	25.9	31.3	23.4	95	97	73	75	80	94	1.3
9	58.93	59.65	59.74	57.42	57.93	59.72	24.8	24	30	31.2	30.4	26.9	32.2	23.5	95	96	68	62	70	91	1
10	58.87	59.13	59.18	57.64	57.51	59.34	25	24.7	30.7	32.1	27.8	26.7	32.6	24.1	95	94	69	63	82	88	
11	58.54	58.69	58.99	57.14	57.50	59.19	24.1	23.7	31	32	26.4	24.6	32.7	23.3	95	96	66	64	89	93	7.4
12	58.45	58.80	59.23	57.43	58.52	59.97	23.8	24.1	30.5	30.8	27.5	25.8	32	23.2	94	94	68	69	81	93	6.1
13	59.27	59.95	60.06	59.01	59.26	60.89	24	24	29.5	24.5	25.3	24.4	31.7	23.6	97	96	76	92	93	94	10.2
14	59.42	59.83	59.94	58.18	59.05	60.59	23.5	23.4	31.3	30.5	26.8	25.2	32	23.1	97	97	68	70	87	93	.5
15	58.93	59.89	60.49	59.32	59.79	60.74	24.2	24	29.8	26.4	26.7	24.9	31.7	23.6	95	94	73	86	86	93	.3
16	60.13	60.05	60.73	58.75	58.99	60.09	23.3	23	28.6	30.7	25.8	24.3	31.5	22.6	96	96	77	71	93	95	1.8
17	59.93	60.52	60.85	59.44	59.24	60.04	24.6	24.8	28.5	30.1	28.1	27.3	30.8	23.5	96	95	79	71	77	84	1.3
18	60.01	60.10	60.24	59.20	58.90	59.10	27.3	27.4	29.6	29.7	28.7	27.5	30.5	25.8	84	83	70	71	75	82	1
19	59.10	59.37	60.26	57.75	57.80	58.84	26.1	27	26.3	28.2	27.9	27.7	28.8	24.7	91	86	87	85	82	82	5.8
20	58.53	58.72	59.14	57.83	57.46	58.56	25.9	27.3	26.7	29.1	28.3	25.2	30.3	24.8	93	86	86	71	75	94	.8
21	58.03	58.05	57.94	56.75	57.38	58.57	27.3	27.2	29.4	30.9	28.7	26	31.5	24.8	84	83	78	70	80	92	
22	58.62	58.33	58.24	57.18	57.70	59.38	25	23.5	28.8	30.7	24.5	23.5	31.9	23	93	96	75	62	92	95	1.3
23	58.04	58.33	57.76	56.78	57.83	59.26	22.8	23	31.1	33.3	28.3	25.8	33.6	22.4	97	97	65	60	82	93	
24	58.31	58.50	58.34	57.09	57.64	59.29	24.2	24	31.7	28.5	26	25.3	34	23.5	96	96	67	85	94	93	7.1
25	58.67	58.63	58.70	57.05	57.75	59.19	24.2	24.3	28.9	30	26.9	25.2	31.5	23.5	92	92	82	77	88	93	
26	58.56	58.87	59.10	56.94	58.08	59.69	24	24.2	29	30.6	29.4	26.2	31.4	23.5	95	97	77	72	76	94	1
27	58.13	58.74	58.91	57.56	57.50	59.45	24.2	23.6	29.9	31.3	27.5	25.2	32.2	23.2	96	97	75	68	88	93	
28	58.65	58.58	58.95	57.86	58.72	59.73	23.8	23.6	30.2	26.7	24.7	23.9	32	23.1	97	97	70	88	94	95	28.4
29	58.83	59.75	60.39	58.14	58.29	59.95	23	23.3	28.8	30	27.7	25.8	31.5	22.6	96	97	77	72	84	95	.8
30	59.20	59.15	59.68	58.37	58.07	59.32	23.9	23.3	29.8	26	26.6	24.5	31.2	23	96	97	73	89	90	94	18
Mean	58.70	58.99	59.27	57.73	58.05	59.53	24.4	24.3	29.9	29.9	27.5	25.6	32	23.5	94.4	94.3	72.5	73.5	84.2	91.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	176

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	S	1	W	1	NE	1	N	1	0	------	S.-Cu.	7	A.-Cu.	S.-cf. E
2	Calm	----	Calm	----	SE	1	WSW	2	Calm	----	NE	1	0	------	Cu.	7	------	Cu. SE
3	N	1	NE	1	S	2	E	1	NE	1	NE	1	9	A.-Cu.	S.-Cu. E	10	A.-Cu.	N. SE
4	NE	1	N	1	SE	1	SE	1	SE	1	NE	1	6	Ci.	S.-Cu.	6	Ci.-S.	Cu. SE
5	NE	1	NE	1	E	2	NW	1	W	1	NE	1	8	Ci.-S.	S.-Cu. SE	8	Ci.-S.	S.-cf. ESE
6	NE	1	N	1	S	1	S	1	Calm	----	NE	1	7	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. ESE
7	N	1	NE	1	SW	1	Calm	----	Calm	----	N	1	6	Ci.-S.	Cu.	9	A.-Cu.	S.-Cu. E
8	N	1	N	1	SE	1	S	1	Calm	----	Calm	----	7	Ci.-S. SW	S.-Cu.	8	A.-Cu. E	S.-Cu.
9	N	1	N	1	S	1	SW	1	Calm	----	N	1	3	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
10	NE	1	NE	1	SW	1	SW	1	NE	1	Calm	----	1	------	S.-Cu.	6	------	Cu. E
11	NE	1	N	1	SW	1	SW	1	NE	1	N	1	2	Ci.	Cu.	7	Ci.-S.	Cu.-N. E
12	N	1	NE	1	S	1	NE	1	Calm	----	NE	1	3	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. E
13	NE	1	Calm	----	Calm	----	NE	1	NE	1	N	1	9	A.-Cu. S	S.-Cu.	10	A.-Cu.	Fr.-N. E
14	N	1	Calm	----	SE	1	SW	1	Calm	----	Calm	----	4	Ci.	S.-Cu.	8	A.-Cu. E	Cu.-N.
15	N	1	N	1	S	1	E	1	E	1	N	1	8	A.-Cu. S	Cu.-N.	10	A.-Cu.	S.-Cu.
16	N	1	N	1	Calm	----	W	2	Calm	----	N	1	2	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N. NW
17	S	1	Calm	----	W	2	W	2	W	2	W	2	10	A.-Cu.	Fr.-N. NW	9	A.-Cu.	S.-Cu. W
18	W	3	W	3	W	3	WSW	2	WSW	2	W	2	9	A.-Cu.	S.-Cu. W	10	Ci.-S.	S.-Cu.
19	W	1	W	2	WSW	2	SW	1	WSW	2	WSW	2	10	A.-Cu.	S.-Cu. W	10	A.-Cu.	S.-Cu. W
20	Calm	----	WSW	3	WSW	2	WSW	3	WSW	2	Calm	----	7	Ci.-S.	S.-Cu. W	9	A.-Cu.	S.-Cu. W
21	W	3	WSW	3	W	1	W	2	Calm	----	S	2	8	A.-Cu.	S.-Cu. W	9	A.-Cu.	S.-Cu. W
22	SW	2	Calm	----	S	1	W	2	NE	1	N	1	9	A.-Cu.	S.-Cu. W	8	A.-Cu. NW	Cu.-N.
23	N	1	N	1	E	1	NE	2	NE	1	N	1	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E
24	NE	1	N	1	NE	2	WNW	2	Calm	----	Calm	----	6	Ci.-S.	S.-Cu.	8	A.-Cu.	N. E
25	N	1	N	1	Calm	----	NE	1	Calm	----	N	1	6	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. SE
26	Calm	----	Calm	----	SW	1	W	2	Calm	----	S	2	8	A.-Cu.	S.-Cu. SW	5	A.-Cu.	Cu. NW
27	N	1	Calm	----	S	2	SW	3	Calm	----	Calm	----	6	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
28	N	1	N	1	ESE	1	E	2	N	1	N	1	7	Ci.-S.	S.-Cu.	9	A.-Cu.	N. E
29	N	1	N	1	Calm	----	SW	1	NE	1	Calm	----	7	A.-Cu. E	S.-Cu.	9	Ci.-S.	Cu.-N.
30	N	1	N	1	Calm	----	Calm	----	Calm	----	N	1	3	Ci.	Cu.	10	A.-Cu.	N. NE
Mean	------	1.1	------	1	------	1.1	------	1.4	------	0.7	------	0.9	6	------	------	8.1	------	------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.80 mm.]

JULY, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	
1	58.19	57.50	58	56.27	56.81	58.05	23.2	23	28.9	26.4	25.5	23.7	30.5	22.6	97	97	78	87	93	95	14.2
2	56.54	56.71	57.06	56.15	56.04	57.73	22.7	22.4	28.5	25.7	25.8	24.4	30.5	22.1	97	97	80	93	93	95	1.5
3	57	56.85	57.70	56.37	56.61	58.44	23.2	23	29.3	27.6	25.2	24.2	30.5	22.7	96	97	74	87	92	95	2.5
4	57.73	57.36	58.34	57.49	57.49	58.87	23.2	23	28.9	27.8	25.8	24.3	29.7	22.5	96	97	77	84	93	95	10.2
5	58.03	58.21	57.86	56.48	57.41	58.90	23.2	22.4	29.2	25.6	25	23.8	30.2	22.2	96	96	73	94	94	97	33.8
6	57.78	57.83	58.41	57.07	57.56	58.60	23.6	23.5	27.1	28.1	25	23.9	28.7	23.3	97	97	88	77	95	96	19.6
7	57.70	58.18	58.07	56.94	57.82	59.12	23.4	23.7	25.6	28.9	24.8	24.3	29.7	23	97	97	93	75	95	95	10.2
8	57.73	58.54	58.89	57.41	58.53	59.44	23.3	23.4	28	28.6	23.8	23.2	30.8	22.9	97	97	76	79	97	97	38.9
9	58.48	59.16	58.83	57.20	57.76	59.41	22.3	22.4	27	29.3	28.4	25	30.2	21.9	97	98	84	73	77	96	5.3
10	58.08	58.34	58.74	57.34	57.83	58.50	23.9	23.7	24.7	25.5	25	24.2	30	23.2	96	97	95	93	96	96	42.9
11	57.43	57.84	58.18	56.91	57.02	57.63	23.9	23.7	24.8	25.7	25.6	25.5	27.5	23.3	97	97	91	89	89	90	15.7
12	56.47	55.91	57.13	56.22	57.02	58.34	25.4	25.5	27	25.4	24.4	23	27.7	22.8	92	92	83	88	94	97	19.6
13	57.73	58.05	59.17	57.29	57.50	59.51	23.2	23.4	28.6	30.8	26.7	24.3	31.4	23	97	96	78	69	86	95	------
14	58.17	58.67	59.31	57.95	58.79	59.89	24	23.5	29.2	28.8	25.3	23.7	31.6	23	95	95	80	76	93	95	2
15	59.06	59.24	59.10	57.54	58.29	60.17	22.4	22.5	28.7	30.4	24.5	23.7	31.6	21.6	96	97	77	72	87	96	20.6
16	59.34	59.28	59.30	58.24	58.49	59.74	23.1	23.2	30.2	26.4	23.9	23.5	31.4	22.6	97	97	70	92	96	97	17.3
17	57.78	57.60	58.31	57.14	57.51	59.30	22.5	22.7	28.5	28	26.5	24.3	29.5	22.3	97	97	75	82	88	94	------
18	58.42	57.86	58.96	57.34	57.70	59.59	23.2	22.9	29	30.4	27.8	25.2	30.8	22.5	97	97	78	66	85	94	1.8
19	59.27	59.88	60.61	58.09	58.76	59.65	24.3	24.2	26.6	28.3	26.9	24.6	29.5	23.8	96	96	86	79	87	91	.8
20	59.38	59.89	60.37	58.20	58.30	59.17	23.4	23.6	24.2	26.8	26.6	24.4	29	22.7	93	92	92	84	83	94	25.4
21	58.37	58.29	58.65	57.10	57.37	58.64	23.6	23.5	26.4	28	26.5	24.7	28.6	23.2	97	97	90	81	91	95	29.5
22	57.82	58.22	58.52	57.35	57.76	59.28	25.1	23.5	28.5	29.2	28.3	25.1	29.4	23.1	94	96	76	74	75	96	------
23	58.59	58.47	58.67	56.74	57.25	58.38	23.6	23.5	29.3	31.4	28.1	25.2	32.2	23.2	97	97	75	66	82	95	------
24	57.20	57.18	57.29	55.70	56.25	57.16	23.4	23.2	29	31.3	28.8	26.9	31.9	22.8	97	96	78	71	78	86	------
25	56.10	56.06	56.52	55.33	55.72	57.26	27.4	27.1	28.8	28.8	28.6	28.3	30.5	25.8	86	87	77	80	77	77	2.5
26	56.83	56.12	56.70	55.40	55.95	57.90	27.3	27.5	28.5	30.1	29.2	28.6	30.6	27	82	81	78	71	73	76	------
27	56.46	56.39	57.35	56.25	56.30	57.08	28.2	28.1	29.2	30.4	29.3	28.3	31.3	27.7	77	74	74	68	72	76	------
28	56.09	55.39	55.95	54.18	54.64	56.14	27.9	28	29.4	31.2	29.5	29	31.6	27.6	74	74	72	69	75	77	------
29	54.45	55.01	55.98	54.47	54.58	57.41	28.9	28.5	29.4	30.5	29.4	29	31.5	28.3	77	74	72	72	72	74	------
30	56.45	57.29	57.96	57.23	57.45	59.68	28.1	27.9	28.5	30	27.8	27.3	30.5	27	79	80	80	71	82	84	------
31	58.51	58.41	58.95	57.93	57.85	59.30	27.1	27	29.5	30.5	29.1	28	30.9	26.7	85	85	75	74	80	84	------
Mean	57.65	57.73	58.22	56.82	57.24	58.65	24.5	24.3	28.1	28.6	26.7	25.3	30.3	23.8	92.5	92.5	79.8	78.6	86.1	91	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	314.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	SW	1	Calm	----	NE	1	N	1	6	Ci.-S.	S.-Cu.	9	A.-Cu.	N. SE
2	N	1	N	1	SW	1	NE	1	NE	1	N	1	7	Ci.-S.	S.-Cu.	10	A.-Cu.	N. SE
3	N	1	N	1	SW	1	NE	1	E	1	N	1	6	Ci.-S.	S.-Cu.	9	A.-Cu.	S.-Cu. E
4	N	1	N	1	S	1	S	1	Calm	----	N	1	6	Ci.-S.	S.-Cu. SE	10	A.-Cu.	Fr.-N. SSE
5	N	1	N	1	Calm	----	Calm	----	Calm	----	Calm	----	7	Ci.-S.	S.-Cu.	9	A.-Cu.	N. SE
6	Calm	----	NE	1	NE	1	E	1	Calm	----	Calm	----	10	A.-Cu.	Fr.-N. S	10	A.-Cu.	S.-Cu.
7	E	1	SE	1	Calm	----	S	1	Calm	----	N	1	10	A.-Cu.	N. SSE	9	A.-Cu.	S.-Cu. SE
8	Calm	----	Calm	----	S	1	NW	2	Calm	----	N	1	9	A.-Cu.	S.-Cu. SW	9	A.-Cu.	S.-Cu. W
9	Calm	----	NE	1	WSW	2	W	2	Calm	----	Calm	----	9	A.-Cu.	S.-Cu. W	8	A.-Cu. NW	S.-Cu.
10	N	1	Calm	----	W	3	Calm	----	Calm	----	Calm	----	10	A.-Cu.	S.-Cu.	10	A.-Cu.	N. W
11	Calm	----	NNW	1	Calm	----	NW	2	W	2	W	3	10	A.-Cu.	N.	10	A.-Cu.	N. NW
12	W	3	W	3	W	4	WSW	3	WSW	2	W	2	10	A.-Cu.	N. WNW	10	A.-Cu.	N. W
13	SW	2	S	1	S	2	SW	2	Calm	----	N	1	8	A.-Cu.	S.-Cu. W	7	A.-Cu.	Cu.
14	N	1	NE	1	S	1	W	1	Calm	----	N	1	10	A.-Cu.	Fr.-S.	9	A.-Cu.	Cu.-N.
15	N	1	N	1	S	1	W	1	SE	1	NE	1	5	Ci.	Cu.	5	Ci.	Fr.-Cu. E
16	NE	1	N	1	NE	1	SW	1	N	1	Calm	----	7	Ci.-S. E	Cu.-N.	9	A.-Cu.	N. NE
17	Calm	----	N	1	SW	1	Calm	----	NE	1	N	1	5	Ci.-S.	S.-Cu.	10	A.-Cu.	S.-Cu.
18	NE	1	NE	1	SW	1	WSW	1	Calm	----	N	1	4	Ci.	S.-Cu.	7	A.-Cu.	Cu.-N.
19	N	1	NW	1	NNW	1	NW	1	Calm	----	N	1	10	A.-Cu.	N. W	10	A.-Cu.	S.-Cu.
20	N	1	NW	1	NW	2	NW	2	NW	1	Calm	----	10	A.-Cu.	N. NW	10	A.-Cu.	S.-Cu. NW
21	Calm	----	Calm	----	WNW	2	W	3	WNW	2	N	1	10	A.-Cu.	N. NW	9	A.-Cu.	s.-cu. WNW
22	NNW	1	Calm	----	W	2	SW	2	SW	1	N	1	8	A.-Cu.	S.-Cu. W	7	A.-Cu.	S.-Cu. SW
23	N	1	N	1	SW	1	W	2	Calm	----	N	1	6	Ci.-S.	S.-Cu. S	7	Ci.-S.	Cu.
24	Calm	----	N	1	WSW	1	W	2	W	2	SW	2	6	Ci.-S.	Cu.-N.	5	Ci.	Cu. W
25	W	3	WSW	3	wbyN	4	W	4	wbyN	3	W	3	10	A.-Cu.	N. W	9	Ci.-S.	S.-Cu. W
26	W	3	WSW	3	WSW	3	WSW	3	WSW	3	WSW	3	10	A.-Cu.	S.-Cu. W	10	A.-Cu.	S.-Cu. W
27	SW	3	WSW	3	WSW	3	SWbyW	3	SWbyW	3	SW	3	9	A.-Cu.	S.-Cu. W	7	A.-Cu.	S.-Cu. W
28	swbyw	3	swbyw	3	WSW	4	WSW	4	WSW	3	WSW	3	10	A.-Cu.	S.-Cu. wsw	7	Ci.-S.	S.-Cu. W
29	WSW	4	SW	4	WSW	3	WSW	3	W	3	W	6	10	Ci.-S.	S.-Cu. W	8	Ci.-S.	S.-cf. W
30	W	5	W	4	WSW	4	WSW	4	W	4	W	4	10	A.-Cu.	S.-Cu. W	10	Ci.-S.	S.-cf. W
31	W	3	W	2	W	2	WSW	2	W	1	W	2	1	------	S.-Cu.	2	Ci.	Cu.
Mean	------	1.4	------	1.4	------	1.7	------	1.8	------	1.2	------	1.5	8	------	------	8.4	------	------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 4.1 meters; gravity correction not applied, −1.80 mm.]

AUGUST, 1909.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.67	58.43	58.99	57.72	57.64	58.95	26.3	25.4	29.6	31.1	28.8	28	31.7	24.9	91	93	78	69	78	81	------
2	58.41	57.12	57.99	57.03	56.94	58.41	27.1	27.2	30.2	31.9	29.2	26.4	33	26.2	83	84	71	67	74	89	------
3	58	57.68	58	56.80	56.89	58.67	25.5	24.6	29.7	29.3	28.6	25.7	31.9	24.4	93	97	69	73	76	89	17.8
4	58.19	57.80	58.40	57.12	57.20	59.20	25.2	23.7	28.7	30.4	28.8	26	31.7	23.5	96	97	78	70	76	92	------
5	58.48	58.60	58.85	57.84	57.93	59.32	26.3	26.2	30.4	30.7	28.8	25.5	32.1	24.8	92	90	72	66	75	93	5.1
6	58.88	58.59	59.25	58.38	58.52	59.87	25.1	27.6	30.4	31.3	29.6	25.3	32.2	24.6	93	81	72	69	74	93	------
7	59.07	59.12	59.28	57.68	57.93	60.11	25.6	24.7	30.5	30.7	29.1	25	31.9	24.1	93	96	72	70	75	93	1.8
8	59.16	59.28	59.80	58.24	58.21	59.74	24.2	26.5	30.7	30.8	29.1	25.3	32.1	23.7	95	86	71	72	76	92	3.8
9	59.57	59.65	60.25	58.66	59.37	61.09	24.3	24.1	29.8	32.6	29.4	26.1	33.6	23.8	96	96	75	64	72	91	------
10	59.79	59.77	60.13	58.82	59.13	61.07	24.3	26.5	31.6	32.2	29.6	25.4	33.1	24.1	93	90	68	62	72	93	------
11	59.99	59.67	59.86	58.24	57.88	59.90	24.4	24.5	30.6	32	29.4	25.4	32.4	24.1	95	96	72	66	72	94	------
12	58.89	59.04	58.91	56.73	57.38	59.32	23.9	23.5	31	32.3	29.3	26	33.2	23.3	96	97	72	66	76	94	------
13	58.39	59.13	60.14	57.96	58.92	59.82	24.3	23.8	30.8	31.9	25.6	24.4	32.7	23.5	96	97	65	62	89	95	------
14	59.03	59.50	60.46	59.25	59.30	60.65	23.6	24.3	28	28.5	27.3	25.4	29.7	23.4	97	97	81	75	81	93	------
15	59.57	59.30	59.73	57.89	57.91	59.24	24.7	23.9	29.6	31.2	28.9	24.5	32.5	23.6	94	97	70	62	72	94	------
16	59.10	57.92	58.04	57.03	56.78	58.09	23.5	26.7	30.5	31.9	29.3	28.3	33.2	23.1	96	87	72	65	73	79	------
17	57.26	57.62	58.86	57.25	57.54	59.14	27.5	27.4	27.8	31.3	28.9	27.4	31.7	25.2	83	82	82	66	76	83	.5
18	58.42	58.37	59.91	59.22	58.86	60.30	26.4	27.1	25.6	26.8	26.8	26.4	28.1	24.4	88	87	89	86	85	86	3.3
19	59.66	59.69	60.92	58.99	59.10	60.37	24.4	24.5	24.4	28.5	26.7	24	29.5	23.2	95	96	97	78	84	95	55.9
20	59.23	59.06	59.21	57.34	57.32	59.06	22.9	22.7	30	31	27.5	25.7	32.4	22.3	97	97	73	69	82	93	------
21	58.09	58.10	59.10	57.27	58.18	59.81	23.7	23.2	30.5	29.5	25.8	24.5	32.2	23	96	97	72	72	92	95	1.5
22	58.78	59.24	59.31	58.10	58.32	59.65	23.3	23	31.4	25.2	25.3	24.1	33.6	22.6	97	97	65	88	93	96	7.9
23	58.84	59.04	59.29	58.01	58.45	59.64	23.3	23.1	31.4	27.7	26.8	25.1	33.5	22.7	97	97	70	85	85	96	------
24	58.62	58.63	59.11	57.68	57.99	59.73	23.9	23.5	29.6	25.7	25.8	24.6	31.3	23.1	97	96	74	93	93	94	7.6
25	58.49	58.29	58.75	57.27	58.05	59.32	23.8	23.7	29	26.9	27.5	25.1	30.4	23	97	97	79	89	85	93	3.6
26	57.74	57.98	58.34	56.99	57.77	59	24.2	23.7	29.5	30.5	26.5	24.5	31.6	23.4	95	97	75	68	90	94	.8
27	57.93	58.11	59.26	57.14	57.72	59.57	23.4	23	29.9	30.4	26.3	25.1	32.1	22.7	97	97	73	67	86	92	------
28	58.33	58.55	59.11	56.95	56.99	59.03	23.9	23.1	30.3	31.6	29.5	25.7	33.4	22.7	97	97	72	66	75	93	------
29	58.32	58	58.76	56.73	57.05	58.97	23.9	23.2	31.2	29.4	27.3	24.9	31.5	22.7	96	97	68	80	87	96	6.1
30	58.10	57.81	58.76	56.96	58.03	59.43	23.8	23	30.2	27.4	25.1	24.3	31.2	22.8	97	97	75	85	92	94	10.2
31	58.28	58.06	58.80	56.56	57.68	59.26	23	22.5	29.3	29	26.4	25.1	31.5	22.2	97	97	75	81	87	92	.5
Mean	58.69	58.62	59.21	57.67	57.97	59.54	24.5	24.5	29.7	30	27.8	25.5	32	23.6	94.4	93.8	74.1	72.6	80.7	91.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	126.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-1		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	W	3	NW	2	SW	2	WSW	2	WSW	2	WSW	2	8	Ci.-S.	S.-Cu. NW	7	Ci.-S. ENE	Cu.
2	W	2	WNW	2	WSW	2	WSW	2	NW	1	Calm	----	8	Ci.-S.	S.-Cu. WNW	6	Ci.-S.	Cu.
3	Calm	----	Calm	----	WSW	2	W	2	NW	1	N	1	8	Ci.-S.	S.-Cu. W	9	Ci.-S.	Fr.-S.
4	Calm	----	N	1	WSW	2	WSW	2	W	2	Calm	----	6	Ci.-S.	S.-Cu.	5	Ci.	Cu.
5	W	3	WNW	1	W	2	WSW	2	W	1	Calm	----	7	Ci.-S.	S.-Cu. SW	3	Ci.	Cu.
6	N	1	WSW	3	SW	2	WSW	2	Calm	----	Calm	----	6	------------	S.-Cu. SW	2	Ci.	Cu.
7	SW	2	N	1	WSW	1	SW	2	Calm	----	N	1	5	Ci.	S.-Cu. W	6	Ci.-S. E	Cu.
8	N	1	SW	2	SW	2	SW	2	SW	2	N	1	6	Ci.	S.-Cu. SW	7	Ci.-S.	Cu.
9	Calm	----	N	1	SW	2	W	2	NW	1	Calm	----	7	Ci.-S.	Cu.-N.	5	Ci.-S. E	Cu.
10	N	1	WNW	2	W	2	W	2	W	2	N	1	7	Ci.-S.	S.-Cu. W	6	Ci.	Cu.
11	N	1	N	1	WSW	2	SW	2	SW	2	N	1	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
12	N	1	N	1	WSW	1	WSW	1	Calm	----	N	1	4	Ci.	Cu.	6	Ci.	Cu. WNW
13	N	1	N	1	S	1	SW	1	N	1	N	1	2	Ci.	Cu.	7	Ci.-S. ESE	Cu.-N.
14	N	1	N	1	S	1	SW	2	Calm	----	N	1	10	A.-Cu. SE	Cu.-N.	8	A.-Cu. E	S.-Cu.
15	Calm	----	Calm	----	SW	1	SW	2	Calm	----	N	1	4	Ci.	S.-Cu.	3	Ci.	Cu.
16	N	1	SW	2	WSW	2	WSW	2	WSW	1	SW	2	7	Ci.-S.	S.-Cu. W	6	Ci.	Cu. W
17	SW	2	SW	3	W	2	W	2	W	2	SW	2	7	Ci.-S.	S.-Cu. W	8	Ci.-S.	Cu. W
18	SW	1	WSW	2	S	1	SW	1	SW	1	SW	1	9	Ci.-S.	S.-Cu. W	10	A.-Cu.	Fr.-N. SW
19	NNW	1	N	1	Calm	----	WSW	1	Calm	----	N	1	10	A.-Cu.	S.-Cu. SW	10	A.-Cu.	S.-Cu. SW
20	N	1	N	1	S	1	SW	1	N	1	N	1	0	------------	S.-Cu.	1	------------	Cu.
21	N	1	N	1	S	1	SSE	2	NE	1	N	1	1	------------	Cu.	8	A.-Cu.	Cu.-N. E
22	N	1	N	1	E	1	E	1	Calm	----	N	1	2	Ci.	Cu.	10	A.-Cu.	N. E
23	NE	1	N	1	E	1	NE	1	NE	1	NE	1	6	Ci.-S.	S.-Cu. E	9	A.-Cu.	Cu.-N. E
24	N	1	NE	1	S	1	NE	1	NE	1	NE	1	4	A.-Cu.	Cu.	9	A.-Cu.	N. E
25	Calm	----	N	1	S	1	Calm	----	Calm	----	Calm	----	6	Ci.	Cu.	9	A.-Cu.	Cu.-N. E
26	NE	1	Calm	----	S	1	S	1	N	1	N	1	10	A.-Cu.	S.-Cu. E	6	Ci.-S.	Cu.-N.
27	N	1	N	1	S	1	SW	1	Calm	----	N	1	0	------------	S.-Cu.	6	------------	Cu.-N. E
28	N	1	N	1	SW	1	SW	1	Calm	----	N	1	1	------------	Cu.	5	------------	Cu.-N. E
29	N	1	N	1	S	1	N	1	N	1	N	1	2	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. E
30	N	1	N	1	SSW	1	N	1	N	1	N	1	2	Ci.	Cu.	8	A.-Cu.	Cu.-N. NE
31	N	1	N	1	S	1	E	1	NE	1	Calm	----	6	Ci.	Cu.	7	A.-Cu.	Cu.-N. E
Mean	------	1.1	------	1.2	------	1.4	------	1.5	------	0.9	------	0.9	5.4	------------	------------	6.7	------------	------------

CALBAYOG.

[ϕ=12° 04′ N ; λ=124° 36′ E ; barometer above sea, 4.1 meters ; gravity correction not applied, —1.80 mm.]

SEPTEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.23	58.04	58.51	57.47	57.79	59.23	23.8	23.4	30.4	26.5	25.3	24.5	31.2	22.9	96	97	73	90	94	96	9.7
2	58.67	58.20	59	57.62	57.55	59.43	23.9	23.3	29	24.9	24.8	24.2	30	23	97	97	76	89	94	96	14
3	57.93	58.36	58.81	56.87	57.84	58.97	23.4	23.1	26	28.8	25.5	24.1	29.2	22.8	97	97	88	76	88	95	8.1
4	57.94	58.18	58.25	56.34	56.94	58.22	23.5	24.5	29.7	29.2	25.2	24	30.8	23.1	96	97	75	77	92	95	2.3
5	57.01	57.52	58.29	56.41	56.87	58.57	26	25	26	28.8	27.4	26.3	29.1	24.3	94	94	92	76	81	89	2.8
6	57.56	57.27	58.44	56.16	56.55	58.22	24.9	26.9	29.4	29.7	28	27.8	31.2	24.5	92	84	73	73	80	81	6.4
7	57.20	57.47	57.83	56.16	56.76	58.50	26.1	27	29.2	29.9	28.4	28.1	31	25.2	90	86	73	72	78	79	------
8	56.90	56.95	57.95	56.05	57.22	57.60	27.3	27.2	29.1	30.1	25.4	26.8	30.9	25.2	82	82	75	69	85	86	5.1
9	56.68	57.03	57.91	56.36	57.18	58.46	26.9	27	28.8	30	28.6	28.4	31.2	26.2	86	86	78	73	78	78	------
10	57.55	58.04	58.69	57.11	57.91	58.85	28.3	28	30.5	29.9	28.4	28.6	31.1	27.4	79	82	73	73	80	80	------
11	57.52	58.04	58.26	56.84	57.27	58.21	28.2	28.1	30.4	29.5	28.2	26.9	31	26.4	82	84	71	79	79	86	12.2
12	57.02	56.61	57.53	55.92	56.23	57.51	26.8	27.2	29.5	30.5	28.8	28	31.7	25	86	86	75	66	78	80	------
13	56.32	56.97	57.49	55.72	55.90	57.74	27.3	27.6	29.8	31.2	29.3	28.3	32.5	26.7	82	82	73	65	74	79	------
14	56.56	55.72	55.90	54.72	54.86	56.14	27.5	27.6	30	31	29	28.8	32.2	27.2	82	83	75	70	77	77	------
15	55.50	55.22	56.41	54.92	55.25	56.19	28.4	28.2	30.5	31	29.2	28.3	31.5	26	78	79	72	68	76	80	7.9
16	55.21	56.56	56.89	55.72	56.68	57.12	27.5	26.6	27.2	25.7	23.7	25	27.9	23.5	84	90	89	91	93	91	23.1
17	56.88	56.48	56.91	55.61	56.16	57.11	24.9	26.9	28	26.4	26.8	27.5	28.7	24.5	92	83	82	89	84	82	7.9
18	56.22	56.21	57.05	55.18	56.37	57.30	26.9	27.4	29.6	29.2	27.7	26.8	30.1	24.1	83	81	72	74	77	83	------
19	56.56	56.82	57.63	56.29	56.82	57.86	27.4	27.7	29.5	28.4	27.8	24.3	30.1	23.8	81	79	75	72	79	95	1.3
20	57.87	58.44	58.35	57.07	57.81	59.36	23.9	24	30.4	30.6	26.3	24.5	31.7	23.6	97	97	74	74	81	92	------
21	58.75	58.90	59.08	57.61	58.78	60.25	23.1	23	30.5	31.5	29.5	26.2	32.3	22.6	97	97	73	66	78	91	------
22	59.66	60.21	60.08	58.38	58.45	60.55	24.3	23.8	30.8	29.5	28.5	25.4	32.6	23.4	95	97	67	79	80	96	1.8
23	59.78	59.74	59.94	58.87	58.92	59.84	24.8	24.7	27.9	25.6	24.5	23	28.9	22.3	97	96	82	93	96	96	40.9
24	58.78	58.88	59.12	57.21	58.28	59.69	22.1	22.3	29	30.7	26.1	24.9	31.2	21.5	96	97	70	70	89	94	2
25	58.04	58.42	58.76	56.99	58.16	59.57	24	24.2	29.9	30.6	27.5	27.6	31.9	23.7	96	96	72	68	80	81	------
26	58.59	59.64	59.94	58.63	59.88	61.31	25.9	25.2	29.8	31.7	28.4	26.8	32.9	24.9	92	94	74	64	78	80	2
27	61.44	61.82	62.34	60.47	61.31	62.70	25.9	24.6	30.4	30.9	25.7	24.4	31.7	23.4	94	96	66	67	88	94	------
28	61.16	61.17	61.48	59.16	58.96	59.89	23	22.8	30.4	26.9	26.7	24.8	32.1	22.4	97	97	73	90	93	95	3.8
29	58.59	58	58.27	56.39	57.09	57.62	23.9	23.4	29.9	27.1	24.9	24	32.9	23.1	97	97	76	89	94	96	5.3
30	56.94	57.19	58.22	56.37	56.79	58.02	23.4	23.5	28.4	25.9	25.2	23.9	32.2	23.2	97	98	80	86	91	96	.5
Mean	57.77	57.94	58.44	56.82	57.42	58.67	25.4	25.5	29.3	29.1	27	26.1	31.1	24.2	90.5	90.4	75.6	76.3	83.8	88	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	157.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	SW	1	Calm	----	Calm	----	Calm	----	5	Ci.	Cu.	9	A.-Cu.	N. E
2	N	1	N	1	S	1	E	1	N	1	N	1	10	------	S.	10	A.-Cu.	N. E
3	N	1	N	1	Calm	----	SW	1	N	1	N	1	10	------	Fr.-S.	9	Ci.-S.	S.-Cu. E
4	N	1	NW	1	W	2	W	2	Calm	----	N	1	10	Ci.-S.	Fr.-N. W	8	A.-Cu.	S.-Cu. NW
5	W	2	WSW	3	WSW	2	W	2	WSW	3	W	3	10	A.-Cu.	N. W	9	A.-Cu.	S.-Cu. W
6	WSW	2	WSW	3	W	2	SW	3	SW	2	SW	2	10	A.-Cu.	Fr.-N. W	8	Ci.-S.	S.-cf. W
7	NW	1	SW	3	SW	3	SW	3	SW	3	SW	4	10	A.-Cu.	Fr.-N. WSW	8	A.-Cu. NW	S.-Cu.
8	WSW	3	SW	3	WSW	3	SW	3	SW	3	SW	3	10	A.-Cu. NW	S.-Cu.	8	A.-Cu. NW	S.-Cu. SW
9	SW	2	SW	3	SW	3	SW	2	WSW	2	WSW	2	10	A.-Cu.	S.-Cu. W	8	A.-Cu. NW	S.-Cu.
10	SW	3	WSW	3	SW	2	SW	2	W	2	SW	2	9	A.-Cu.	S.-Cu. W	8	A.-Cu. NW	S.-Cu.
11	SW	3	SW	3	SW	3	WSW	3	W	2	W	2	8	Ci.-S.	S.-Cu. SW	8	Ci.-S.	S.-Cu. W
12	W	2	W	2	SW	2	SW	2	SW	2	SW	2	10	A.-Cu.	S.-Cu. W	6	A.-Cu. W	Cu.
13	SW	2	SW	3	SW	3	SW	2	SW	1	WSW	3	7	A.-Cu.	S.-Cu. SW	1	------	Cu.
14	SW	2	SW	3	WSW	3	SW	2	SW	2	SW	3	6	Ci.	S.-cu. WSW	5	Ci.	S.-cf. WSW
15	SW	3	SW	3	SW	3	SW	3	WSW	3	WSW	3	8	A.-Cu.	S.-Cu. SW	6	Ci. NE	S.-cf.
16	SW	3	WSW	3	NW	1	NW	1	NW	2	W	2	10	A.-Cu.	Fr.-N. W	10	A.-Cu.	N. WNW
17	W	2	W	3	W	3	WSW	3	WSW	3	WSW	3	10	A.-Cu.	S.-Cu. W	10	A.-Cu.	N. W
18	SW	3	WSW	3	SW	3	SW	3	SW	2	SW	2	10	A.-Cu.	S.-cu. WSW	9	A.-Cu.	S.-Cu. SW
19	SW	2	SW	2	SW	2	SW	2	Calm	----	Calm	----	10	A.-Cu.	S.-Cu. SW	10	A.-Cu.	S.-Cu. SW
20	N	1	N	1	S	1	S	1	Calm	----	N	1	10	------	S.	9	Ci.-S.	Fr.-S.
21	N	1	N	1	S	2	SSW	1	Calm	----	N	1	2	Ci.-S.	Cu.	6	Ci.-S.	Cu.
22	N	1	N	1	S	1	SW	1	Calm	----	N	1	7	A.-Cu.	S.-Cu. N	7	Ci.-S.	Cu.-N. NE
23	N	1	N	1	NNW	1	W	1	Calm	----	N	1	10	A.-Cu.	N. NE	10	------	N. SE
24	N	1	N	1	S	1	SW	1	Calm	----	N	1	8	Ci.-S.	S.-Cu. SE	6	Ci.-S.	Cu.-N.
25	N	1	N	1	SW	2	SW	2	SW	2	SW	2	9	A.-Cu.	S.-Cu. SW	7	A.-Cu. W	Cu.
26	Calm	----	NNW	1	SSW	2	WSW	2	NW	1	WNW	1	10	A.-Cu.	S.-Cu. SW	7	A.-Cu.	Cu. W
27	N	1	N	1	W	2	SW	1	Calm	----	N	1	8	A.-Cu. SW	S.-Cu.	7	Ci.-S.	Cu.-N. N
28	N	1	N	1	S	1	NW	1	Calm	----	N	1	2	Ci.-S.	Cu.	9	Ci.-S.	Fr.-N. NE
29	N	1	N	1	NW	1	SE	1	NE	1	N	1	6	Ci.-S.	S.-Cu. NE	9	Ci.-S.	N. NE
30	N	1	N	1	Calm	----	S	2	N	1	N	1	10	A.-Cu.	Fr.-N. NE	8	Ci.-S.	Cu.-N. ESE
Mean	------	1.6	------	1.9	------	1.9	------	1.8	------	1.3	------	1.7	8.5	------	------	7.8	------	------

CALBAYOG.

[φ=12° 04′ N; λ=124° 36′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.80 mm.]

OCTOBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.55	57.93	58.57	56.54	57.90	58.96	22.8	22.5	29.5	30.4	26.1	24.1	31.2	22.1	97	98	73	69	87	95	0.5
2	57.73	57.84	57.96	56.31	56.89	58.02	23.3	24.5	29.5	29.9	28	27.1	31.2	23.1	97	89	74	73	82	84	7.6
3	57.02	57.65	57.60	56.21	57.14	57.88	27.3	27.1	28.9	28.7	26.6	26.9	29.5	25	85	86	76	76	80	85	4.6
4	56.20	56.91	57.30	55.44	56.46	56.93	27	27.2	28.5	27.4	25	26.4	29.7	23.6	86	85	80	81	94	88	39.1
5	55.93	56.81	57.35	55.10	56.37	57.17	26.9	26	27.3	29.1	27.2	25.8	30	25.1	85	85	87	77	83	93	35.3
6	55.90	56.38	57.79	56.55	57.50	58.57	26.8	27	28.1	28	27.7	27.6	30.4	25	86	86	80	82	82	82	.8
7	57.54	58.45	59.06	57.66	58.35	59.59	27.6	27.5	30	31.7	28.5	25.4	32.7	24.8	81	81	69	63	77	92	------
8	58.67	59.21	60.04	58.33	58.64	59.58	24.8	24.3	28	29.3	27.5	25.7	29.7	24	95	97	79	74	84	94	.3
9	58.73	59.54	60.26	57.18	58.24	59.42	25	24.7	26.7	26.9	25.4	24.7	27.5	23.5	95	92	86	83	94	96	7.9
10	58.23	58.42	59.02	56.82	56.95	58.24	23.4	23.7	27.9	27.4	24.8	23.2	30.5	22.7	97	97	81	82	95	97	1
11	57.14	58.15	58.81	57.25	58.21	60.16	22.7	22.6	29.3	26.2	25.4	23.9	30	22.4	97	98	75	94	94	96	14
12	59.50	59.64	60.13	58.54	58.89	60.14	22.5	22	30	27	27	24.3	31.7	21.2	97	98	72	84	88	96	1.5
13	59.10	59.53	60.06	57.45	58.18	59.29	23.1	23.3	31.2	29.1	26.7	24.2	32.9	22.2	97	97	70	78	90	95	10.9
14	58.47	58.40	58.95	56.34	56.85	58.11	23.9	23.5	30.3	31.5	26.7	24.3	33	23.1	96	97	70	66	85	95	------
15	56.50	56.92	57.20	55.02	55.43	56.57	23.3	23.2	29.8	32.6	28.4	26.2	33.5	23	96	97	74	56	79	93	------
16	54.99	55.20	55.50	53.16	53.73	54.30	24.2	23.5	29.6	28.8	26.8	28.2	31.4	23.1	95	96	76	83	87	78	3.8
17	53	53.10	54.01	52.39	53.39	54.94	28	27.8	28.9	30	29.1	28.8	30.5	26.7	78	78	75	69	74	75	------
18	54.82	55.26	56.50	54.56	55.55	56.96	28	27.9	30.7	31.7	29.5	28.5	32.2	27.5	79	79	71	64	75	79	------
19	55.95	56.84	57.99	55.63	56.80	57.84	27.9	24.6	30.5	31.4	28.7	25.3	32.9	24.4	80	95	74	66	77	95	------
20	57.12	58.35	58.78	56.64	58.01	59.62	24.7	23.9	31.2	31	27.9	25.6	32.5	23.6	96	97	71	64	86	95	------
21	58.92	59.72	59.99	57.81	58.99	59.69	25.1	24	30.4	29.4	26.9	24.3	31.7	23.6	96	96	73	79	85	96	7.6
22	58.93	59.37	59.42	56.46	57.31	57.55	23.2	23.5	27.2	29.5	27.3	25.7	30.3	23	98	97	88	74	86	94	32.3
23	55.52	54.97	55.11	53.84	55.44	56.95	25.1	25	25.1	26	26.6	26.4	27.7	24	97	98	93	89	84	89	27.7
24	56.59	57.84	58.86	56.99	58.67	60.17	25.6	24.9	28.4	29.5	25	24.2	30.4	23.9	94	93	82	79	93	96	5.3
25	59.78	59.90	59.95	58.24	58.90	60.50	24	23.8	29.5	30	27.8	25.7	31.1	23.4	96	97	78	75	92	96	5.6
26	59.36	59.68	59.99	57.59	58.68	60.17	24	23.3	30.2	31.8	26.2	25.5	33.6	23.1	97	97	74	66	91	95	1
27	58.87	58.83	59.43	56.95	57.84	59.86	24.4	24.8	28.9	29.2	26.9	24.9	32.4	24	96	95	82	81	85	96	11.2
28	57.60	57.93	59.04	56.89	57.60	59.54	23.9	24	31.1	29.8	27.7	25.8	31.9	23.3	97	96	71	73	84	95	------
29	58.23	59.06	59.93	58.39	58.24	59.63	24.9	24.7	29.7	23.9	23.8	23.8	31.7	23	97	97	77	92	96	97	33.3
30	58.74	59.25	59.06	57.04	58.16	60	23.9	23	29.3	31.1	26.8	24.2	32.9	22.8	97	97	72	67	81	93	1
31	59	59.32	59.70	57.75	58.76	60.79	23.4	22.7	31.3	31.2	25.6	24.3	32.7	22.5	97	97	66	63	88	95	2.8
Mean	57.47	57.95	58.50	56.49	57.36	58.62	24.9	24.5	29.3	29.3	26.9	25.5	31.3	23.6	92.8	93.2	76.4	74.9	85.7	91.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	255.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	SW	1	NNW	1	N	1	N	1	7	Ci.	S.-Cu. NE	7	Ci. E	Cu.
2	N	1	NW	1	SW	2	WSW	2	SW	2	SW	2	7	A.-Cu.	S.-Cu. SW	9	A.-Cu.	S.-Cu. SW
3	WSW	3	SW	3	SW	3	SW	4	SW	3	SW	2	10	A.-Cu.	Fr.-N. SW	10	A.-Cu.	Fr.-N. SW
4	WSW	3	SW	4	SW	2	SW	3	W	3	W	3	10	A.-Cu.	Fr.-N. SW	10	A.-Cu.	Fr.-N. SW
5	SW	2	SW	3	SW	3	SW	2	WSW	2	SW	2	10	A.-Cu.	N. SW	9	A.-Cu.	S.-Cu. SW
6	WSW	3	WSW	3	WSW	2	SW	2	SW	3	SW	2	10	A.-Cu.	Fr.-N. WSW	9	A.-Cu.	S.-Cu. SW
7	SE	1	SW	2	SW	2	W	2	Calm	----	N	1	9	A.-Cu.	S.-Cu. SW	6	A.-Cu. NW	Cu.
8	N	1	Calm	----	SSE	1	S	1	Calm	----	Calm	----	9	A.-Cu. NE	Cu.-N.	10	Ci.-S.	S.-Cu.
9	N	1	W	2	W	2	Calm	----	Calm	----	N	1	10	A.-Cu.	N. W	10	A.-S.	S.-Cu.
10	N	1	Calm	----	SSW	1	NE	1	Calm	----	N	1	10	A.-Cu.	N. WNW	8	A.-Cu.	Cu.-N. N
11	N	1	N	1	S	1	N	1	N	1	N	1	6	Ci.-S.	S.-Cu. ESE	8	A.-Cu.	Fr.-N. E
12	N	1	N	1	ENE	1	NE	1	N	1	N	1	0	------------	S.-Cu.	8	A.-Cu.	Cu.-N. SE
13	N	1	N	1	NE	2	W	2	Calm	----	N	1	0	------------	Cu.	8	Ci.-S.	Cu.-N. NE
14	N	1	NE	1	N	1	NE	2	N	1	N	1	6	Ci.-S.	S.-Cu. NE	7	Ci.	Cu. NE
15	N	1	N	1	N	1	NE	2	Calm	----	Calm	----	8	Ci.-S.	S.-Cu. N	8	Ci.-S.	S.-cf. NE
16	N	1	N	1	WbyN	3	SW	3	W	3	W	3	9	Ci.-S. NE	S.-Cu.	9	Ci.-S.	S.-Cu. W
17	WSW	6	SW	6	SSW	5	SW	5	SW	4	SW	5	10	Ci.-S.	Fr.-N. SW	9	Ci.-S.	S.-Cu. SW
18	SSW	3	S	3	SSE	3	SSW	2	SW	2	SW	2	9	Ci.-S.	S.-Cu. SSW	8	Ci.-S.	Cu.
19	SW	2	NNW	1	SSE	1	SW	1	NW	1	N	1	4	Ci.	S.-Cu.	6	Ci.	Cu.
20	N	1	N	1	SW	1	W	1	Calm	----	N	1	0	------------	Cu.	8	Ci.-S.	S.-cf. N
21	N	1	N	1	S	1	W	1	NE	1	N	1	2	Ci.	Cu.	8	Ci.-S.	Cu.-N. N
22	N	1	N	1	Calm	----	NE	2	NW	1	Calm	----	7	Ci.-S.	S.-Cu. NE	8	A.-Cu.	S.-Cu. NE
23	NW	1	WNW	1	W	3	WSW	6	SW	5	S	2	10	Ci.-S.	N. NW	10	A.-Cu.	N. W
24	S	2	SSE	1	SE	2	SSE	1	Calm	----	N	1	8	A.-Cu.	S.-Cu. S	9	A.-S.	Cu.-N.
25	N	1	NE	1	SSE	2	S	2	Calm	----	N	1	8	A.-Cu. SE	S.-Cu.	7	Ci.-S.	Cu. ESE
26	N	1	N	1	E	2	E	1	N	1	N	1	2	------------	S.-Cu.	6	Ci.-S.	Cu. E
27	N	1	NE	1	NE	2	E	2	E	1	NE	2	7	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu.-N. E
28	N	1	N	1	SE	2	SSE	2	E	1	NE	1	7	A.-Cu. SE	S.-Cu.	8	A.-Cu.	Cu.-N. SE
29	N	1	NE	1	S	1	Calm	----	NE	1	N	1	10	------------	Fr.-S.	10	A.-Cu.	N. SE
30	N	1	N	1	E	2	NE	1	N	1	N	1	8	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. E
31	N	1	N	1	E	2	E	2	NE	1	N	1	3	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. E
Mean	------	1.5	------	1.5	------	1.8	------	1.9	------	1.3	------	1.4	7	------------	------------	8.2	------------	------------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.80 mm.]

NOVEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.73	59.54	59.95	57.47	58.70	59.97	23.2	22.9	30.1	31	26.7	24.5	33.1	22.6	96	96	71	73	86	94	------
2	58.99	59.58	59.50	57.67	57.99	58.98	22.7	22.5	28.9	29	25.7	23.4	30.7	21.7	97	97	76	76	90	97	3.3
3	57.93	58.61	59.02	56.89	57.53	58.56	22.9	22.6	28.9	30	26.2	24.5	30.6	22.4	97	97	76	77	91	96	4.8
4	57.63	57.86	58.40	55.99	56.67	58.03	23.2	23.3	29.5	29.5	26.5	25.2	30.6	23	97	97	75	75	86	90	.8
5	55.89	56.59	57.41	55.14	55.20	55.29	24.7	25	26.8	25.4	24.7	24.3	27.5	23.9	93	92	86	88	96	95	14
6	53.69	52.64	51.08	47.87	52.12	55.33	25	25.1	24.8	24.7	24.7	24.2	25.7	24	93	87	92	90	89	91	38.6
7	55.39	56.82	58.02	55.48	57.10	58.26	24.8	23.9	28.7	28.9	27.1	25.1	30.6	23.6	95	92	80	77	85	96	------
8	57.93	58.03	58.01	55.69	57.10	58.98	24.2	24	28.5	31.1	27.3	24.9	31.6	23.4	97	97	78	68	87	96	2
9	58.62	58.94	59.69	58.41	59.67	60.46	24.1	23.7	29	28.1	25.5	24.5	30	23.3	97	97	77	80	92	96	4.3
10	59.30	60.22	60.69	58.53	59.56	61.19	23.9	23.8	28.8	29.2	25.2	25	31.1	23.6	97	97	76	74	88	94	1.3
11	59.69	60.65	60.84	59.29	59.53	60.79	23.5	22.5	28.8	24.9	25.5	24.8	30.7	22.4	97	98	76	92	96	96	40.9
12	59.93	60.45	60.60	58.26	59.42	60.85	24	23.8	30	30.4	25.9	23.9	31	22.9	97	97	71	69	86	95	4.1
13	59.48	59.65	60.06	58.49	59.08	59.65	22.9	22.8	28.3	27.4	24.7	23.9	29.2	22.5	97	97	79	82	94	97	69.1
14	57.44	55.29	54.80	49.77	48.71	50.44	23.7	23.8	23.6	25	25	25.5	26	22.3	97	96	97	97	96	94	141.7
15	52.55	54.49	55.34	53.83	54.96	56.67	24.7	25.4	28.8	30.4	28.3	26.6	30.5	24.2	96	88	76	72	80	87	------
16	56.13	56.67	57.16	55.58	56.84	58.06	26.8	24.9	29.3	30	26.8	24.3	30.7	23.9	86	93	76	68	83	96	------
17	57.19	57.30	58.25	55.83	56.94	58.17	23.9	23.3	28.8	31.4	28.7	25.1	31.7	23.1	97	97	80	69	78	96	.5
18	57.41	57.58	57.86	56.20	57.51	58.34	24.4	24.5	29.1	29.4	27.5	27	30.5	23.8	97	96	78	76	80	85	------
19	58.11	57.93	58.30	56.19	57.02	58.20	25	24.8	30.4	30.7	27.6	24.9	31.6	24	94	93	70	68	84	94	------
20	57.34	58.07	58.76	56.69	57.82	59.10	23.9	23.4	29	30.8	27.1	24.8	31.5	23.2	96	97	80	69	88	96	1
21	58.32	59.33	59.83	58.19	59.16	60.76	24.1	23.5	29.5	29.5	25.3	23.9	31.6	23.3	97	97	77	78	88	91	1
22	59.78	59.81	60.51	58	58.92	60.17	22.7	22.1	29.5	30.9	26.7	24.9	31.5	21.9	97	96	75	64	90	96	9.4
23	58.88	59.31	59.83	58.14	58.55	60.03	23.4	22.3	29.1	26.3	26	24	30.5	22.1	97	97	77	90	88	96	9.4
24	58.89	59.39	59.96	57.53	58.49	59.56	22.8	21.9	30	32.2	26.6	23.5	32.7	21.6	97	96	69	56	83	96	------
25	58.48	59.04	59.95	57.91	58.78	59.86	22.8	22.1	29.7	28.8	24.3	22.8	31.4	21.8	97	96	70	77	91	96	6.1
26	58.53	58.78	59.84	57.81	58.39	59.52	22.7	21.6	26.4	29.5	26	24.8	30.7	21.2	96	96	86	72	87	95	12.4
27	58.39	58.84	60.36	57.78	59.60	60.31	23.9	23.4	23.9	24.7	24.1	23.1	25.2	22.9	96	96	97	94	95	96	18
28	59.30	59.53	61	58.96	59.14	60.06	23	23.2	25.5	27	24.8	23.7	27.7	22.6	96	94	89	84	93	95	1
29	59.01	59.94	60.66	59.24	59.32	60.16	22.4	21.9	28.1	26.8	24.9	23.7	29.7	21.6	96	96	79	85	91	94	7.1
30	59.47	59.79	60.36	59.36	59.33	60.13	23.3	22.7	29.4	26.4	25.3	24.3	31.1	22.4	96	97	72	89	93	94	8.9
Mean	57.98	58.36	58.87	56.74	57.64	58.86	23.8	23.4	28.4	28.6	26.0	24.5	30.2	22.8	95.9	95.4	78.8	77.6	88.5	94.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	399.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	NE	1	NE	1	S	2	NE	1	N	1	3	Ci.	S.-Cu.	7	Ci.-S.	Cu. NE
2	NE	1	NE	1	NE	2	WNW	1	NE	1	N	1	9	A.-Cu.	S.-Cu. NE	8	A.-Cu.	Cu.-N. N
3	N	1	N	1	NE	1	NNW	1	N	1	NE	1	2	A.-Cu.	S.-Cu.	8	A.-Cu.	S.-Cu. NE
4	N	1	N	1	NE	2	NE	1	NE	1	Calm	----	8	Ci.-S.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE
5	NW	1	NE	1	N	1	NNW	1	NNW	1	NNW	1	10	A.-Cu.	Fr.-N. NE	10	A.-Cu.	N. NE
6	NE	2	NNE	2	NE	4	E	6	SE	5	SSE	3	10	A.-Cu.	N. NE	10	A.-Cu.	N. E
7	SSE	2	SE	2	S	2	S	2	E	1	N	1	10	A.-Cu.	Fr.-N. SSE	8	A.-Cu. S	S.-Cu.
8	N	1	NE	1	S	1	SW	1	ENE	1	N	1	4	Ci.	S.-Cu.	3	Ci.-S.	Cu.
9	N	1	Calm	----	S	1	N	1	E	1	N	1	9	A.-Cu. SE	S.-Cu.	8	A.-Cu.	Cu.-N. E
10	N	1	N	1	S	1	SW	1	N	1	N	1	9	A.-Cu.	Fr.-S.	7	A.-Cu.	Cu.-N. E
11	N	1	N	1	S	2	W	1	Calm	----	N	1	3	Ci.-S.	S.-Cu.	10	A.-Cu.	N. E
12	NE	1	NE	1	NE	2	N	2	N	2	NE	1	7	Ci.-S.	S.-Cu. NE	5	Ci.-S.	Cu.
13	N	1	N	1	N	1	N	1	N	1	N	1	6	A.-Cu.	S.-Cu. NE	10	A.-Cu.	Fr.-N. NE
14	NNW	1	WNW	1	WNW	1	NWbyW	2	NW	2	WSW	4	10	---------- ●	N. NW	10	A.-Cu.	N. NNW
15	SSW	6	S	4	S	3	S	2	S	2	SSW	2	10	A.-Cu.	N. SSW	8	A.-Cu.	S.-Cu. SW
16	SSE	2	SE	2	SE	2	SSE	1	S	1	N	1	7	A.-Cu. S	S.-Cu.	8	A.-Cu. SSW	S.-cf.
17	N	1	N	1	SE	1	S	1	SW	2	N	1	8	A.-Cu. SW	S.-Cu.	5	Ci.-S.	Cu.
18	N	1	Calm	----	S	2	SW	2	SW	1	NNW	1	8	A.-Cu. S	S.-Cu.	8	Ci.-S.	S.-cf. SW
19	Calm	----	NNW	1	SW	2	WSW	2	NNW	1	N	1	9	Ci.-S.	S.-Cu.	7	A.-Cu. SW	Cu.
20	N	1	N	1	S	1	SW	2	NW	1	N	1	8	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.
21	N	1	N	1	S	1	S	1	N	1	N	1	2	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. ENE
22	N	1	N	1	SSE	1	SW	1	N	1	N	1	0	----------	S.-Cu.	8	Ci.-S.	Cu. E
23	N	1	N	1	S	1	NE	1	N	1	N	1	0	----------	S.-Cu.	8	A.-Cu.	Fr.-N. ENE
24	N	1	N	1	ENE	1	NE	2	N	1	N	1	0	----------	S.-Cu.	8	A.-Cu. E	Cu. NE
25	N	1	N	1	NE	2	NE	2	NE	1	N	1	0	----------	Cu.	8	A.-Cu.	N. NE
26	Calm	----	N	1	NE	1	NE	2	NE	1	NE	1	2	----------	S.-Cu.	8	A.-Cu.	S.-Cu. NE
27	NE	1	NE	1	N	1	N	1	N	1	NE	1	10	A.-Cu.	Fr.-N. NE	10	A.-Cu.	Fr.-N. NE
28	NE	2	NE	1	ENE	1	Calm	----	N	1	Calm	----	10	Ci.-S.	Fr.-N. NE	10	A.-Cu.	N. ENE
29	N	1	N	1	S	1	ENE	1	N	1	N	1	7	Ci.-S.	S.-Cu. ENE	9	A.-Cu.	N. ENE
30	N	1	N	1	NE	2	Calm	----	N	1	Calm	----	1	----------	Cu.	8	A.-Cu.	S.-Cu. ENE
Mean	------	1.2	------	1.1	------	1.5	------	1.5	------	1.2	------	1.1	6.1	----------	----------	8	----------	----------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.80 mm.]

DECEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.28	59.70	59.68	58.47	59.24	60.13	23.9	23.4	28.5	26	24.8	24.1	30.7	23	97	96	82	87	92	96	9.4
2	58.79	59.51	59.66	57.13	57.91	58.66	22.9	23	29	31.1	26.1	23.8	31.5	22.5	97	97	74	69	90	96	2.8
3	57.32	57.78	57.88	55.35	57.01	57.75	23	22.7	30.3	31	25.1	23.9	31.7	22.4	97	97	70	68	92	96	.8
4	56.20	56.18	56.20	54.85	55.79	56.82	23.1	23.1	29.2	28.5	25.6	24.9	30.1	22.6	96	95	74	78	85	87	1.5
5	55.94	55.65	57.50	56.07	56.87	58	24.4	23.4	28.8	29	24.5	23.7	30	22.8	88	90	67	58	82	85	.3
6	57.18	57.65	58.46	56.12	56.40	57.48	22.4	21.6	27.6	26.7	24.6	24.3	28.8	21.4	95	94	76	83	92	92	3.6
7	57.04	57	57.60	55.86	56.67	58.37	24.1	24	28.4	29.2	25.5	24.8	30.1	23.7	91	91	77	72	84	87	21.8
8	58.60	56.91	57.20	55.90	56.94	58.40	23	22.9	24.9	26.7	25.6	23.8	27.7	22.4	97	97	89	81	87	95	.5
9	57.49	57.90	58.41	56.20	57.60	58.37	22.9	23	27.5	29.3	26.3	23.9	29.9	22.6	97	97	78	75	90	94	2.8
10	57.88	57.79	58.85	56.78	57.47	58.71	22.9	22.4	28.5	29	25.2	24.2	30.2	22.2	96	96	80	75	91	95	3
11	57.88	58.03	59.39	56.91	58.37	59.42	23.2	23	27.7	28	24.7	23.3	29.5	22.8	97	97	80	79	94	96	27.4
12	58.84	58.91	58.82	56.88	57.86	59.20	22.6	22.8	28	29.2	25.4	23.9	29.5	22.4	97	97	77	73	90	96	------
13	58.93	59.22	60.05	57.84	58.87	60.16	23.7	22.8	27.6	29.5	24.9	23.8	30.2	22.6	97	97	80	67	92	96	.5
14	59.55	59.29	59.96	57.89	58.56	60.33	22.5	21.7	29.6	29.7	26.4	23.1	30.6	21.5	97	97	70	71	82	96	------
15	59.43	60.09	60.39	58.52	60.02	61.32	22	21.5	29.8	31	26	24.2	31.5	21.3	96	96	73	69	92	96	8.9
16	60.43	60.55	61.10	58.65	59.41	60.54	22.6	22	27.6	30	26.1	24	30.7	21.7	97	96	83	69	85	94	------
17	59.42	59.66	59.96	58.10	59.23	60.07	22.8	21.8	29.2	27.2	23.8	23.6	31.5	21.6	96	97	73	82	94	95	27.9
18	59.13	58.46	59.18	56.92	57.68	58.84	22.5	22.2	25.3	25.2	23.9	23.6	26	21.9	96	96	86	89	88	88	8.6
19	56.94	57.45	58.18	56.04	56.27	56	23	23.3	23.6	22.7	22	22.7	24.5	21.7	90	85	85	89	93	95	49
20	55.66	56.01	56.59	54.13	55.14	56.53	22.8	22.7	26.4	27.4	24.7	24.1	28.8	22.5	96	97	88	84	94	97	51.1
21	55.52	55.60	56.50	54.44	56.37	56.83	24.1	24.2	27.1	25.2	24.6	24.1	27.7	23.8	97	95	87	95	95	96	32.3
22	56.22	56.84	57.86	55.36	57.04	58.46	23.9	23	27.6	29	25.1	24.5	29.4	22.8	97	97	84	80	95	95	15.2
23	57.85	58.94	59.78	57.52	58.48	59.92	23.9	23.8	26.5	28.5	26.1	24.9	29.5	23.6	97	97	91	80	91	94	6.9
24	58.30	58.99	60.20	58.10	60	60.38	23.8	24.1	24.7	28.7	24.7	24.3	29.2	23.5	97	97	97	78	91	92	15.5
25	59.53	60.40	61.79	59.40	60.48	61.91	23.5	23.4	26	27.7	24.4	23.8	28.7	22.6	97	97	92	81	91	94	17
26	60.91	60.85	61.96	61.17	61.88	62.73	22.6	22.6	27	23.8	23.3	23.3	27.7	22.2	96	97	86	95	91	92	21.8
27	61.85	62.13	63.22	61.77	62.78	63.87	23	22.8	24	24	23.7	23.1	24.9	22.7	96	97	93	96	91	94	30
28	62.53	62.55	63.34	60.80	61.76	62.73	23	23.1	28.3	30.4	26	24	31.7	22.5	95	97	80	68	85	96	------
29	61.62	61.74	62.31	59.98	60.95	61.61	22.7	22.1	29	30.1	26.1	24.7	31.2	21.8	97	96	74	66	86	92	1.3
30	60.40	60.85	61	58.81	59.62	60.35	23.7	23	27.5	29	24.6	23.1	29.4	22.7	96	97	84	76	95	96	17.8
31	59.43	59.21	59.89	58.15	58.39	59.44	23	22.7	27	26.9	25.6	24	29.2	22.4	96	97	86	87	94	96	.8
Mean	58.58	58.80	59.45	57.42	58.42	59.46	23.1	22.8	27.5	28.1	25	23.9	29.4	22.5	95.8	95.8	81.2	78.1	90.1	93.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	378.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	E	1	ENE	2	N	1	N	1	6	Ci.-S.	S.-Cu. ENE	10	A.-Cu.	N. ENE
2	N	1	N	1	NE	2	NE	2	N	1	N	1	6	Ci.-S.	S.-Cu. ENE	6	Ci.-S.	Cu. NE
3	N	2	N	1	ENE	2	NE	2	N	1	N	1	6	Ci.-S.	S.-Cu.	7	Ci.-S.	S.-cf. ENE
4	N	1	NW	1	NE	2	NE	2	NE	1	NE	1	8	Ci.-S.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE
5	N	1	N	1	NE	2	NE	3	NE	1	NE	1	6	Ci.-S.	S.-Cu. NE	6	Ci.-S.	S.-cf. NE
6	N	1	N	1	NE	1	NE	2	NE	1	N	1	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N. NE
7	NE	2	NE	2	NE	2	NNE	2	N	1	N	1	10	Ci.-S.	Fr.-N. NE	8	Ci.-S.	S.-Cu. NE
8	N	1	N	1	Calm	----	SW	1	Calm	----	Calm	----	10	A.-Cu.	Fr.-N.	10	Ci.-S.	S.-Cu.
9	N	1	N	1	SSE	1	SW	2	Calm	----	N	1	10	A.-Cu.	S.-Cu. ENE	6	Ci.-S.	Cu.
10	N	1	N	1	S	1	SSW	1	Calm	----	N	1	8	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
11	N	1	N	1	SSE	1	SE	1	N	1	N	1	8	A.-Cu. E	S.-Cu.	8	A.-Cu.	S.-Cu. SE
12	N	1	NE	1	S	1	WSW	2	NW	1	N	1	9	A.-Cu.	S.-Cu. E	7	Ci.-S.	Cu.-N. E
13	N	1	N	1	SSW	1	S	1	N	1	NE	1	9	A.-Cu.	S.-Cu. NE	8	A.-Cu.	Cu.-N. N
14	N	1	N	1	E	2	S	2	NE	1	N	1	5	Ci.-S.	S.-Cu.	6	Ci.-S.	Fr.-Cu. ENE
15	N	1	N	1	Calm	----	W	2	N	1	N	1	2	Ci.	S.-Cu.	3	Ci.	Cu.
16	N	1	N	1	SW	1	NE	2	N	1	N	1	3	Ci.	S.-Cu.	6	Ci.-S.	Cu. NE
17	N	1	N	1	NE	1	NE	2	NE	1	N	1	9	Ci.-S.	S.-Cu.	10	Ci.-S.	N. NE
18	N	2	Calm	----	NE	2	NE	2	NE	2	NE	2	10	A.-Cu.	N. NE	10	A.-Cu.	N. NE
19	NE	2	NNE	3	N	2	N	1	N	1	NNW	2	10	A.-Cu.	N. NE	10	A.-Cu.	N. NE by N
20	NNW	1	Calm	----	NE	1	Calm	----	Calm	----	N	1	8	A.-Cu.	S.-Cu. E	10	A.-Cu.	N. NE
21	N	1	Calm	----	WNW	1	NW	1	NNW	1	N	1	10	A.-Cu.	N. NE	10	A.-Cu.	N. N
22	Calm	----	N	1	S	1	SW	1	W	1	Calm	----	6	Ci.	S.-Cu.	7	A.-Cu.	Cu.-N. ESE
23	Calm	----	Calm	----	W	2	W	2	NW	1	NW	1	9	Ci.-S.	S.-Cu. W	7	Ci.-S.	S.-Cu. NW by N
24	N	1	W	1	NNW	1	NNW	1	N	1	NE	1	10	------------	N.	8	A.-Cu.	S.-Cu. N
25	Calm	----	Calm	----	W	1	NE	2	NE	1	NW	1	8	Ci.-S.	S.-Cu. N	8	A.-Cu.	S.-Cu. N
26	N	1	N	1	S	1	Calm	----	NE	2	N	1	6	A.-Cu. E	S.-Cu.	10	A.-Cu.	N. NE
27	N	1	N	2	NE	1	Calm	----	NE	2	NE	1	8	Ci.-S.	Fr.-N. NE	10	A.-Cu.	Fr.-N. NE
28	Calm	----	NE	1	E	2	E	2	N	1	N	1	9	A.-Cu.	S.-Cu. E	7	Ci.-S.	S.-cf. E
29	N	1	N	1	ENE	2	ENE	2	NE	1	NE	1	2	Ci.	S.-Cu.	7	A.-Cu.	Cu. ENE
30	ENE	1	ENE	1	S	1	S	1	Calm	----	N	1	9	A.-Cu.	S.-Cu. E	9	A.-Cu.	N. SEbyE
31	N	1	N	1	SE	1	NW	1	N	1	N	1	7	A.-Cu. SE	S.-Cu.	9	A.-Cu. SE	S.-Cu.
Mean	------	1	------	1	------	1.3	------	1.5	------	0.9	------	1	7.6	------	------	8	------	------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 4.2 meters; gravity correction not applied, −1.77 mm.]

JANUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.59	59.69	60.55	58.48	58.82	59.84	23.6	24.2	25	23.7	24.6	25	25	23	95	91	84	90	79	80	18
2	58.73	58.83	60.13	57.60	58.13	58.92	25	23.6	23.5	23.6	23.9	24.2	25.1	22.2	82	91	99	96	97	93	109
3	58.85	59.03	59.81	58.07	58.58	59.40	24.3	24.4	26.3	26	24.5	24.5	26.6	22.5	93	91	90	81	87	90	8.4
4	58.81	58.97	59.30	57.50	58.21	59.43	24.6	24.8	27.6	27.3	23.7	24.7	30	23.1	88	88	78	79	98	90	31.2
5	58.70	58.36	58.94	56.99	57.77	58.70	24.5	24.4	28.2	28.4	26.2	25.2	29	23.6	92	95	76	76	85	89	------
6	58.11	58.60	59.30	57.88	58.26	58.91	24.9	24.9	29	28.6	26.4	25.6	30.5	24	89	87	70	71	85	88	------
7	58.24	58.64	59.75	58.02	58.94	59.65	25.2	25.3	27.8	29.5	26.5	25.6	30.1	24.5	87	82	72	68	80	86	------
8	59.22	59.38	60.53	58.54	59.44	60.12	25.4	25.5	27.7	29.1	26.6	25.6	30.1	24.5	86	84	76	68	80	82	.3
9	60.06	60.28	61.24	59.44	60.25	61.29	24.1	24.4	28	29	25.8	24.9	30.5	22.1	89	91	77	71	84	82	4.3
10	61.14	61.15	61.84	59.56	59.74	60.70	24.8	24.9	29	29.1	26.4	25.5	29.7	23	81	83	70	70	77	84	1.3
11	60.28	60.15	61.03	59.56	60.12	60.37	25	24.4	28.8	29.3	26.7	24.9	30.5	23	83	84	69	66	77	82	9.4
12	60.08	60.16	60.58	58.12	58.41	59.31	24	23.3	28.2	29.2	26.5	22.1	29.6	21	86	88	69	67	76	95	------
13	58.66	58.84	59.79	57.47	58.43	59.09	20.3	20.1	27.7	30	25.1	25.1	30.1	19.9	97	98	72	54	73	78	------
14	58.86	59.74	61.23	58.96	60.23	61.18	23.9	20.7	29	30.3	23.7	24.7	30.5	20.2	78	91	61	58	90	81	.3
15	60.95	61.34	62.68	60.83	61.34	62.53	24.1	24.1	26.5	25	24	24.5	29.6	22.5	81	78	73	80	78	72	.8
16	62.01	61.46	62.29	60.38	60.93	61.49	24	23.8	27.5	25.5	25.6	24.7	28.5	22.9	75	76	59	68	61	67	------
17	60.43	60.63	61.17	58.75	59.45	60.11	24.5	24.4	27.2	27.5	23.5	24.2	29.5	22.6	67	67	61	63	84	82	.8
18	59.49	59.34	60.49	58.45	59.33	60.80	22.9	21.9	24.1	25.5	26	26	27.5	21.4	90	96	99	91	88	88	24.9
19	60.21	60.18	62.25	60.26	61.23	62.28	24.8	24	29	29.8	26.9	25.8	29.8	22.9	92	92	69	66	81	85	------
20	61.80	61.33	62.27	60.11	60.68	61.99	25.5	25.4	29	30.5	26.5	25.4	32.1	24.3	87	86	71	66	83	93	20.1
21	61.29	61.44	62.07	59.88	60.02	61.12	24.4	24	26	28.4	26.5	25.4	30.9	22.9	96	99	84	75	87	85	1.5
22	60.99	61.13	62.02	59.98	60.33	61.13	25.2	24.8	28	30.1	24.9	25.4	30.1	23.1	83	83	73	64	89	85	8.4
23	60.64	60.93	61.59	60.01	60.69	61.37	25.2	24.9	28.8	29.1	26.7	25.4	30.5	23.5	86	88	66	64	75	81	.3
24	60.53	60.63	61.11	59.19	59.08	60.44	25.2	24.9	29.1	29.6	26.3	25.6	30.8	23.7	83	84	74	68	85	90	5.3
25	59.83	60.01	60.97	59.10	59.32	60.69	24.7	23	28	28.4	27	25.6	30.3	22.5	88	96	74	71	77	84	------
26	60.36	60.30	61.12	59.23	59.57	60.64	25.1	24.9	29.2	30	26.7	25.5	31	24	84	84	68	62	75	84	------
27	60	60.05	60.90	58.80	59.49	60.27	24.6	22.5	28	29	26.5	24.5	30.5	22	86	91	67	64	76	84	5.3
28	59.36	59.21	59.82	57.47	57.53	58.62	23.3	21.9	27.5	28	26.2	25.5	30.8	21.4	88	97	77	73	82	84	------
29	58.14	58.21	59.32	57.17	57.89	59.35	25	23	29.5	30.1	25.5	24	31.4	21	84	91	63	59	76	87	.5
30	58.91	59.27	60.33	58.45	58.83	60.41	23.9	23.8	26.5	26.5	24.3	22.9	29.9	22.4	82	77	73	73	81	91	13.7
31	59.16	59.35	60.83	59.29	59.80	60.53	23.1	23.7	25.9	27.3	25	23.9	27.9	21.2	88	81	73	64	71	73	.5
Mean	59.79	59.89	60.81	58.82	59.38	60.34	24.4	23.9	27.6	28.2	25.6	24.9	29.6	22.6	86	87.4	73.8	70.5	81.2	84.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	264.3

Day.	Wind.											Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.	
												Amount.	Form and direction.		Amount.	Form and direction.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	ENE	NE	NE	NE	94.4	104.4	93.3	90.3	382.4	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
2	NE	NNE	ENE	NE	ENE	E	83.1	79.2	99.3	104.8	366.4	10	------	N. NE	10	------	N.
3	ENE	NE	E	ENE	NE	Calm	77.9	54.4	55.3	35.1	222.7	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	Fr.-N. E
4	NE	NE	NE	E	NE	Calm	35.6	54.2	62.3	35.2	187.3	8	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Fr.-N. NE
5	NE	NE	NE	E	ENE	E	27.6	40.5	49.4	41.6	159.1	6	------	Cu.-N. ENE	10	Ci.-S.	Cu.
6	NE	NE	NE	E	ENE	E	54.9	64.7	69.2	59.2	248	6	A.-Cu. ENE	Cu.	10	Ci.-S.	Cu. NE
7	NE	NE	ENE	E	ENE	NE	62.8	65.4	70.3	42	240.5	5	Ci.	Cu. ENE	7	A.-Cu.	Cu. NE
8	NE	NE	NE	ENE	NE	NE	63.9	64.7	69.4	58.7	256.7	10	Ci.-S.	Cu.-N. NE	8	A.-Cu.	Cu.-N. NE
9	E	NE	Calm	E	NE	NE	44.9	41.6	82.7	74.2	243.4	8	------	Cu.-N. ENE	3	Ci.	Cu. NE
10	E	ENE	ENE	E	E	NE	72.7	81.5	88	77.9	320.1	3	Ci. S	Cu.	4	Ci.	Cu. NE
11	NE	NE	ENE	ENE	ENE	NE	62.6	55.7	65.8	36.8?	220.9?	1	------	Cu. E	1	------	Cu.
12	Calm	E	ENE	ESE	ENE	Calm	------	32?	43.1	7.8	------	10	------	N.	1	------	Cu.
13	Calm	Calm	ESE	E	NE	NE	4	20.1	74.3	57.6	156	0	------	------	1	A.-Cu.	Cu.
14	NE	Calm	NE	ENE	ENE	NE	37.6?	47.5?	82.1	73.4	240.6?	0	------	------	1	------	Cu.
15	E	ENE	ENE	NE	ENE	NE	81.9	102	89.3	89.6	362.8	8	A.-Cu.	Cu. NE	10	------	Fr.-N. NE
16	ENE	ENE	NE	ENE	NE	NE	87.9	82.7	92.2	88.2	351	4	Ci.	Fr.-N. NNE	10	Ci.-S.	Cu.-N. NNE
17	ENE	ENE	NE	NE	NE	NE	83.7	89.5	69.2	45.4	287.8	8	A.-Cu. ENE	Cu.	10	Ci.-S.	Fr.-N. NNE
18	Calm	Calm	Calm	ENE	ENE	E	9.1	29.2	55.8	56.5	150.6	9	------	Fr.-N. NE	10	------	Fr.-N. NE
19	Calm	Calm	ENE	E	ENE	E	14.7	43.3	82.9	68.2	209.1	0	------	------	1	Ci.	Cu.
20	E	NE	ENE	E	NE	Calm	42.8	62.6	56.8	34.3	196.5	4	Ci. SW	Cu. E	2	Ci.	Cu.
21	E	E	ENE	E	ENE	NE	51	49.3	62.2	48.1	210.6	10	Ci.-S.	Fr.-N. E	9	Ci.-S.	Cu. ENE
22	E	NE	NE	ENE	NE	ENE	47.2	59	63.4	75.8	245.4	8	Ci.-S.	Cu. ENE	8	Ci.-S.	Cu. ENE
23	NE	NE	ENE	E	ENE	NE	68.1	100	106.2	68.7	343	8	------	Cu.-N. NE	1	Ci.	Cu.
24	NE	NE	E	E	NE	NE	61	78.6	87.1	39.6	266.3	2	Ci.	Cu. ENE	2	------	Cu. E
25	Calm	Calm	ENE	E	ENE	NE	10.2	24.1	49.1	46.1	129.5	1	------	Cu.	8	------	Cu.-N. ENE
26	Calm	Calm	ENE	E	E	NE	27.2	53.9	51	28.4	160.5	1	Ci.	Cu. E	1	Ci.	Cu.
27	NE	Calm	NE	E	E	Calm	35.1	54.5	52.5	15.9	158	1	------	Cu.	2	------	Cu. ENE
28	Calm	Calm	ESE	E	Calm	E	------	------	33.2	13.2	------	6	A.-Cu.	Cu.	9	------	N.
29	NE	Calm	ENE	NE	NNE	NE	24.3	62	59.5	51.7	197.5	1	Ci.	Cu. NE	1	Ci.	Cu.
30	NE	NE	NE	NNE	ENE	E	59.2	89.5	------	------	------	7	Ci.-S.	Cu.-N.	9	Ci.-S.	N.
31	NE	ENE	E	ENE	ENE	NE	66.2?	94.8	99.6	68.4	329	9	------	Fr.-N. ENE	6	A.-Cu.	Cu.-N. ENE
Mean	------	------	------	------	------	------	51.4	62.7	70.5	54.4	244.3	5.6	------	------	6	------	------

LEGASPI.

[φ=13° 09′ N; λ=123° 45′ E; barometer above sea, 4.2 meters; gravity correction not applied, −1.77 mm.]

FEBRUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.44	59.33	60.80	58.94	59.40	60.60	23.7	23.3	28	25.3	24.5	22.9	29.5	22.1	73	76	63	78	83	92	4.8
2	59.84	59.43	61.02	58.84	59.29	60.31	24.1	24.4	27.7	29.3	26.1	24.6	30.5	22.1	84	84	75	66	77	82	.3
3	59.49	59.23	60.34	58.55	59.29	59.93	24.3	23.9	28.9	28	26	25.9	29.9	23.5	83	91	72	70	80	82	.8
4	59.60	59.68	61.32	59.78	60.53	61.41	25.3	25.1	28.5	28.8	24.9	24.9	31.2	24	83	83	67	69	88	87	1.5
5	61.24	61.71	63.20	61.56	61.45	62.47	24.3	24	27.5	29.4	26.3	25.1	30.9	23.4	81	79	62	56	78	87	-----
6	62.34	61.83	62.63	61.33	61.99	62.48	25.2	25.6	28	24.8	24	26	29.7	23.2	82	79	70	88	92	77	6.4
7	62.23	62.69	63.35	61.50	62.14	63.03	25.2	24.9	27.7	28.5	26	25.1	29	23.1	81	76	56	60	76	75	.5
8	62.93	63	63.38	61.51	62.20	62.35	25	25	28	28.9	25.9	24.9	31.4	24.4	76	75	61	59	75	82	-----
9	62.14	62.83	63.19	60.96	61.99	62.99	24.1	24	26.1	29	26.4	25.5	30.4	22.9	82	83	76	61	71	77	-----
10	62.21	62.79	63.23	60.96	61.80	62.52	23.8	23.5	29.5	28.3	26.3	25.4	31.1	20.6	84	83	57	66	67	72	-----
11	61.65	62.35	62.99	60.77	61.20	62.12	23.5	22.2	27.5	28.1	25.9	25.2	31	18.1	81	82	66	70	75	75	-----
12	61.83	61.71	62.99	60.55	61.64	62.50	24.9	25.2	25	26.6	24.2	23	27.5	22.1	76	76	81	72	81	90	15.5
13	61.61	61.65	62.21	60.36	61.07	61.84	22.9	23	23	22.9	22.5	22.4	24.7	21.9	90	94	99	97	95	95	169.7
14	60.99	61.20	62.40	59.78	60.41	61	22.5	22.3	22.3	22.4	23	23.9	23.9	21.5	94	94	97	98	97	91	140.2
15	59.94	59.90	61.44	59.61	60.02	61.06	23.8	23.9	28.5	29	26.2	24.9	30.2	23	90	90	70	68	81	87	9.6
16	60.31	60.54	60.92	59.39	59.89	61.36	24.8	24.8	28.1	30.6	25.7	24.5	31.1	23	87	87	77	65	91	91	25.7
17	60.28	59.73	61.33	59.15	59.69	61.02	24.3	24.3	25.6	27	26.7	25.9	28.9	23.1	92	91	90	85	80	86	17.5
18	59.95	59.83	61.10	59.58	59.13	60.14	25.2	25	25.5	24.5	25.1	25.1	26.5	23.4	91	92	89	89	88	88	31.5
19	59.76	59.68	61.12	58.82	59.60	60.80	24.5	24.3	26	28.3	26	25.9	29.8	23.4	91	96	88	78	89	88	.8
20	59.95	59.73	60.81	58.67	58.88	60.43	25	23.3	29	29.9	27	26	31.1	22.6	90	97	75	73	85	89	-----
21	59.95	59.85	60.32	58.44	58.70	60.50	25.8	25.6	29	30	27	26.5	31.4	25	88	87	74	69	84	85	-----
22	59.85	60	60.61	59.08	59.17	60.58	25.8	25.3	28.7	30.9	27.1	25.9	31.7	24.7	85	85	73	66	83	90	2.5
23	60.14	60.10	61.03	59.03	59.83	60.47	25.2	24.1	28.5	25.8	26	26	30.5	23.5	90	95	80	90	84	84	13
24	59.77	59.51	60.42	58.49	59	60.09	25.5	24.6	28.5	29.4	27	26.1	30	22.5	87	91	70	70	76	84	1.5
25	59.10	60.16	61.14	59.18	60.12	61.12	25.5	24.7	29.2	29.9	27	25.1	31.2	23	80	77	63	65	73	82	-----
26	60.27	60.48	61.42	59.73	60.27	61.44	24.9	23.4	29.5	30.3	27.3	26.1	31	22.2	81	88	68	63	78	75	13
27	60.36	60.58	61.37	59.62	59.78	60.54	25	24.7	29.3	30.6	27.4	25.8	31.1	22.4	80	85	72	67	70	85	4.3
28	59.69	59.63	60.76	59.24	59.12	60	25.2	25	28.1	26.4	24.5	25.5	31	24	91	95	75	83	93	83	3.6
Mean	60.60	60.68	61.67	59.76	60.27	61.25	24.6	24.3	27.5	28	25.8	25.1	29.9	22.8	84.8	86.1	73.8	72.9	81.8	84.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	462.7

Day.	Wind. Direction.						Total movement in 6 hours.				Total movement in 24 hours.	Clouds. 6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	E	NE	ENE	66.6	79.1	76.1	60	281.8	4	Ci.	Cu. ENE	8	-----	N. NE
2	NE	NE	NE	ENE	ENE	Calm	36.4	54.7	59.2	29.3	179.6	6	Ci.	Cu.-N. ENE	3	Ci. S	Cu. ENE
3	Calm	Calm	NE	E	NE	NE	22.5	29.8?	70.3	46.4	169	10	-----	N. NE	10	Ci.-S.	N. ESE
4	NE	NE	ENE	E	N	NE	46.4	47.2	65.4	56.8	215.8	1	Ci.	Cu.	10	Ci.-S.	Fr.-N. NE
5	NE	NE	ENE	E	ENE	NE	68.2	85.3	96.3	76.9	326.7	3	Ci.	Cu. NE	1	Ci.	Cu. E
6	E	E	ENE	E	ENE	ENE	74	59.5	105.2	115.6	354.3	5	-----	Cu.-N. E	9	-----	Fr.-N. NE
7	E	NE	ENE	ENE	E	E	89.9	111.5	142.1	107.8	451.3	2	Ci.	Cu. NE	2	Ci.	Cu. NE
8	E	ENE	ENE	E	ENE	NE	104.8	102.5	97.7	44.5	349.5	7	-----	Cu.-N. NE	8	Ci.-S. W	Cu.
9	Calm	Calm	Calm	ESE	ENE	E	17.7	29.2	75.9	76.9	199.7	5	Ci.	Cu. NE	5	Ci. WSW	Cu.
10	Calm	ENE	ENE	E	ENE	NE	10.2	68.9	91.5	57.9	228.5	6	Ci. WNW	Cu.	8	-----	Cu.-N. NE
11	Calm	NE	NE	NE	NE	NE	9.1	72.9	96.9	84.7	263.6	1	Ci.	Cu.	9	-----	Fr.-N. NE
12	NE	NE	NE	NE	NE	NE	78.9	101.4	103.8	91.9	376	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
13	NE	NE	NNE	NE	ENE	NE	78.9	86.9	96.9	91.1	353.8	9	-----	Fr.-N. NE	10	-----	Fr.-N. NE
14	NE	E	E	Calm	Calm	NE	73	84.8	19.9	68.2	245.9	10	-----	N.	10	-----	N.
15	NE	NE	ENE	E	ENE	E	60.6	68.4	80.7	67.8	277.5	1	-----	Cu. NE	1	-----	Cu. E
16	NE	NE	ENE	ENE	NE	NE	45.6	67.8	72.9	73	259.3	8	-----	Fr.-N. ENE	5	A.-Cu.	Cu.-N. ENE
17	NE	NE	NE	E	ENE	E	54.4	62.8	85.9	70.2	273.3	9	-----	Fr.-N. NE	8	A.-Cu. ESE	Cu. ENE
18	NE	NE	NNE	E	NE	NE	52.9	42.3	40	41.6	176.8	3	-----	Cu.-N. E	10	Ci.-S.	Fr.-N. E
19	Calm	Calm	ENE	E	E	E	19	36	57.4	37.6	150	10	Ci.-S.	N. E	8	A.-Cu.	Cu.-N. SE
20	NE	NE	ENE	E	ENE	E	-----	-----	69.8	46.2	-----	2	Ci.	Cu. E	4	A.-Cu. SSW	Cu.
21	NE	NE	E	E	E	E	42.3	65.4	70.2	67.3	245.2	3	Ci.	Cu. E	4	Ci. SSE	Cu.
22	NE	NE	ENE	NE	E	NE	55.7	62	81.9	62	261.6	5	A.-Cu. SE	Cu. E	1	Ci.	Cu.
23	E	Calm	NE	E	NE	NE	28	38	76.4	57.3	199.7	10	-----	N. ENE	10	-----	N.
24	Calm	E	E	E	ENE	ENE	23.8	58.9	103.3	59.5	245.5	10	-----	N. NE	4	Ci. W	Cu. ESE
25	E	E	ENE	E	E	NE	58.7	44.5	75.1	53.1	231.4	0	-----	-----	1	Ci.	Cu.
26	NE	Calm	ENE	E	ENE	E	39.1?	67.9?	73.2	-----	-----	8	-----	Cu.-N. ENE	1	-----	Cu.
27	NE	NE	NE	E	ENE	E	-----	71.6	86.9	78.1	-----	4	-----	Cu. E	1	-----	Cu.
28	E	NE	ENE	E	ENE	NE	55.8	66	73.4	36.5	231.7	3	-----	Cu.-N. ENE	6	-----	Cu.-N. ENE
Mean	-----	-----	-----	-----	-----	-----	50.5	65.4	80.2	65.1	261.9	5.5	-----	-----	6	-----	-----

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 4.2 meters; gravity correction not applied, —1.77 mm.]

MARCH, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.43	59.59	60.64	58.66	58.74	59.95	25	23.1	29	30.1	27	25.9	31.4	22.9	82	87	69	65	77	84	-----
2	59.64	59.53	61.48	59.37	59.67	60.88	25.4	25.2	30.2	30.1	27.5	26.4	31.8	24.4	83	82	67	64	66	77	0.5
3	60.08	60	61.22	58.91	58.98	60.39	25.9	25.6	29.3	29.6	27	26	31.2	24.5	80	83	63	67	77	83	1.3
4	59.85	59.78	61.12	59.03	59.22	61.04	25.1	22.6	29.5	29.8	27	26.4	31.2	22	83	90	65	63	76	76	-----
5	60.27	60.63	61.70	59.88	59.77	61.18	25.2	24.8	28.2	30	26.9	26.1	31.8	24.1	78	79	71	59	71	76	1
6	60.19	60.60	62.19	60.08	60.17	60.79	25.2	25.3	29.5	29.9	26.2	25.8	31.2	23.4	81	85	66	65	76	78	-----
7	60.18	60.07	61.13	59.23	59.52	60.34	24.8	25.3	29.9	30	26.9	25.9	31.2	22.6	81	81	62	62	74	81	-----
8	59.79	59.63	60.52	58.60	58.53	59.64	25.2	24.9	30	30.1	26.5	25.4	31.9	24.2	79	76	61	56	73	80	.5
9	59.29	59.48	60.54	58.57	58.33	59.69	25.1	25.7	30	30.9	27	26.1	31.9	24.1	81	78	62	60	73	79	-----
10	59.07	59.01	60.22	58.33	58.22	59.48	25.5	25.7	29.5	30.6	27.2	26.2	32.1	24.5	78	78	66	62	75	81	.2
11	58.73	58.76	59.86	57.74	57.35	58.60	26	25.6	28.5	29.9	27.5	26.5	31.2	24.7	73	82	68	62	67	84	6.6
12	58.09	58.07	59.34	57.60	57.73	59.07	26.3	25.1	29	25.2	26	25.8	30.7	23	83	84	69	87	81	81	4.6
13	58.87	59.05	60.33	58.26	58.70	60.52	25.3	24.9	28.5	30	26.7	25.5	31.8	22.8	84	87	70	59	74	77	5.6
14	60.17	60	61.08	59.09	59.77	60.73	25.1	25.8	28.4	27.2	24.5	25.6	30.2	23.2	77	81	68	75	92	88	13.2
15	59.92	60.03	61.78	59.49	59.98	60.99	25.5	25.1	27.6	28.8	27	26.6	30.5	23.6	87	88	81	69	77	79	7.9
16	59.98	60.02	60.90	59.22	59.06	60.70	26	25	28	24.7	25.5	23.3	28.5	22.1	82	88	77	91	80	94	9.9
17	59.53	59.39	60.51	58.37	58.58	59.98	22.9	22.3	29.2	29.8	26.9	25.6	31.1	21.2	92	96	74	67	77	78	12.4
18	59.24	59.42	60.80	58.47	59.35	60.55	25	23.8	25	29.5	27.1	26.1	31.1	23	82	96	90	64	74	79	1.3
19	59.82	59.62	60.95	59.05	59.37	60.95	25.8	25.5	27.5	27.4	25.6	26	28.7	22.4	78	79	81	73	85	84	32.3
20	59.87	59.29	60.39	58.24	58.39	59.13	25.5	25.4	28.8	29	27.1	27	30.5	24	86	88	74	68	75	76	4.6
21	58.15	58.16	58.61	56.86	56.60	57.85	24	25	27.1	25.9	25.1	25	28.2	22.7	91	87	73	84	90	91	11.2
22	57.54	57.20	57.53	55.85	55.96	57.12	24.9	25.3	27	26.3	26.5	25.5	28.1	24.1	90	88	82	86	84	88	31.8
23	55.94	56.61	58.59	56.96	57.63	58.94	25.2	24.9	25	25.5	25	25.9	26	23.5	89	94	96	84	90	88	24.4
24	58.29	58.20	59.97	57.65	58.38	60.42	26	26.1	28.3	28	27.2	26	29.5	24.6	85	85	77	78	81	89	3
25	59.94	60.13	61.89	59.81	60	61.90	25.8	25.6	26.7	28.4	26.9	25.7	29.5	22.9	87	86	83	75	80	88	22.9
26	61.22	61.58	62.53	60.38	61.12	62.60	25.2	24.7	27.7	26.7	25	26	29.9	23.8	91	93	76	83	92	84	8.6
27	61.39	61.53	62.83	60.69	60.99	62.34	26	26.3	29.5	29.8	27.5	26.4	30.3	23.9	84	82	68	65	72	78	.5
28	61.59	62.02	62.62	60.46	60.82	61.93	25.8	25.2	29.3	29.7	26.9	26.4	30.8	24.5	82	90	69	71	78	80	.5
29	61.09	61.54	62.36	60.33	60.72	62.09	25.7	25.6	30	30	27.5	26.1	30.6	24.9	83	84	68	69	78	84	2.3
30	61.32	61	61.96	59.73	59.93	61.35	25.8	25.6	29.6	29.4	27.4	25.9	30.8	24.5	84	86	67	70	74	78	-----
31	60.73	60.40	61.44	59.55	59.87	61.43	25.6	26	29.8	30.1	26.9	26.4	31.4	24.4	78	81	68	68	78	79	-----
Mean	59.65	59.69	60.87	58.85	59.08	60.41	25.3	25.1	28.6	28.8	26.6	25.9	30.5	23.6	83	85.3	72	70	78	82	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	207.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	ENE	E	ENE	NE	31.7	58.2	67.4	52.6	209.9	1	Ci.	Cu.	3	-----	Cu. ENE
2	NE	NE	ENE	E	ENE	ENE	41.5	80.7	79.4	86.3	287.9	4	-----	Cu. NE	1	A.-Cu. ESE	Cu.
3	NE	NE	ENE	E	ENE	NE	65.4	75	91.7	55.8	287.9	2	A.-Cu.	Cu. E	4	-----	Cu. E
4	Calm	Calm	ENE	E	ENE	E	-----	-----	83.4	67.9	-----	7	-----	Cu.-N. ENE	3	Ci.	Cu. E
5	NE	NE	ENE	E	E	ENE	51.8	85.1	95	74.3	306.2	1	Ci.	Cu.	1	Ci.	Cu.
6	NE	NE	ENE	E	E	NE	59.5	70.5	79.1	32.8	241.9	3	Ci.	Cu. E	1	Ci.	Cu.
7	Calm	NE	E	E	ENE	NE	24.6	69.7	77.7	38.8	210.8	8	-----	Cu.-N. NE	0	-----	-----
8	NE	NE	ENE	E	E	NE	53.6	80.3	70.3	52.1	256.3	1	A.-Cu. ENE	Cu.	2	Ci.	Cu. ENE
9	NE	ENE	ENE	E	ENE	NE	50.7	70.8	66.3	59.8	247.6	4	-----	Cu.-N. E	1	Ci.	Cu.
10	NE	NE	NE	E	NNE	ENE	48	62.8	69	48.5	228.3	4	-----	Cu. E	4	Ci. S	Cu.
11	ENE	NE	ENE	E	ENE	ENE	56.3	86.7	66.3	65.2	274.5	6	-----	Cu.-N. NE	7	Ci.	Cu. NE
12	ENE	NE	NE	ENE	NE	NE	36.2	65.5	59.5	52	213.2	8	-----	Cu.-N. E	8	Ci.-S.	Cu.-N. E
13	NE	N	ENE	E	ENE	E	33.6	60.7	91.5	63.4	249.2	6	Ci.	Cu.-N. E	8	Ci.-S. W	Cu.
14	ENE	NE	NE	NE	ENE	ENE	59.7	102.5	78.3	-----	-----	3	Ci.	Cu.	10	Ci.-S.	Cu.-N. NE
15	E	NE	ENE	ENE	ENE	ENE	-----	-----	72.6	66.5	-----	5	-----	Cu.-N.	10	Ci.-S.	Cu. ENE
16	NE	Calm	NNE	ESE	NE	Calm	53.6	54.2	46.4	27.4	181.6	9	Ci.-S.	Cu.-N. ENE	10	-----	Fr.-N. E
17	Calm	Calm	ENE	ENE	NNE	ENE	5.3	22.5	63	43.7	134.5	4	Ci.	Cu. NE	3	Ci.	Cu.
18	NE	ENE	E	E	ENE	ENE	29.3	54.2	92.3	78.1	253.9	6	-----	Cu.-N. ENE	1	Ci.	Cu.
19	NE	NE	ENE	ENE	ENE	ENE	58.4	74.3	76.9	74	283.6	8	-----	Cu.-N. NE	6	Ci.	Cu. ENE
20	ENE	NE	ENE	E	ENE	NE	60.2	80.3	69.4	79.7	289.6	7	-----	Cu.-N. NE	10	Ci.-S.	Fr.-N. NE
21	E	ENE	ENE	NNE	NE	ENE	93.9	72.6	92.2	89	347.7	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
22	NE	NE	NNE	ENE	ENE	NE	76.4	90.9	98.7	90.9	356.9	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
23	ENE	E	E	E	ENE	E	116.4	120.9	97.4	76.7	411.4	10	Ci.-S.	N. E	10	Ci.-S.	Fr.-N. ESE
24	ESE	E	E	E	E	E	82.9	85.6	88.7	64.9	322.1	8	Ci.-S.	Cu. E	7	Ci.-S.	Cu.-N. ESE
25	NE	NE	ENE	E	ENE	ENE	38.9	67.4	67.6	47.3	221.2	6	-----	Cu.-N. E	8	Ci.-S.	Cu. E
26	NE	NE	ENE	ENE	ENE	E	54.7	70.2	95.6	72.1	292.6	6	-----	Cu.-N. E	10	-----	Fr.-N. NE
27	E	ENE	E	E	ENE	ENE	59.7	95.8	101.2	45.1	301.8	4	A.-Cu.	Cu. ENE	1	-----	Cu.
28	NE	NE	ENE	E	ENE	E	49.7	64.4	65.2	74.6	253.9	1	-----	Cu. E	2	-----	Cu.-N. ENE
29	NE	ENE	ENE	E	E	NE	53.6	72.7	84.7	65.4	276.4	2	-----	Cu.-N. E	1	-----	Cu.-N.
30	NE	NE	ENE	E	E	NE	55.2	71	76.6	45.1	247.9	1	-----	Cu.	1	Ci.	Cu.
31	E	E	ENE	E	E	ENE	46.1	75.8	75.9	59	256.8	2	-----	Cu.-N. ENE	0	-----	-----
Mean	-----	-----	-----	-----	-----	-----	53.3	73.8	78.7	61.6	265.9	5.1	-----	-----	4.9	-----	-----

LEGASPI.

[φ=13° 09′ N; λ=123° 45′ E; barometer above sea, 4.2 meters; gravity correction not applied, —1.77 mm.]

APRIL, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.74	60.67	61.57	59.58	60.01	61.37	26	26.1	27.5	29.6	27.4	26.9	30.9	25.2	80	82	81	66	76	79	2
2	60.54	60.08	61.74	59.57	60.29	61.64	26.1	26	29.6	29.7	27.6	27	31.1	24.6	82	81	70	70	76	81	.3
3	60.67	60.74	61.82	59.97	60.37	61.98	26.8	26.1	27	27.7	27.4	26.7	30.6	23.3	82	87	84	83	79	82	14
4	60.98	60.95	61.79	59.78	60.16	61.15	25.8	25.1	30.4	30.6	27.5	26.7	31.3	23.9	86	89	68	68	78	83	
5	60.17	60.39	61.39	59.51	59.26	60.57	26.1	25.7	30.6	30.2	27.4	26.1	31.8	23.7	83	83	66	64	76	82	
6	59.73	59.64	60.17	57.73	57.49	58.87	25.8	22.4	29.5	31	28.5	23	32.3	21.6	79	93	62	63	70	90	
7	58.22	58.33	59.83	57.13	57.26	58.91	22.5	22.4	29.5	30	28.4	26.9	32.1	21.4	91	94	70	69	75	80	
8	58.88	59.10	59.98	58.03	58.57	60.26	25.2	25	30	30.5	27.9	27.1	32	23.9	86	83	62	62	75	81	
9	59.69	60.02	60.62	58.46	59.13	60.69	26.5	23.8	30.9	31	27.6	27	32	22.6	80	91	56	62	77	81	
10	60.08	60.10	60.87	58.70	59.34	60.48	26.4	25.7	30.9	30.6	27.6	27	32.1	25	81	81	65	62	73	77	
11	59.92	60.03	60.87	59.12	59.74	61.17	26.7	26	29.6	30.8	27.9	26.8	31.5	25.3	78	83	63	54	71	77	
12	60.68	60.59	61.56	59.76	60.31	60.98	26.1	26.3	31.5	31.1	28	26.7	32	25.4	79	81	59	56	74	82	.3
13	60.29	60.25	60.82	59.37	59.18	60.73	26	26.2	30.5	27.2	26.9	26.4	31.4	24.5	83	82	65	81	85	86	7.9
14	59.64	59.57	60.22	58.51	59.06	60.15	26	26.4	29.7	31.1	28.1	26.9	32	25	87	86	71	65	80	84	12.7
15	59.37	59.30	60.38	57.95	58.55	59.64	25.9	26.1	30.3	30.5	28	26.9	31.5	23.6	84	84	72	66	77	82	
16	58.80	58.75	59.82	58.10	58.47	59.70	26.9	26.8	30.2	30.7	27.8	26.9	31.9	26	81	81	64	56	71	77	
17	58.90	59.39	60.31	58.13	58.58	59.87	26.7	26.3	31	30.7	28	26.6	31.9	25.6	79	82	61	62	74	83	
18	59.70	59.59	60.67	58.66	58.96	60.42	26	26.3	29.8	30.6	27.6	26.9	31.9	25	84	82	66	65	77	82	
19	59.67	59.64	60.27	57.77	53.05	59.35	26.1	25.3	30	30.7	28	26.4	31.9	24.9	84	85	63	64	74	80	.5
20	58.61	58.89	59.52	57.72	57.90	59.83	26.2	26.3	31	31.5	28	26.6	32.7	25.1	79	78	60	56	70	77	
21	58.92	59.08	59.92	58.08	58.24	59.73	26.5	26.4	31.3	30.7	28	26.6	32.2	25.9	77	79	61	64	76	80	
22	58.90	59.70	60.22	58.03	57.93	59.62	26.4	26.8	30.5	30.6	28	26.4	31.9	24.7	80	77	56	57	69	76	
23	59.05	59.18	59.67	57.96	57.86	59.26	26.4	23	30.9	31.5	28.9	27.1	32.5	21.5	76	91	60	59	64	75	
24	58.92	59.08	59.73	58.05	58.17	59.53	26.8	26.4	30.5	31.3	27.7	27	32.1	25.6	74	70	62	55	75	78	
25	58.84	59.33	59.91	57.98	58.68	60.29	26.7	24	30.4	31.6	27.7	26.9	32.2	23.1	77	89	63	56	73	78	
26	59.37	59.39	60.15	57.92	58.22	59.77	26.8	26.8	30.3	31.1	28.2	26.9	32.2	25.4	77	74	60	58	72	81	
27	59.01	58.88	59.95	57.31	57.71	59.26	27.1	26	29.2	31.3	28.5	27.9	32.3	25.5	80	87	74	59	78	75	
28	58.34	58.60	59.30	57.09	57.56	58.86	27.1	23.9	31	31.6	28.5	27.4	32.8	23.5	77	92	62	62	74	81	
29	58.15	58.55	59.20	57.12	57.49	58.91	27	24.6	30.5	31.7	28.7	27.5	32.5	24.1	80	91	64	59	65	73	
30	57.88	58.35	59.47	57.44	57.92	59.22	26.1	22.6	30.3	32	28.3	26.1	33.5	22	75	92	64	61	74	88	
Mean	59.42	59.54	60.39	58.35	58.68	60.07	26.2	25.4	30.1	30.6	27.9	26.7	32	24.2	80.7	84.3	65.1	62.8	74.3	80.4	
Total																					37.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	E	E	E	ENE	E	60.9	67.6	70	70.8	269.3	1		Cu. E	6	A.-Cu. ENE	Cu.
2	ENE	ENE	E	E	ENE	E	72.4	72.7	89.6	74	308.7	1		Cu. NE	2	A.-Cu.	Cu.-N. ENE
3	E	ENE	E	E	E	ENE	74.2	53.1	64.9	62.8	255	5		Cu.-N. E	9		Cu.-N. ENE
4	E	Calm	ENE	E	E	E	33	38.8	57.4	68.6	197.8	1		Cu. ENE	1		Cu. NE
5	NE	Calm	ENE	E	E	NE	21.1	50.9	67	24.9	163.9	8		Cu.-N. NE	0		
6	Calm	Calm	ENE	E	Calm	Calm	6.6	24.6	40.7	2.2	74.1	0			0		
7	Calm	Calm	ENE	E	E	E	1.9	26.8	58.7	44.6	132	0			3		Cu. S
8	Calm	Calm	E	E	E	Calm	9.2	32	74.3	38	153.5	5		Cu.-N. E	1	Ci.	Cu.
9	E	Calm	E	ESE	E	E	20.1	25.1	64.1	62.8	172.1	0			0		
10	E	Calm	E	E	E	E	52.5	49.1	96.8	62.3	260.7	0			0		
11	E	ENE	E	E	E	E	44.3	65.2	76.6	50.5	236.6	4		Cu.-N. E	1		Cu.
12	E	E	ENE	E	ENE	E	40.8	68.7	72.9	57.7	240.1	1		Cu.-N.	0		
13	E	E	E	E	ENE	NE	51.2	76.4	60.2	58.4	246.2	6		Cu.-N. E	3		Cu.-N. ENE
14	NE	ENE	ENE	E	ENE	NE	47.2	70.5	62	42.3	222	4		Cu. E	2	A.-Cu.	Cu. E
15	Calm	E	ENE	E	E	NE	33.8	68.7	87.5	43.7	233.7	5	Ci. W	Cu.	1	Ci. W	Cu.
16	E	ESE	ENE	E	ENE	NE	55.3	73	75.6	58.2	262.1	6	Ci. W	Cu. E	5	Ci. W	Cu.
17	E	E	ENE	E	ENE	NE	46.2	75.1	68.2	34.6	224.1	4	Ci.	Cu.-N.	2	Ci. W	Cu.
18	Calm	Calm	E	E	ENE	E	20.4	48.6	77.5	54.4	200.9	3	Ci.	Cu. E	2	Ci.	Cu.
19	Calm	Calm	ENE	E	E	Calm	18	54.4	76.2	42	190.6	1		Cu.-N. NE	1		Cu.
20	NE	Calm	ENE	ENE	E	Calm	30.3	43.1	51.8	33.5	158.7	0			1	Ci.	Cu.
21	E	Calm	ENE	ENE	E	NE	50.9	40.8	74	50.9	216.6	1		Cu.	0		
22	Calm	Calm	ENE	E	E	NE	35.4	37.5	66.6	32	171.5	0			1	Ci.	Cu.
23	E	Calm	ENE	E	E	E	22.2	28.5	55.3	48.1	154.1	0			1		Cu.
24	NE	ENE	ENE	ENE	E	ENE	34.9	73.2	75.4	54.5	238	1		Cu.	1	Ci.	Cu.
25	E	Calm	E	E	E	ENE	40.2	47	84.2	54.2	225.6	1	Ci.	Cu.	2	Ci.	Cu.
26	E	E	ENE	E	E	NE	52	62.3	71.8	49.7	235.8	1	Ci.	Cu. ENE	1	Ci.	Cu.
27	SE	Calm	ENE	E	SE	E	39.4	44.5	63.4	53.9	201.2	4		Cu. E	1	Ci.	Cu.
28	ESE	Calm	ENE	ESE	ESE	ESE	25.7	34.3	61.5	50.9	172.4	1	Ci.	Cu.	1	Ci.	Cu.
29	E	Calm	ENE	E	E	E	34	33.2	56.5	26.8	150.5	1	Ci.	Cu.	1		Cu.
30	Calm	Calm	E	E	ENE	E	3.2	19.9	68.4	52.3	143.8	0			1	A.-Cu.	Cu.
Mean							35.9	50.2	69	48.7	203.7	2.2			1.7		
Total											6,111.6						

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 4.2 meters; gravity correction not applied, —1.77 mm.]

MAY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.93	57.78	59	57.41	58.13	59.11	25.8	25.9	30.5	31.5	28.7	27.7	32.5	23.6	86	85	65	57	74	80	------
2	58.57	58.59	59.80	57.76	58.31	60.06	26	25.9	30.5	32	28.2	27.8	32.8	23	90	88	66	63	80	79	4.3
3	59.37	59.33	59.61	58.11	58.13	58.97	26.6	26.9	30.7	31.4	29	27.7	32.3	25.3	86	84	70	66	76	80	10.4
4	58.20	58.49	59.72	57.76	57.76	59.07	27	25.4	30.7	31.2	28.8	27.7	32.6	25.3	84	96	71	68	78	82	.8
5	58.32	58.02	58.87	57.03	57.31	58.50	27.2	26.7	31	30.2	28.9	27.6	32.7	25.9	87	90	69	74	79	85	16.8
6	57.63	57.76	58.67	56.88	56.84	58.35	27	25.6	31.7	30.6	27.8	26	32.2	24.3	86	91	68	71	86	88	8.9
7	57.53	57.45	58.80	56.73	56.99	57.99	26.4	26.7	26	29.7	28.1	27.1	30.7	25	86	86	92	72	84	87	8.6
8	57	57.14	58.10	56.04	56.48	57.83	26.9	27.1	31.5	31.5	29	27.2	32.5	25.3	88	87	72	66	81	86	15.2
9	57.50	57.54	58.69	56.99	57.83	59.65	25.7	25.3	27.2	28	25	24.9	28.5	24.3	93	94	90	82	92	92	7.6
10	58.74	59	59.83	58.14	58.39	60.02	24.7	24.5	30.5	29.6	27	27	31.8	23.4	94	96	64	74	89	86	------
11	59.70	59.83	59.90	58.20	58.63	60.11	25	23.9	30.5	32.4	29.1	27.9	33.2	22.6	92	96	72	64	77	84	4.1
12	58.97	58.90	59.51	58.11	58.37	59.56	27.2	26.4	30.6	30.5	28.7	27.9	32.2	25	87	90	72	69	80	84	------
13	58.42	58.40	58.82	57.32	57.72	59.09	27.7	27.1	31	31	28.7	27.4	32.7	26.5	84	84	67	69	73	78	------
14	58.48	58.51	58.82	57.51	57.46	59.64	25.2	24.7	30.5	31.1	28.9	27.9	32.1	22.4	88	87	64	62	73	78	------
15	58.75	58.67	58.96	57.12	57.68	59.57	25.8	26.2	31	31.5	28.7	26.7	32.6	24.2	88	86	65	63	73	83	------
16	58.69	58.61	59.96	57.35	57.74	59.21	23.3	22.8	29.5	32.1	29	26.9	33.6	21.6	88	85	71	60	68	82	------
17	58.39	58.38	59.10	57.69	58.39	60.14	26	25.6	31.8	31.1	27.7	26.9	33.5	24.5	87	92	62	67	84	82	------
18	59.18	59.08	60.21	58.16	58.97	60.38	25.2	24.1	31.2	32.1	29.2	28.4	32.9	22.9	90	94	66	61	76	79	------
19	59.43	59.73	60.58	58.43	58.36	59.27	27.1	25.5	31.4	31.1	28.5	26.7	32.6	24.2	85	92	64	60	72	80	------
20	58.48	58.93	59.40	57.57	57.62	59.31	26.2	25.5	31.7	31.7	28.7	27.7	32.6	24.4	82	83	62	60	73	77	------
21	58.35	58.67	59.05	57.70	58.34	60.14	26.9	26.4	31.8	31.6	29	28.1	32.8	24.1	82	87	64	66	78	77	------
22	59.53	59.64	59.63	58.16	58.61	61.18	27.6	26.5	31.7	31.1	29.3	28.4	32.9	25.4	79	85	59	69	76	79	------
23	60.44	60.71	60.85	59.24	58.75	60.58	27.5	27.9	31	31.6	28.9	27.4	33.1	26.1	81	80	69	66	72	81	------
24	59.94	59.84	59.98	57.76	57.66	58.83	27	25.9	31.7	31.6	29.1	28	32.5	24.5	81	85	68	68	77	85	2
25	58.38	58.70	58.80	56.45	56.89	58.63	27.2	26.5	31	32.6	29.5	27	33.4	25.1	85	89	69	63	79	90	------
26	58.20	58.84	58.31	56.42	57.37	59.07	26	25.6	33	31.3	28.9	26.4	34	24	93	91	62	68	76	92	2.5
27	58.20	58.49	58.58	56.46	57.42	59.07	25.9	25.9	30.8	30.4	29	25.6	34.1	23.4	90	85	65	72	78	90	------
28	58.15	58.75	58.49	56.56	56.89	58.66	24.8	24.1	31.1	30.7	29.2	28.5	32	23.3	92	95	69	69	76	81	------
29	57.42	58.18	58.67	57.36	57.74	58.52	26.1	25	31.5	31.2	29.4	28	32.6	24	91	92	66	64	76	80	.3
30	57.83	56.65	58.06	56.47	56.37	57.82	27.8	27.7	30.6	31.2	29	28.3	32.1	26.7	79	76	65	68	75	78	------
31	57.02	56.98	57.96	56.15	57.13	59.17	27.9	27.8	32	31.6	28.6	27.4	33	26.7	79	81	63	56	74	81	4.8
Mean	58.48	58.57	59.18	57.39	57.75	59.27	26.3	25.8	30.8	31.1	28.6	27.4	32.6	24.4	86.5	88.1	68.1	66.4	77.6	82.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	86.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	E	ENE	E	E	E	45.3	74.3	100	35.4	255	1	Ci.	Cu. NE	0	------------	------------
2	Calm	Calm	E	E	ESE	NE	2.9	55.2	70.3	59	187.4	1	A.-Cu.	Cu. ENE	1	Ci.	Cu.
3	E	E	ENE	E	E	NE	49.6	55.8	88.3	57.6	251.3	2	------------	Cu. NE	1	------------	Cu.
4	NE	Calm	ENE	E	NNE	NE	42.8	37.3	71.1	------	------	9	------------	N.	1	------------	Cu.
5	NE	Calm	ENE	E	E	ENE	40.8	47.2	64.7	40.4	193.1	7	------------	Cu.-N. E	8	Ci.-S.	Cu. ESE
6	E	Calm	E	E	E	ENE	37	54.2	58.4	48	197.6	8	------------	Cu.-N. E	5	Ci.	Cu.
7	E	ENE	Calm	ENE	ENE	NE	43.7	37.8	42.8	38.6	162.9	4	Ci.	Cu.-N. E	6	A.-Cu. SSW	Cu.
8	NE	Calm	ENE	ENE	ENE	Calm	36.5	25.7	58.1	16.7	137	8	------------	N. NE	3	Ci.	Cu.-N.
9	Calm	Calm	Calm	W	Calm	Calm	1.9	7.5	16.1	2.9	28.4	10	Ci.-S.	N. E	10	Ci.-S.	Fr.-N. SE
10	Calm	Calm	Calm	E	Calm	E	5.6	23.3	29.6	16.7	75.2	6	Ci. W	Cu.	9	------------	Cu.-N. S
11	Calm	Calm	ENE	E	ENE	E	4.5	25.7	66.3	49.6	146.1	6	Ci. W	Cu.	3	Ci.	Cu.
12	E	Calm	ENE	E	ENE	E	31.4	47.5	79.2	53.3	211.4	7	Ci. W	Cu.	6	Ci.-S.	Cu.-N. SE
13	E	Calm	ENE	E	E	E	43.8	45.4	75.8	51	216	7	Ci. NW	Cu.	3	Ci. WNW	Cu.
14	Calm	Calm	E	E	E	Calm	3.8	38.9	78.3	41.2	162.2	1	Ci.	Cu.	1	Ci.	Cu.
15	Calm	Calm	ENE	E	E	Calm	13.5	35.4	97.4	17.1	163.4	2	Ci.	Cu.	1	Ci.	Cu.
16	Calm	Calm	Calm	E	E	Calm	1.4	15	57.7	10.3	84.4	4	Ci. WNW	Cu.	5	Ci.-S.	Cu. ENE
17	Calm	Calm	SW	SSW	Calm	Calm	1.8	33	21.9	2.2	58.9	4	A.-Cu. N	Cu.	9	------------	Cu.-N. S
18	Calm	Calm	ESE	E	E	E	1.9	29.5	63.8	55.8	151	3	Ci.	Cu.	1	Ci.	Cu.
19	Calm	Calm	ENE	E	E	Calm	10.7	67.8	92	38.3	208.8	3	Ci.	Cu.	1	Ci.	Cu.
20	E	Calm	ENE	E	E	Calm	31.9	40	70	46.9	188.8	2	Ci.	Cu.	1	A.-Cu.	Cu.
21	Calm	Calm	E	E	E	Calm	15.3	57.6	92.7	31.2	196.8	0	------------	------------	2	------------	Cu. ESE
22	E	Calm	ENE	E	ENE	E	26	51	89.3	45.4	211.7	0	------------	------------	0	------------	------------
23	Calm	Calm	E	E	E	Calm	26.2	53.7	93.9	17.4	191.2	0	------------	------------	3	Ci. W	Cu.
24	Calm	Calm	ENE	E	E	NE	15.3	37.6	63.4	46.2	162.5	4	A.-Cu.	Cu.	1	Ci.	Cu.
25	E	Calm	E	E	E	Calm	11.6	32	56.1	2.1	101.8	2	Ci.	Cu.-N. E	2	------------	Cu.-N. SSE
26	Calm	Calm	E	E	E	Calm	1.9	29.6	48.5	1.6	81.6	5	Ci. N	Cu.	3	------------	Cu.-N. S
27	Calm	Calm	W	Calm	Calm	Calm	4.6	15.5	------	------	------	1	Ci.	Cu.	9	Ci.-S.	Cu.-N. S
28	Calm	Calm	Calm	E	ENE	E	------	------	70.8	43.8	------	10	Ci.-S.	Cu.	7	Ci.-S. N	Cu.
29	Calm	Calm	E	E	ENE	NE	3.5	50.5	91.7	45.1	190.8	3	A.-Cu. SE	Cu.	2	Ci.	Cu. SSE
30	ENE	ENE	E	E	E	E	84.8	72.7	86.7	61.2	305.4	10	Ci.-S.	Cu. ENE	3	Ci.	Cu. E
31	E	E	ENE	E	E	Calm	51	55.5	81.6	11.6	199.7	1	Ci.	Cu.	3	Ci. NW	Cu.
Mean	------	------	------	------	------	------	23	41.7	69.2	34	168.6	4.2	------------	------------	3.5	------------	------------

LEGASPI.

[φ=13° 09′ N; λ=123° 45′ E; barometer above sea, 4.2 meters; gravity correction not applied, −1.77 mm.]

JUNE, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.									Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.09	57.90	58.67	57.21	57.12	59.24	26.8	26.6	31.2	31.6	29	27.9	32.2	25.5	84	88	64	63	75	79	------
2	58.29	58.70	59.05	57.24	57.38	58.79	27.6	27.8	31.2	31.6	29.5	26.9	32.6	24.9	80	81	67	63	72	86	8.1
3	58.12	58.05	59.08	57.53	57.63	59.06	26.6	26.6	26	29	27	27.5	30.2	24.7	82	80	92	77	86	86	18.3
4	58.35	58.50	59.42	57.57	57.06	58.62	27.1	27.2	31	31.5	29	27.8	31.9	25.5	84	82	67	66	71	79	2.5
5	57.95	58.25	58.62	57.32	57.71	58.71	27.2	26.8	31	31.6	28.5	27.9	32.6	25.5	83	85	72	66	80	84	3
6	58.04	58.10	58.45	57.11	57.49	59.24	27.6	26.9	30.4	31.6	29	28.1	32.1	26	85	88	73	65	78	85	------
7	58.73	58.59	59.32	57.70	58.24	59.73	27.2	25.9	31.6	31.4	29	28.2	32.6	25.1	86	90	65	68	80	83	2.5
8	59.13	58.97	59.67	57.90	58.17	59.81	27.6	27.1	30.7	32.1	29.3	26.1	32.8	25.5	86	88	71	65	75	90	2.8
9	59.39	59.35	59.23	57	57.57	59.31	25.2	25.9	31	31.7	29.7	27	32.9	24.2	92	92	69	65	73	88	------
10	58.54	58.91	58.87	56.84	57.60	58.84	26	25.8	31.2	32.5	29.8	28.1	33.6	23.9	91	88	65	63	73	82	------
11	58.22	58.18	58.80	57.30	57.39	58.93	27.9	27.9	31.4	31.4	29.1	27.7	33	26.3	81	79	66	63	75	79	------
12	58.47	58.43	59.25	57.67	58.09	59.98	26.8	26.2	31.2	31.6	29.5	28.4	32.3	24.1	85	92	67	65	74	75	------
13	59.14	59.79	60.13	58.96	58.70	60.69	27.7	26.4	30.4	25.2	25.3	24.9	31.7	24	73	79	66	88	90	93	4.3
14	59.45	59.44	59.76	58.01	58.18	60.21	25.2	27	31	32.1	29.3	26.9	33	23.6	93	84	69	65	79	88	------
15	59.27	59.50	60.32	58.71	58.93	60.13	25.8	25.6	31.9	30.9	27.6	25.5	32.6	24.1	93	91	64	55	77	91	------
16	59.22	59.43	60.70	59.24	58.34	59.89	24.9	24.2	26.9	23.6	25	23.4	31	22.4	91	94	87	99	89	96	37.3
17	59.23	59.75	60.14	58.88	58.53	59.90	23.2	24	29.6	28.8	27.3	25.9	30.8	21.8	90	92	70	72	84	88	------
18	59.15	59.23	59.71	58.46	57.44	58.95	25.2	25.9	29.6	27.4	27.1	26	29.9	24.4	89	85	77	77	85	89	3.6
19	58.77	58.55	58.82	56.82	57.03	58.14	25.4	25.7	28.6	31.1	27.9	26.6	32.6	24	90	90	74	65	78	83	31.7
20	57.92	58.16	58.35	56.44	56.38	57.79	25.1	23.5	28.7	30.2	27.7	26.9	30.9	22.6	90	96	75	66	77	77	.5
21	56.94	56.82	57.12	55.96	56.58	57.74	25.8	25.8	29.5	30.1	28.4	26	31	25	84	85	73	66	80	88	1.5
22	56.84	57.67	58.14	57.55	57.07	58.89	25	24.6	28.9	24.1	25	24	30.1	23	93	95	75	92	92	95	7.1
23	58.39	57.83	57.87	57.47	57.92	59.52	23.4	22.9	26.9	28	27.5	25.3	29.4	22.4	95	97	76	77	85	84	.3
24	58.90	58.50	58.31	57.05	57.57	59.16	25.1	26.8	31.4	31.6	28.5	27.1	33.3	22.7	83	85	66	66	80	87	------
25	58.33	58.24	58.58	57.08	57.42	58.62	25.9	24.4	30.8	31.4	28.9	27.6	32.4	23.5	88	93	73	68	80	83	------
26	57.94	58.52	58.60	56.44	57.64	59.03	25.8	24.9	30.3	31.4	28.5	25.6	34.5	24	91	93	70	63	78	91	.5
27	57.94	57.84	58.52	56.64	56.66	58.96	24.9	24.3	31.9	33.7	29.5	26.6	34.2	23.4	92	95	63	55	68	88	------
28	58.13	57.77	58.77	57.05	58.20	59.60	25.8	25	31	31.6	26.3	24.6	32.9	23.6	89	92	67	65	82	91	------
29	58.96	59.34	60.55	58.08	58.49	59.85	23.8	23.4	25.5	31.6	28	26.3	32.1	22.4	93	96	90	52	74	82	10.9
30	58.89	59.15	59.47	57.56	58.18	59.16	24.9	23.7	31.3	31.4	28.3	27.5	32.6	22.6	87	94	67	66	80	81	------
Mean	58.49	58.58	59.08	57.49	57.69	59.22	25.9	25.6	30.1	30.4	28.2	26.6	32.1	24	87.4	89	71.3	68.2	79	85.7	------
Total																					134.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	ENE	E	E	Calm	7	53.3	67.9	36.4	164.6	3	------	Cu.-N. ENE	1	------	Cu.
2	NE	NE	E	E	E	E	22.8	59	73.5	53.6	208.9	1	------	Cu.	0	------	------
3	E	E	ENE	E	E	E	56.5	55	48.1	32	191.6	10	Ci.-S.	Cu. E	9	Ci.-S.	Fr.-N. ENE
4	E	E	ENE	E	E	E	47.7	83.2	67.3	38.1	236.3	6	Ci. NW	Cu. E	1	------	Cu.
5	E	Calm	ENE	E	ENE	Calm	31.6	63.9	71.4	37.3	204.2	1	------	Cu.-N.	3	------	Cu.-N. ENE
6	Calm	Calm	E	E	E	E	21.1	49.9	70	40.2	181.2	8	Ci.-S.	Cu.-N. E	5	Ci.	Cu.
7	Calm	Calm	ENE	E	ENE	E	11.6	50.5	67.6	47.7	177.4	4	------	Cu.-N. E	5	Ci. S	Cu.
8	Calm	Calm	E	E	ENE	Calm	12.7	33.2	50.4	2.7	99	9	------	Cu.-N. E	9	Ci.-S. S	Cu.
9	Calm	Calm	E	E	Calm	Calm	.8	43.5	42.1	1.3	87.7	0	------	------	4	Ci. N	Cu.
10	Calm	Calm	E	E	E	Calm	1.1	19.6	60.9	30.6	112.2	0	------	------	0	------	------
11	Calm	E	E	E	E	Calm	16.6	41.3	54.2	15.9	128	1	Ci.	Cu.	9	Ci.-S.	Cu.
12	Calm	Calm	E	E	Calm	Calm	9.7	49.6	43.5	13.5	116.3	1	Ci.	------	5	Ci. N	Cu.
13	Calm	E	ENE	E	Calm	Calm	19.5	42.8	28.4	7.4	98.1	9	Ci.-S.	Cu.	10	------	Fr.-N. ENE
14	Calm	ENE	ENE	ENE	E	Calm	17.7	50.7	58.4	23.9	150.7	1	Ci.	Cu.	3	Ci. SE	Cu.
15	Calm	Calm	Calm	Calm	Calm	Calm	1	14.3	10.5	1.9	27.7	8	Ci.-S. NE	Cu.	8	Ci.-S. N	Cu.
16	Calm	Calm	Calm	Calm	Calm	Calm	.6	4	9.7	1	15.3	7	Ci.-S.	Cu.	10	------	N.
17	Calm	Calm	WSW	WNW	Calm	Calm	1.9	26.4	23.9	5.4	57.6	9	Ci.-S.	Cu.	10	Ci.-S.	N.
18	Calm	Calm	WSW	Calm	Calm	Calm	10.2	33.8	20.1	6.7	70.8	4	------	Cu.-N. SW	10	------	Fr.-N. SW
19	Calm	Calm	Calm	W	Calm	Calm	11.6	16.3	39.9	7.7	75.5	9	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	Fr.-Cu. SW
20	WNW	Calm	WSW	WSW	W	W	8.9	33.8	52.9	42.4	138	10	------	N. SW	10	Ci.-S.	Cu. SW
21	W	WSW	SW	WSW	Calm	Calm	41.3	46.1	34.6	1.4	123.4	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	Cu. W
22	Calm	Calm	Calm	Calm	Calm	Calm	1.6	6.1	13.4	.6	21.7	10	------	N.	10	------	Fr.-N. SSW
23	Calm	Calm	ENE	Calm	Calm	Calm	.5	13.7	14.5	1.3	30	10	------	N.	10	Ci.-S.	N.
24	Calm	ENE	ENE	E	NE	Calm	2.4	49.3	61.8	36.8	150.3	8	Ci.-S.	Cu.	1	Ci.	Cu.
25	Calm	Calm	ENE	E	E	Calm	10.3	30.4	55.3	15.6	111.6	8	Ci.-S.	Cu.	5	Ci. W	Cu.
26	Calm	Calm	Calm	SSW	Calm	Calm	6.2	16.3	38.6	.6	61.7	10	Ci.-S.	N. SE	8	A.-Cu. SE	Cu.
27	Calm	Calm	Calm	S	Calm	Calm	.6	15	30.4	2.1	48.1	4	A.-Cu. SW	Cu.	2	Ci.	Cu. S
28	Calm	Calm	Calm	E	Calm	Calm	.8	17.9	86.1	3	107.8	9	Ci.-S. NE	Cu.	1	Ci.	Cu.
29	Calm	Calm	Calm	ENE	ENE	Calm	.8	26	51.2	21.2	99.2	9	Ci.-S.	Cu.	5	A.-Cu. NNE	Cu.
30	Calm	Calm	Calm	E	ENE	NE	2.6	17.7	64.1	35.1	119.5	1	Ci. NE	Cu.	5	Ci.-S. NW	Cu.-N.
Mean							12.6	35.4	47	18.8	113.8	6			6		
Total											3,414.4						

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[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 4.2 meters; gravity correction not applied, —1.77 mm.]

JULY, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.66	57.49	57.70	56.05	56.17	57.85	24.8	23.9	31.2	31.5	29.2	25.3	33	22.9	92	93	64	62	76	86	0.3
2	56.69	56.10	57.08	55.31	55.81	57.40	24.4	24.9	29	31.2	29.2	25.8	32.8	22.6	90	92	67	66	70	90	1.5
3	56.47	56.40	57.01	55.56	56.94	58.39	25.6	25.4	30.4	31.6	27.9	27.3	32.1	24.5	90	92	69	65	82	83	6.9
4	57.44	57.15	57.98	56.87	57.75	58.66	25.2	26.9	28	28.9	24.2	26.1	30.5	22.5	93	84	81	78	95	86	30.5
5	57.95	53.01	57.96	56.38	57.19	59.20	25.6	25.5	30	31.1	26.5	25.1	32.2	23.2	90	92	73	68	88	89	37.3
6	57.73	57.72	58.47	57.01	57.41	58.14	23.6	23.3	26.5	26.6	26	25.8	28.2	22.1	95	97	88	81	88	88	13.5
7	57.47	57.65	57.89	56.71	57.39	58.90	24.7	23.8	29	29.4	25.2	23.9	31.1	23.2	93	97	71	69	90	97	15.7
8	57.96	58.06	58.44	57.56	57.86	59.21	23.7	23.7	28.7	24.6	25.5	23.9	30.7	22.5	95	94	75	97	92	97	33.5
9	58.27	58.56	57.90	56.42	57.37	58.71	23.8	23.7	29.1	31	28	25.8	32	22.6	95	94	77	65	71	89	1.8
10	58.26	57.21	57.75	56.77	57.08	57.67	25	24.6	31.5	28.4	25.5	25	31.9	23.7	91	91	60	85	92	93	17.5
11	56.80	56.82	57.71	56.39	56.05	56.65	24.9	23.5	24.7	25.7	25.6	25.4	26.5	23	92	92	96	91	91	86	51.8
12	55.56	55.92	56.06	54.80	55.30	57.28	23	22.7	24.9	28.4	24.8	23.4	29.6	21.9	99	99	92	75	91	99	116.8
13	57.18	57.26	58.07	56.48	57.02	58.99	23.3	24.3	29.1	31.6	28	25.9	32.5	22.4	98	93	74	62	77	92	.5
14	58.19	58.52	59.08	57.29	58.18	59.70	25.2	24.3	29.9	27.5	26	24.4	31.6	23.1	92	97	72	84	88	96	.5
15	58.52	59.05	59.13	57.47	58.58	60.18	23.4	22.8	29.5	30.9	28.4	26.3	31.8	21.7	97	96	71	70	78	86	.5
16	59.25	59.20	59.37	57.47	58.43	59.61	24.9	23.8	28	31.3	26	23.7	32.7	22.6	92	97	79	67	87	98	53.6
17	57.57	57.61	57.93	56.64	56.93	58.65	23.3	23	28.5	30.2	27.5	25	30.8	21.8	96	97	78	76	83	95	.3
18	57.84	57.56	58.09	57.02	57.48	59.32	23.7	23.9	30.4	28.9	28	25.9	32.3	22.5	97	95	69	79	85	94	2.5
19	58.50	59.21	61.36	57.55	58.52	59.62	25.4	25	24.5	27.6	26.9	24.9	28.7	22.6	93	92	84	81	85	92	4.8
20	59.16	59.19	59.69	57.94	58.31	58.95	23.9	23.7	26.6	26.5	25.4	23.9	30	23	95	95	84	88	87	96	10.7
21	57.86	57.83	58.21	56.38	57.01	58.15	23.8	23.9	27.7	27.7	25.6	23.7	29.2	22.2	96	97	78	79	87	95	4.1
22	57.63	57.77	57.82	56.67	57.22	58.70	23.5	23.6	28.8	27.8	27	25.1	31.6	22	95	95	75	84	87	90	7.1
23	57.87	58	58.24	56.13	57.25	58.01	25.1	25.3	30.8	30.4	26.9	26.1	32.1	23	90	92	69	65	88	86	.5
24	56.96	56.82	56.72	55.51	55.74	56.74	25	24.4	29.5	27.2	25	24.7	31.7	23	90	93	74	83	92	93	1.8
25	55.96	55.45	55.73	54.84	54.94	56.17	24.3	24.1	28.6	27.9	26.5	26	30.9	23.4	95	95	79	83	85	88	11.9
26	55.99	55.16	55.93	54.49	55.03	57.01	26	25.7	27	29.7	28.1	25.5	31	24.5	87	91	88	71	75	93	2.8
27	55.85	55.57	56.07	54.86	55.37	56.79	25.9	26	29.5	32.5	26.9	24.8	33	24.1	88	85	70	58	82	90	2.3
28	55.21	54.32	54.37	52.34	53.38	54.49	26	25.9	30.3	31.8	28.9	27.4	33.3	24.3	83	85	74	59	67	81	1
29	53.40	53.46	54.13	52.28	52.99	55.75	26.9	25.4	29.6	31.5	28.5	27.7	32.3	24.7	83	93	74	63	74	73	11.7
30	55.43	56.03	56.77	56.21	56.69	58.16	26	26	28.3	29	27.1	26.4	30.8	24.5	84	86	78	77	83	86	2.5
31	57.79	57.79	57.55	56.81	56.92	58.49	26	25.4	29.8	32.2	27.5	26.5	33.5	24.1	89	95	75	66	90	92	1.5
Mean	57.24	57.19	57.62	56.14	56.72	58.11	24.7	24.5	28.7	29.4	26.8	25.4	31.3	23	92.1	93.1	76.1	74.1	84.1	90.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	447.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	ENE	E	E	Calm	2.2	25.7	51.3	18.8	98	4	Ci.-S.	Cu. ESE	2	Ci.-S.	Cu.-N.
2	Calm	Calm	NE	E	E	Calm	1	18.3	60.4	13.9	93.6	2	Ci.-S.	Cu.	8	Ci.-S. W	Cu. ESE
3	Calm	Calm	E	E	Calm	Calm	.8	23.1	68.2	25.2	117.3	5	------	Cu.-N. E	9	Ci.-S.	Cu. E
4	Calm	Calm	NE	E	Calm	NE	18.2	18.2	48	20.3	104.7	9	Ci.-S. NW	Cu.	9	Ci.-S. NNW	Cu. E
5	Calm	E	E	E	Calm	Calm	25.1	53.3	47.3	10	135.7	10	Ci.-S.	Cu.-N. E	5	Ci.-S. SSE	Cu. ESE
6	Calm	Calm	NE	E	E	Calm	1.4	19.3	48.5	20.3	89.5	10	Ci.-S.	N.	10	Ci.-S.	N. E
7	Calm	Calm	Calm	E	Calm	Calm	1.1	8.5	31.7	3.5	44.8	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. ESE
8	Calm	Calm	Calm	Calm	Calm	Calm	1	11.6	15.3	1	28.9	10	Ci.-S.	N.	10	------	N.
9	Calm	Calm	Calm	Calm	Calm	Calm	3.4	20.3	20.4	2.4	46.5	9	------	N. WSW	8	Ci.-S.	Cu. W
10	Calm	Calm	W	WSW	Calm	Calm	4.3	21.4	12.4	2.7	40.8	9	A.-Cu. NW	S.-Cu.	10	Ci.-S.	Cu.-N. W
11	Calm	SW	Calm	Calm	Calm	Calm	11.6	6.2	10.5	12.3	40.6	10	Ci.-S.	Fr.-N. NW	10	Ci.-S.	Fr.-N. WNW
12	Calm	W	WSW	W	Calm	Calm	10.5	25.7	41.2	5.8	83.2	10	------	N.	9	Ci.-S.	Fr.-N. WNW
13	Calm	Calm	WSW	SW	Calm	Calm	2.9	32.7	35.4	3.2	74.2	10	Ci.-S.	Fr.-N. SSW	2	Ci.	Cu. S
14	Calm	Calm	WSW	SE	Calm	Calm	2.2	17.5	18.2	.8	38.7	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. S
15	Calm	Calm	Calm	E	Calm	Calm	.6	13.1	34.1	13.2	61	6	Ci. NE	Cu.	4	Ci. NW	Cu.
16	Calm	Calm	Calm	E	Calm	Calm	1.6	18.3	24.9	3.5	48.3	10	------	N.	6	Ci. ENE	Cu.
17	Calm	Calm	ESE	ESE	Calm	Calm	1	19.8	------	------	------	7	Ci.-S. NW	S.-Cu.	6	Ci.-S.	Cu.
18	Calm	Calm	Calm	ESE	Calm	Calm	------	------	------	------	------	2	Ci.	Cu.	10	Ci.-S.	Fr.-N. S
19	Calm	Calm	WSW	Calm	Calm	Calm	------	------	------	------	------	10	Ci.-S.	N. SW	10	Ci.-S.	N.
20	Calm	Calm	Calm	WNW	Calm	Calm	------	------	------	------	------	10	------	N.	10	------	Fr.-N. WNW
21	Calm	Calm	Calm	Calm	Calm	Calm	------	------	------	------	------	10	Ci.-S.	N.	10	Ci.-S.	N.
22	Calm	Calm	E	E	Calm	Calm	------	------	------	------	------	7	Ci.-S.	S.-Cu.	10	------	Fr.-N. S
23	Calm	Calm	Calm	SSE	Calm	Calm	------	------	------	------	------	1	Ci.	Cu.	9	------	Cu.-N. SW
24	Calm	Calm	NE	W	Calm	Calm	------	------	------	------	------	4	Ci.	Cu. S	10	------	N. SW
25	SW	W	W	W	W	W	28.5	66.6	58.5	47.2	200.8	9	Ci.-S.	N. SW	8	Ci.-S.	Cu.-N. WSW
26	W	W	WSW	W	W	W	42.3	63.8	74.8	46.1	227	10	Ci.-S.	Fr.-N. SW	10	Ci.-S.	Fr.-N. WSW
27	W	SSW	WSW	WSW	Calm	W	62.6	90.1	86.1	35.2	274	10	Ci.-S.	Fr.-N. SW	4	A.-Cu. SW	Cu. SW
28	W	SW	WSW	WSW	WSW	SW	38.6	91.9	104.9	61.5	296.9	10	Ci.-S.	Fr.-N. SW	6	Ci.-S. N	Cu. SW
29	SW	SW	SW	WSW	WSW	SW	59.3	113.7	129.2	77.7	379.9	10	Ci.-S.	Fr.-N. SW	8	Ci.-S.	Fr.-Cu. SW
30	WSW	WSW	WSW	SW	WSW	W	84.5	93.1	62.5	48.8	288.9	10	Ci.-S.	Fr.-N. SW	10	Ci.-S.	Fr.-N. SW
31	W	WSW	SW	W	Calm	W	41.5	75.8	59	26.6	202.9	5	------	Cu.-N. SW	4	------	Cu.-N. WSW
Mean	------	------	------	------	------	------	18.6	39.5	49.7	21.7	131.1	8	------	------	8	------	------

LEGASPI.

[φ=13° 09′ N; λ=123° 45′ E; barometer above sea, 4.2 meters; gravity correction not applied, −1.77 mm.]

AUGUST, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maxi-mum.	Mini-mum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.04	57.55	57.68	56.67	56.69	58.19	26.2	26	31.6	32.7	27.9	26.7	33.7	24.4	91	90	63	60	82	90	0.8
2	56.79	56.66	56.92	55.78	56.06	57.67	26.5	26.4	31.5	33	28.8	26.4	34	24.5	90	90	66	61	76	88	6.9
3	56.96	57.03	57.21	55.89	55.82	58.05	25.9	25.6	30.5	32.5	27.6	25.5	33.2	23.6	88	90	68	58	81	88	1
4	57.75	57.16	57.51	56	56.77	58.45	25	25.7	29.5	32.4	28.2	25.5	33.8	23.6	88	86	74	58	77	88	------
5	57.44	57.74	58.03	56.90	57.32	58.70	25.1	24.6	30.6	30.9	28	25.6	33	23.6	89	92	65	64	77	87	------
6	57.95	57.99	58.45	57.46	57.65	59.18	25.5	25.5	32	32.7	29.5	26	34.6	23.7	87	85	60	52	71	87	------
7	58.31	58.21	58.62	56.78	57.40	59.23	25.8	25.6	32.4	34	28.8	25.9	35.8	24.6	88	88	58	49	75	85	------
8	58.71	58.48	58.92	57.20	57.44	59.02	25.7	25.6	32	33.5	28.2	26.4	34.7	24.4	86	91	58	56	74	84	------
9	58.66	58.78	59.20	58.07	58.51	60.32	25.8	25.5	32.1	33.4	29	26.5	34	24.6	86	87	58	50	73	86	------
10	59.32	59.07	59.42	57.95	58.48	60.37	25.6	25	32	33	29	26.4	34.5	24.5	89	92	58	57	71	82	------
11	58.89	58.96	59.17	57.49	57.52	59.07	25.5	25.4	31.7	33.5	28.7	26.4	34.3	24.5	86	86	63	54	73	85	------
12	58.39	58.29	58.44	56.43	56.77	58.82	25.7	25.5	32	33.8	29.8	25.6	34.6	24.1	88	88	61	54	71	88	------
13	57.96	58.52	59.75	57.67	58.51	59.64	23.8	23.9	31.2	32.5	29.7	25.7	33.5	23	93	93	68	62	75	93	.5
14	59.02	58.94	60.09	58.87	58.63	60.40	25	24.2	30.4	28.8	28.2	26.6	32.7	23	93	94	70	65	76	83	------
15	59.29	58.97	59.13	57.63	57.22	58.78	25.3	24.5	31	32.2	29	26	34.5	24	88	87	59	56	71	84	------
16	57.95	57.34	57.52	56.67	56.13	57.74	25.5	25.2	30.2	28	28.5	26.2	31	24.2	86	87	70	82	76	85	3
17	57.25	57.17	58	56.81	56.86	58.65	25.4	24.8	31.2	27	28.3	26.2	33.6	24	86	87	64	87	77	85	1
18	58.05	57.95	58.95	58.62	58.66	60.09	25.8	25.6	30.8	27	26	25	32.8	24.4	87	88	68	84	87	92	3
19	59.72	59.19	59.85	58.92	58.85	60.25	24.6	24.8	30.7	25.8	26.6	24.4	31.4	23.2	93	90	66	93	86	95	12.7
20	59.80	58.96	58.99	57.17	57.26	58.97	23	22.6	30	31.5	29	27.8	32	21.8	95	97	71	60	72	79	------
21	58	57.97	59.05	57.31	57.81	59.59	26.8	26.4	30.5	31	29	27.8	32.5	23.8	83	84	68	62	74	80	------
22	58.60	58.97	59.20	57.97	58.24	59.28	26.8	26	31.2	32.2	29	27.8	32.3	25	86	90	64	60	74	80	------
23	58.43	58.62	59.57	57.80	58.38	59.14	26.8	27	27.8	32	29.2	28.2	32.3	25.9	86	86	84	63	70	76	3.8
24	58.45	58.69	59.37	57.56	58.07	59.24	27.5	26.4	31.5	32.8	29.5	28	33	25.6	79	86	66	62	75	79	2.5
25	58.37	58.12	58.75	56.94	57.62	58.74	27.4	26.8	30.7	31.5	29.4	27.2	32.2	25.7	81	84	67	65	74	81	------
26	57.79	57.44	57.96	56.77	57.43	58.69	25.8	26.6	31	30.5	28.7	26.3	32.5	24.4	88	84	64	66	73	86	------
27	57.86	58.32	58.95	57.27	57.51	59.24	25	24.7	30.5	32.7	29.4	26.8	33.3	23.5	93	92	66	58	74	87	1
28	58.15	58.31	58.83	57.17	56.92	58.77	25.3	24.5	31.5	33.1	29.4	28.2	33.8	23.9	93	96	68	59	71	77	.3
29	58.02	57.71	58.53	56.62	56.85	58.72	26.3	25.8	32.2	32.8	29.8	27.6	33.3	25	88	90	55	61	75	84	------
30	57.70	57.72	58.55	57	57.54	58.88	25	24	31.6	31.8	28	25.4	33.2	23.5	92	97	65	62	80	90	.5
31	58.01	57.84	58.50	56.64	57.52	59.01	24	23.6	30.5	32.5	28.2	27.3	32.8	23	97	95	68	62	79	85	3.3
Mean	58.25	58.15	58.68	57.23	57.50	59.06	25.6	25.3	31	31.6	28.7	26.5	33.3	24.1	88.5	89.4	65.3	62.6	75.5	85.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	40.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	W	WSW	WSW	W	W	31.6	80.5	75.1	34.3	221.5	2	Ci.	Cu.	3	------	Cu. SW
2	W	W	WSW	WSW	WSW	Calm	46.1	67.9	66.3	20.9	201.2	3	Ci.	Cu. WSW	2	Ci.	Cu. WSW
3	Calm	Calm	SW	W	SW	Calm	25.4	66.2	67.9	26.4	185.9	1	------	Cu. WSW	4	Ci.	Cu.-N. sw
4	Calm	W	WSW	SW	Calm	Calm	22.8	53.6	62.2	25.1	163.7	3	Ci. NE	Cu.	1	------	Cu. WSW
5	W	Calm	WSW	WSW	WSW	SW	31.6	71.9	65.5	30.3	199.3	1	Ci.	Cu.	4	Ci.	Cu. WSW
6	W	W	WSW	W	SW	W	37.5	73.4	59	38.8	208.7	0	------	------	1	------	Cu. WSW
7	Calm	Calm	W	W	W	Calm	28.4	53.4	55.7	28.7	166.2	0	------	------	1	Ci.	Cu.
8	W	W	W	WSW	SW	W	34.8	61.5	67	37.2	200.5	1	Ci.	Cu.	6	Ci. NNE	Cu.
9	W	W	WSW	WSW	WSW	W	36.4	68.7	71.8	44.3	221.2	2	Ci.	Cu.	1	Ci. E	Cu.
10	WSW	Calm	WSW	WSW	WSW	W	39.7	66.5	74.2	34.4	214.8	3	Ci.	Cu.	5	Ci.	Cu. SW
11	W	Calm	WSW	WSW	WSW	W	37.8	54.2	64.2	31.1	187.3	4	Ci.-S.	S.-Cu.	7	Ci. E	Cu. SW
12	Calm	Calm	WSW	SW	Calm	Calm	22.8	46.9	53.3	16.9	139.9	5	Ci. E	S.-Cu.	6	Ci. E	Cu. SW
13	Calm	Calm	SSE	E	SE	Calm	12.1	30.4	64.2	10.3	117	2	Ci.	S.-Cu.	5	Ci. E	Cu. S
14	Calm	Calm	SE	S	Calm	Calm	11.5	20.9	43.3	22.5	98.2	7	A.-Cu.	Cu.	8	Ci.-S.	Cu.-N. S
15	Calm	Calm	W	W	Calm	Calm	24.3	54.7	59.5	18.7	157.2	5	Ci.	S.-Cu.	7	Ci.	Cu. SW
16	Calm	W	SW	W	Calm	W	26.2	52	33.3	36.7	148.2	3	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. sw
17	Calm	Calm	W	W	W	Calm	37.3	62	56.9	32.2	188.4	5	Ci.	Cu.	7	Ci.-S.	Cu.-N. WSW
18	W	Calm	SW	W	W	Calm	32.8	40.2	43.3	16.9	133.2	7	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. sw
19	Calm	Calm	WSW	W	Calm	Calm	19.1	37.3	20.1	5.9	82.4	8	A.-Cu. SE	Cu. SW	9	Ci.-S.	Cu.-N. sw
20	Calm	Calm	E	E	ESE	ESE	11.5	27.9	63.4	38.3	141.1	2	Ci.	Cu.	3	------	Cu.
21	E	Calm	E	SE	SE	SE	23.6	34.9	71.8	53.1	183.4	3	------	Cu.	3	------	Cu.
22	NE	Calm	E	E	E	E	34.6	42	89.5	43.7?	209.8	3	Ci.-Cu. E	Cu. E	3	Ci.	Cu.
23	Calm	E	NE	SE	E	E	31.4	46.4	86.3	71.1	235.2	6	Ci.	Cu.	4	Ci.	Cu.
24	NE	Calm	NNE	E	E	NE	40.5	47.3	70.2	61.5	219.5	6	A.-Cu. E	Cu. E	7	Ci.-S.	Cu. E
25	E	Calm	E	E	E	Calm	42.6	47	63.4	29	182	6	Ci.	Cu.-N. NE	6	Ci.-S. N	Cu. NE
26	Calm	Calm	E	E	E	Calm	20.4	35.9	63.9	21.2	141.4	6	Ci.-S.	Cu.	7	Ci.	Cu. SE
27	Calm	Calm	E	E	Calm	Calm	8.5	27.6	63	12.1	111.2	2	Ci.	Cu.	2	Ci.	Cu.
28	Calm	Calm	E	E	SE	NE	9.1	37.6	78.9	54.4	180	5	Ci.	Cu. E	3	Ci.	Cu.
29	Calm	Calm	E	E	E	Calm	10.3	44.9	63.6	27.9	146.7	5	------	Cu.-N. E	2	------	Cu.
30	Calm	Calm	E	E	Calm	Calm	11.8	27.7	37.8	21.9	99.2	5	A.-Cu.	Cu.	6	Ci.-S.	Cu. E
31	Calm	Calm	E	E	Calm	Calm	12.9	32.8	51	23.5	120.2	4	Ci.-S.	Cu.	4	Ci.	Cu. E
Mean	------	------	------	------	------	------	26.3	48.8	61.5	31.3	167.9	3.7	------	------	4.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	5,204.5	------	------	------	------	------	------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 4.2 meters; gravity correction not applied, —1.77 mm.]

SEPTEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.85	57.92	58.56	56.95	57.37	59.42	24.8	24	31.5	32	28.2	25.6	33	23.5	93	95	65	65	83	87	18.6
2	58.04	57.81	59.04	56.92	57.26	59.12	24.4	24	28.7	31.5	29.2	26.2	31.8	23.5	95	95	77	63	74	89	17
3	58.41	58.10	58.46	56.89	57.51	58.87	23.8	26.4	30	28.6	28.2	25	31.4	23.4	95	84	73	76	79	90	28.4
4	58.11	58	58.07	55.67	56.20	57.97	23.8	23.4	29.3	30	25.8	24.8	31.1	22.7	93	93	70	71	93	95	15.7
5	56.96	56.95	57.64	55.59	56.04	58.06	24.6	24	26.5	27.6	25.8	23.2	28.1	23	93	95	88	84	85	94	42.4
6	57.31	56.91	57.30	55.24	55.77	57.54	23	24	29.8	30.8	27.6	25.2	31.1	22.6	93	91	73	65	84	88	11.5
7	57.21	56.45	56.89	55.38	55.97	57.21	23.7	23.5	28	30.8	27.1	26.2	32.1	22.9	97	94	83	64	78	82	1.8
8	55.99	55.86	56.64	55.61	55.71	56.54	26	25.8	30.7	24.6	26	25.9	32	24.3	82	81	63	92	84	87	5.1
9	55.96	56.14	56.91	55.41	56.38	57.53	25.3	25.8	31.1	31.4	28	26.6	32.5	24.4	87	85	61	54	75	80	------
10	56.99	57.26	57.29	56.40	57.39	57.95	26.1	26.5	32.1	30.6	27.9	27.1	32.9	25.3	82	83	60	68	79	81	------
11	57.44	57.36	57.38	55.96	56.45	57.54	26.3	26.2	31.2	30.8	26.7	25.3	31.2	24.7	84	84	66	65	84	88	3.8
12	56.60	56.05	56.63	54.86	55.56	56.55	24.8	24.7	30	32.4	27.5	26	33	24	91	91	67	56	80	88	------
13	56.06	56.24	56.67	54.78	55.16	56.30	25.2	25.3	31.9	33.5	29	26.5	34	24.5	86	87	64	49	72	82	------
14	55.29	54.79	54.96	53.66	54.08	55.13	25.6	25.7	31.6	32.5	28.5	26.5	33.5	24.6	87	88	64	60	74	80	4.3
15	55.15	54.56	55.70	53.90	54.54	55.64	26.5	26	29.6	31.5	28	27	32.6	25.3	90	92	77	69	82	78	2
16	54.80	55.39	56.85	55.19	54.94	56.45	26.8	25.5	26	27.6	23.5	24.5	28.1	23.1	79	88	95	87	92	92	11
17	56.33	55.39	56.08	54.92	54.53	55.54	24.8	25.4	27.1	27.9	26.9	26.1	29.5	22.6	90	87	80	83	80	85	28.2
18	55.91	54.73	55.53	54.04	55.15	56.35	23.6	24.5	28.9	29.5	24.5	25.6	31.5	22.8	94	91	73	63	87	84	2
19	55.62	55.93	56.60	55.57	56.11	57.12	25	24.6	28.9	29.3	26.1	24.9	29.5	24	87	90	76	70	82	92	------
20	57.15	57.48	57.90	56.30	57.22	58.30	24.7	25.2	29.5	31.4	28	25.7	32.1	24.4	88	85	72	63	79	91	1.3
21	58.01	58.15	58.48	57.06	58.60	59.58	24.9	24.5	32.5	33	29.2	26.1	34.4	24.2	92	92	60	54	80	94	------
22	59.53	59.89	59.97	58.02	58.46	60.16	25	24.4	30.7	32.1	28.8	27.9	32.8	23.5	94	93	74	68	79	79	------
23	59.32	59.79	60.31	57.77	58.65	59.25	26.5	23.4	28.5	30.1	26.4	24.6	30.5	22.9	80	93	77	67	89	94	10.1
24	58.32	58.61	58.92	56.92	56.89	58.56	24	24.6	30.5	30.2	27	25	32.1	23	92	97	72	74	84	91	4.1
25	57.97	57.62	57.82	56.45	57.73	58.77	24.7	24.6	29.5	30.2	26.6	25	32.9	23.4	91	90	70	69	86	91	------
26	58.51	58.78	59.72	57.97	58.74	61.04	23.9	24.7	31.5	32.2	28.5	25.8	33.8	23.5	92	94	68	60	79	85	1.3
27	61.04	61.21	61.71	59.70	60.83	62.07	24.7	25.1	31.3	32.2	26.3	25.6	33.7	23.2	94	94	61	62	76	88	------
28	61.28	60.60	61	58.59	58.92	59.90	23.4	24	31.2	33.2	27.3	24.1	33.2	22.7	95	91	68	63	81	97	9.9
29	59.02	57.63	58.29	55.86	56.92	57.39	23.8	26.8	30.3	31	26.7	27	32.2	23.1	97	83	72	71	84	81	6.6
30	56.50	56.99	58.15	55.86	56.07	57.73	26.6	26.5	27	30.8	29	26.9	31.5	24.6	82	85	88	70	74	82	5.3
Mean	57.42	57.29	57.85	56.11	56.70	57.99	24.9	25	29.8	30.6	27.3	25.7	31.9	23.7	89.8	89.7	71.9	67.5	81.3	87.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	230.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	E	E	E	Calm	10.5	32.4	65	34	141.9	3	Ci.	Cu.	5	Ci.	Cu. E
2	Calm	Calm	Calm	E	NE	E	------	------	------	------	------	9	Ci.-S.	Cu.-N.	5	Ci.	Cu. E
3	E	E	E	NNE	NE	W	------	------	------	------	------	7	A.-Cu. E	Cu. NE	9	Ci.-S.	Cu.-N. NE
4	Calm	Calm	S	E	Calm	Calm	------	------	32.2	16.4	------	7	Ci.-S.	Cu.	7	Ci.-S.	Cu. SE
5	Calm	SW	W	W	W	W	22.8	38.6	32.5	39.6	133.5	9	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu.-N. SW
6	W	Calm	W	W	Calm	Calm	41.2	69.5	63.6	16.9	191.2	8	A.-Cu.	Cu. SW	7	Ci.-S.	Cu.-N. W
7	WSW	Calm	W	W	W	W	29.2	44.8	76.4	39.4	189.8	10	Ci.-S.	Cu.-N.	7	Ci.	Cu.-N. SW
8	WSW	W	WSW	W	WSW	WSW	45.4	73.8	58.7	55.2	233.1	7	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Fr.-N. SW
9	WSW	WSW	WSW	WSW	WSW	W	43.1	64.4	81.3	36.2	225	9	A.-Cu.	cu.-N. WSW	7	A.-Cu. W	Cu. WSW
10	WSW	WSW	WSW	WSW	WSW	W	36.2	79.7	62.5	46.2	224.6	7	A.-Cu. NW	Cu.	9	------	cu.-N. WSW
11	WSW	WSW	WSW	WSW	WSW	Calm	34.8	75.6	57.6	21.1	189.1	6	Ci. NE	Fr.-cu. WSW	10	Ci.-S.	Cu.-N. W
12	Calm	Calm	SW	WSW	Calm	Calm	19.8	59.3	64.2?	17.5	160.8?	3	Ci.	Cu.	5	A.-Cu.	Cu. WSW
13	Calm	WSW	WSW	WSW	Calm	WSW	20.7	58.4	51.5	29.2	159.8	2	A.-Cu. NW	Cu.	3	------	Fr.-Cu. SW
14	WSW	WSW	WSW	WSW	WSW	WSW	40.5	68.7	69.5	55	233.7	1	Ci.	Cu.	4	A.-Cu.	Cu. WSW
15	WSW	WSW	WSW	WSW	WSW	WSW	46.1	78.3	74.5	54.5	253.4	7	A.-Cu.	cu.-N. WSW	5	Ci. NE	Cu. WSW
16	WSW	Calm	Calm	W	WNW	SW	40.8	18.3	80.7	51.5	191.3	10	Ci.-S.	Fr.-N. NW	10	Ci.-S.	Fr.-N. NW
17	W	WSW	WSW	WSW	W	WSW	58.2	58.7	65.2	62.8	244.9	9	Ci.-S.	Fr.-N. NW	10	Ci.-S.	Fr.-N. WNW
18	W	WSW	WSW	WSW	WSW	W	80.2	103.2	88.5	68.6	340.5	10	Ci.-S.	Fr.-N. W	10	Ci.-S.	Cu.-N. SW
19	W	W	WSW	W	Calm	Calm	------	58.2	53.4	14	------	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. WSW
20	Calm	WSW	WSW	WSW	Calm	Calm	24.1	51.5	31.7	15.1	122.4	9	Ci.-S.	Fr.-N. SSW	8	A.-Cu. NW	Cu.
21	Calm	Calm	S	SSW	Calm	Calm	15.3	39.2	33	9.4	96.9	3	A.-Cu. SE	Cu.	6	Ci.-S.	Cu. S
22	Calm	Calm	ESE	E	SE	Calm	------	------	------	------	------	6	Ci. NE	Cu.	4	Ci. NE	Cu.
23	Calm	Calm	ENE	NE	Calm	Calm	------	------	------	------	------	10	Ci.-S.	N.	10	Ci.-S:	Cu.-N.
24	Calm	Calm	NE	E	Calm	Calm	------	------	------	------	------	10	------	N.	5	Ci. NNE	Cu.
25	Calm	Calm	WSW	WSW	Calm	WSW	------	------	------	22	------	5	Ci. NNW	Cu.	9	Ci.-S.	Fr.-N. SSW
26	Calm	Calm	WSW	W	Calm	Calm	11.1	58.9	40.2	19.3	129.5	9	A.-Cu. WNW	Cu.	5	Ci.	Cu. SW
27	W	Calm	W	E	Calm	Calm	36.2	52.8	35.6	20.7	145.3	3	A.-Cu. SE	Cu.	5	Ci. NW	Cu.
28	Calm	Calm	NE	ENE	Calm	Calm	10.8	29.6	41.5	12.3	94.2	2	Ci.	Cu.	2	Ci.	Cu.
29	Calm	Calm	NNE	NNE	NNE	NE	36.8	71.6	78.6	60.6	247.6	9	Ci.-S.	S.-Cu.	4	Ci.	Cu. NNE
30	Calm	NE	NNE	ENE	ESE	ESE	43.1	57.1	49.9	61	211.1	9	Ci.-S.	Fr.-N. NE	4	Ci.	Cu.-N. ENE
Mean	------	------	------	------	------	------	34	58.4	57.8	35.1	189.1	7	------	------	6.8	------	------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 4.2 meters; gravity correction not applied, —1.77 mm.]

OCTOBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.09	57.62	58.32	56.03	57.17	58.16	26.5	24.4	31.4	32.7	28.5	24.5	32.7	23.5	81	93	66	61	75	95	------
2	57.57	57.32	57.34	55.36	56.03	57.16	24.2	24.3	29.7	32	27.5	25.6	33	23.1	93	93	73	63	81	90	39.4
3	56.41	56.59	56.85	55.20	55.90	57.30	24.7	24.4	25.6	29	26.5	24.2	29.5	23.5	96	97	95	75	84	97	53.8
4	56.04	55.91	56.26	54.32	55.31	56.07	24.5	24.2	26	29.5	25.6	24.8	29.9	24	96	97	92	75	90	91	20.8
5	55.06	55.57	55.78	54.41	54.76	55.62	24.9	25.2	30.4	26	25.4	25.5	30.9	23.9	92	91	75	95	93	91	6.6
6	54.90	55.41	56.54	55.41	56.66	57.78	25.2	25	28.1	29	26.6	25.9	31.1	24.4	95	96	88	77	87	90	14.7
7	56.92	57.75	58.30	56.56	57.93	59.19	25.4	24.2	29.5	29.9	27.5	26.1	32	24	93	98	75	75	78	86	------
8	58.16	58.30	59.45	58.03	58.29	58.78	25.6	25.4	31.5	26.1	26.5	25.6	31.7	25	88	88	69	87	88	91	8.4
9	58.05	58.76	59.42	57.10	57.92	58.17	24.5	24.5	29.5	27.6	25	23.8	30.8	22.9	90	92	76	83	88	92	4.8
10	57.61	57.57	58.69	55.95	56.29	57.30	23.8	23.7	25.5	29.9	27.7	27	30.2	23.1	93	95	91	80	84	88	36.3
11	57.11	57.45	58.70	56.93	58.03	59.76	25.8	24.9	29.1	31	28.5	27.4	31.1	24.4	93	96	81	72	80	87	1.8
12	59.04	59.07	60.11	58.26	58.64	60.06	24.9	26.1	30.5	31.6	28.5	26.6	31.9	23.9	95	92	72	68	80	87	------
13	59.19	59.49	59.97	57.53	57.68	58.93	26.7	26.5	29.8	30.6	28.3	27.1	32.7	24.7	87	90	77	71	81	83	.3
14	57.98	58.31	59.05	56.38	56.74	57.58	26.8	26.7	32	32	28.5	27.2	32.6	25.9	81	81	63	64	78	83	------
15	56.71	56.60	57.34	54.84	55.22	55.90	24.2	23.6	32.5	32.7	27	25.5	33.6	22.8	88	91	62	62	89	91	.5
16	54.81	54.72	54.59	52.27	52.81	52.43	24.7	25.4	30.7	30.5	27.2	27.4	32.1	24.1	94	89	70	71	83	86	.3
17	50.99	50.94	51.79	49.89	50.85	52.86	27.4	27	28.5	30.2	28	27.6	30.2	26.5	86	87	78	71	75	77	.3
18	52.82	53.82	55.18	53.48	54.42	56.20	26.9	26.9	30.5	31.9	28.5	26	32	25.6	81	83	72	70	78	93	------
19	55.14	55.94	57.22	55.17	55.93	57.31	24.5	24.1	32	32.1	28.5	25.3	33.3	23.9	97	97	66	64	81	93	------
20	56.84	58.03	58.29	56.35	57.81	59.28	23.7	23	30.8	32	28.7	25.5	33	22.6	93	96	72	66	75	94	------
21	58.75	59.50	59.87	57.86	58.64	59.38	24.2	23.6	31.5	32.5	28.5	27.2	33.2	23.1	97	96	69	61	78	87	------
22	58.67	59.35	59.19	56.55	57.07	57.60	23.2	22.7	32.1	32.5	28.5	26.3	32.9	22	92	95	63	63	78	89	14.5
23	55.85	54.79	53.74	49.09	49.38	53.98	25.9	25.4	25	23.7	23.3	24.2	27.6	22.4	90	92	92	99	99	94	100.6
24	54.12	56.25	58.34	56.34	57.98	59.65	26.5	25.5	29.9	30	27.5	25.9	31.5	24	86	92	77	75	95	94	.5
25	58.68	59.25	60.04	58.14	59.24	60.30	26.2	26	30.2	30.5	28	26.8	30.9	24	91	92	75	72	79	90	3
26	59.42	59.59	60.37	58.22	58.39	60.25	26.7	26.1	30.6	28	27.1	26	31.5	25	90	92	71	88	88	95	69.1
27	59.39	59.44	59.47	57.17	57.79	58.98	25.5	25	28.1	28	27.9	26.9	30.2	24	96	98	84	91	85	89	42.7
28	57.87	57.75	59.03	57.03	57.30	58.78	24.5	26	29.5	30.2	28	27.8	30.3	23	97	93	81	77	85	86	2.5
29	58.49	58.78	59.57	57.10	58.24	59.25	26.9	27.2	30.2	28.5	27.2	25.5	30.5	25	91	90	76	80	86	91	22.9
30	58.96	58.90	59.52	57.31	58.34	59.73	23.6	26	29.2	30.3	27.7	27.1	30.8	22.9	96	92	66	68	82	83	1.5
31	58.97	59.15	59.68	58.19	59.07	60.69	26	25.6	30	30.3	26.9	25.4	31	24.6	89	90	70	73	86	88	7.4
Mean	57.02	57.35	58	55.89	56.64	57.88	25.3	25.1	29.7	30	27.4	26.1	31.4	23.9	91.2	92.4	75.4	74.1	83.5	89.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	452.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	NW	Calm	ENE	ENE	Calm	Calm	23.3	43.5	------	------	------	7	Ci.-S.	Cu.	4	Ci. SE	Cu.
2	Calm	Calm	SW	WSW	Calm	NW	------	------	54.4	36.2	------	2	A.-Cu.	Cu.	8	Ci.-S.	Cu.-N. SW
3	Calm	Calm	W	W	WNW	W	22.5	44.9	59.2	35.6	162.2	10	Ci.-S.	Fr.-N. SW	10	Ci.-S.	N. SW
4	W	Calm	SW	SW	WSW	Calm	30.6	52.8	63.1	34.8	181.3	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. WSW
5	W	Calm	WSW	Calm	WSW	WSW	52.9	70	59.2	52.5	234.6	10	Ci.-S.	N. WSW	10	Ci.-S.	Fr.-N. SW
6	WSW	WSW	SW	WSW	W	SW	34.3	67.3	63.4	28.4	193.4	9	Ci.-S.	Fr.-N. WSW	9	Ci.-S.	Fr.-N. WSW
7	SW	Calm	SW	W	Calm	W	21.1	47.3	45.9	20.9	135.2	10	Ci.-S.	N. WSW	9	A.-Cu.	Cu. SW
8	WSW	Calm	W	W	Calm	Calm	30.3	38	18.2	8.2	94.7	9	A.-Cu. SE	Cu.	10	Ci.-S.	N. WSW
9	WSW	W	WSW	WSW	Calm	W	38.1	40.2	47.8	23.6	149.7	6	A.-Cu.	Cu.	10	Ci.-S.	Fr.-N. WNW
10	Calm	Calm	E	ENE	Calm	Calm	19.5	30.3	51.3	31.1	132.2	8	Ci.-S.	Fr.-Cu. NNE	2	Ci.	Cu. NE
11	Calm	Calm	E	E	E	ENE	7.8	40.7	84.7	43.7	176.9	3	------	Cu.-N.	2	------	Cu.
12	Calm	ENE	E	E	E	Calm	28.8	69.7	67	41	206.5	1	------	Cu.	2	Ci.	Cu.
13	NE	NE	ENE	E	NE	NE	48.1	58.5	65	59.5	231.1	1	------	Cu.	2	Ci.	Fr.-Cu. NNE
14	NE	NE	NE	ENE	NNE	NE	60	71.3	84	54.9	270.2	0	------	------	2	Ci.	Cu.
15	Calm	Calm	NE	NE	NE	Calm	10	70.5	99.5	25.4	205.4	3	Ci.	Cu.	5	Ci. SE	Cu.
16	Calm	W	WSW	W	WSW	W	19.5	64.4	74.8	66.5	225.2	8	Ci.-S.	Cu. NNW	10	Ci.-S.	Cu. NW
17	W	WSW	SW	WSW	SW	SW	88.5	133.6	159.9	104.3	486.3	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	Fr.-N. SW
18	SW	WSW	SSW	SW	Calm	Calm	52	80.7	42.4	16.4	191.5	10	Ci.-S.	Fr.-N. SW	9	Ci.-S.	Cu.-N. SW
19	Calm	Calm	SW	SW	SW	Calm	11.1	41.5	41.8	17.1	111.5	6	Ci.-S.	Cu.	5	Ci.	Cu.-N. WSW
20	Calm	Calm	SSE	ESE	Calm	Calm	9.2	27.4	44.8	5.9	87.3	0	------	------	3	Ci. SE	Cu.
21	Calm	Calm	E	E	NE	NE	4.8	31.2	68.4	65.5	169.9	0	------	------	1	Ci.	Cu.
22	Calm	Calm	ENE	NE	NE	Calm	16.1	48.8	100.1	49.1	214.1	1	------	Cu.	5	Ci. SE	Cu.
23	Calm	Calm	W	W	WSW	SW	15.1	61.7	144.2	152.3	373.3	10	Ci.-S.	N. N	10	------	Fr.-N. WNW
24	SW	Calm	SSW	SW	Calm	Calm	61.7	41.6	30.9	8.5	142.7	10	Ci.-S.	Cu. S	8	Ci.-S.	Cu.-N. SSW
25	Calm	E	E	E	E	NE	35.2	97.2	94.1	44.1	270.6	5	A.-Cu. SE	Cu.	4	------	Fr.-Cu. E
26	E	NE	E	ENE	NE	E	42.3	81.1	69.2	49.7	242.3	3	------	Cu.-N.	2	Ci.	Cu. ENE
27	Calm	E	NE	ENE	ENE	E	54.9	104.4	121	86.9	367.2	10	------	N. NE	10	------	Fr.-N.
28	E	ENE	E	ENE	ENE	E	71.3	95.6	84.7	61.5	313.1	10	Ci.-S.	N. E	6	Ci.-S.	Cu. ESE
29	Calm	ENE	E	ENE	E	Calm	38.4	87.9	62.8	42.6	231.7	8	Ci.-S.	Cu.-N. E	8	Ci.-S.	Fr.-N. E
30	Calm	ENE	E	ENE	ENE	E	62.2	90.9	99.3	72.1	324.5	9	Ci.-S.	Fr.-N. ENE	1	------	Cu.
31	E	ENE	E	E	E	E	58.2	76.7	74.8	73	282.7	3	------	Cu.-N. ENE	5	Ci. N	Cu. E
Mean	------	------	------	------	------	------	35.6	63.7	72.5	47	220.9	6.2	------	------	6.2	------	------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 4.2 meters; gravity correction not applied, —1.77 mm.]

NOVEMBER, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.75	59.37	60.07	57.93	58.74	59.78	24.7	25.7	30	29.8	28	25.9	31	24	92	87	73	77	80	90	2.3
2	58.74	59.18	59.51	57.61	58.10	58.98	24.9	23.1	30.5	29.4	27.2	26.6	31.5	22.9	87	96	69	72	79	90	------
3	58.23	58.47	58.86	56.63	57.67	58.46	23.3	23.1	31.4	29.1	26.9	26.5	32.8	22.8	96	96	64	77	86	87	32.3
4	57.60	58	58.70	56.41	57.13	57.70	24.4	24.3	30	26.7	27.5	27.1	32	23.6	97	97	74	90	84	83	1.5
5	56.66	56.76	57.72	55.51	55.85	56.52	26.6	26.5	30	30.5	28	26.9	31.2	24.9	84	84	71	68	74	87	51.6
6	55.36	54.21	54.91	52.02	52.93	54.50	25.1	26.7	26.8	27.3	24.1	26.1	27.6	23.5	93	88	88	81	99	91	53
7	54.21	55.77	56.90	55.07	56.43	57.69	26.7	26.1	28.8	28.6	27.6	26.5	30.8	24.5	80	80	72	78	87	94	------
8	57.10	57.27	57.79	55.39	57.07	58.21	26.2	25.2	30.6	31.1	27.6	24.9	31.6	24.2	94	95	72	71	84	93	1.5
9	58.14	58.76	59.36	57.83	59.03	60.38	24.4	23.8	29.6	29.1	28	26	31.8	23.5	94	97	75	78	85	92	4.5
10	59.38	60.34	60.53	58.37	59.37	60.87	25.2	24.2	28.5	30.4	27.5	26.3	30.9	23.7	91	94	79	72	84	90	61.5
11	60.15	59.99	61.15	58.88	59.29	60.85	23.7	25.3	28	29.2	27.4	25.5	30.9	23	98	90	85	74	85	91	67.6
12	60	59.98	60.92	58.63	59.39	60.69	23.7	25.5	28.5	31.4	27.1	26.6	31.6	23.5	97	88	78	68	83	83	5.7
13	59.73	59.61	60.17	58.79	58.97	59.08	24.5	23.6	29	25.5	25.9	26.8	30.5	23.3	96	98	74	95	88	86	18.3
14	57.79	56.74	55.87	52.33	51.65	51.57	25.4	24.2	23.5	25.3	25.9	25.9	26.3	22	90	96	92	92	97	93	85.1
15	49.87	51.93	54.04	52.67	54.70	55.73	25.4	24	27.3	27.2	24	23.7	28	23.4	96	99	96	82	95	94	11
16	54.96	55.77	56.53	54.69	56.41	57.35	23.6	24.2	29.9	31	26	24.2	32.1	23	96	94	69	65	89	91	4.6
17	56.52	56.55	57.38	55.27	56.57	57.41	23.7	23.9	31.2	29.9	26.7	24.4	32	23.4	93	96	67	73	88	92	14.8
18	56.96	57.06	57.55	55.83	56.78	57.57	24	23.7	27.6	29.5	26.1	24.9	32	23	96	97	79	68	85	88	------
19	57.26	57.21	57.42	55.54	56.73	57.64	23.7	23.6	30.4	31.7	27	24.5	32.2	22.7	95	95	69	60	80	85	------
20	56.67	57.59	58.01	55.96	56.33	58.61	22.3	21.9	31	32.9	27.5	24.9	33.6	21.5	96	96	71	54	79	92	------
21	58.41	58.65	59.64	57.81	58.58	60.04	23.2	23.7	29.9	31.5	27.2	25	31.9	21.8	90	92	72	64	83	91	------
22	59.37	59.36	60.61	57.83	58.79	59.82	24.1	23.1	29.8	31.6	28	25.6	31.8	22.8	91	96	66	62	78	92	.5
23	58.95	59.18	59.91	57.71	58.42	59.65	25.2	23.1	29.7	30.2	27.4	26.7	31.9	22.7	83	95	73	71	81	86	2.8
24	59.04	59.18	60.08	57.77	58.54	59.52	24	23.5	30.2	31	27	26.9	31.1	23	95	96	70	67	83	81	1.6
25	58.78	58.87	60.19	58.06	59.19	59.78	26.3	25.8	31	29.1	26.5	26.5	32	21.5	82	81	64	71	80	82	16.5
26	58.96	58.84	59.94	57.98	57.78	59.55	25.3	24.6	27.8	28.9	26.1	26	29.4	23	88	89	79	74	85	88	26.7
27	59.30	59.18	60.51	58.35	59.61	60.53	23.4	25.3	23.8	24.9	25	24.5	26.1	22.6	99	91	97	91	88	87	18.1
28	59.71	59.61	61.40	58.76	59.07	59.96	24.5	24.4	24	25.2	25.5	24.8	25.9	23	87	96	95	86	84	89	42.5
29	59.59	59.71	60.97	59.29	59.47	60.20	25.1	25	27.5	26	26.4	26	29.7	24.4	88	88	81	89	85	88	22.8
30	59.95	60.03	61.10	59.36	59.84	60.78	25.5	25	25.5	25.4	26	24.1	26.3	23.9	90	92	88	84	80	95	19.3
Mean	57.90	58.11	58.92	56.81	57.65	58.65	24.6	24.4	28.7	29	26.7	25.7	30.6	23.2	91.8	92.6	76.7	75.1	84.6	89	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	566.1

Day.	Wind.											Clouds.					
	Direction.						Totol movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	E	ENE	ENE	E	E	62	57.4	73.5	55.8	248.7	3	Ci.	Cu. E	1	Ci.	Cu.
2	Calm	Calm	NE	NE	NE	ENE	17.1	52.3	58.1	40.2	167.7	1	A.-Cu.	Cu.	7	Ci.	Cu.-N. ENE
3	Calm	Calm	ENE	ENE	ENE	E	11.1	62.5	62.5	44.8	180.9	1	Ci.	Cu.	7	Ci.-S. SSE	Cu.-N. ENE
4	Calm	Calm	ENE	E	E	NE	20.9	58.9	79.5	96.6	255.9	5	Ci.	Cu.-N. ENE	10	------------	Fr.-N. NE
5	NE	NE	NE	NE	NE	NE	89.8	107	132.8	118.3	447.9	4	Ci.-S.	Cu. ENE	9	Ci.-S.	Fr.-Cu. NE
6	NE	NE	NE	NE	E	E	130.4	197.9	249.9	194.7	772.9	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. ENE
7	ESE	ESE	ESE	ESE	ESE	E	76.4	49.1	70.3	53.1	248.9	10	Ci.-S.	Fr.-N. SE	9	Ci.-S.	Cu. SSE
8	E	Calm	E	E	Calm	Calm	25.1	35.2	24.9	8	93.2	4	A.-Cu.	Cu. SSE	3	Ci.	Cu. S
9	Calm	Calm	ESE	ENE	ENE	Calm	8	23.8	89.3	25.2	146.3	0	------------	------------	8	Ci.-S.	Cu. ESE
10	Calm	E	E	E	E	ENE	40.5	34.3	56.1	58.9	189.8	10	------------	N.	1	------------	Cu.
11	E	NE	ENE	E	NE	ENE	49.3	57.3	54.7	59	220.3	1	------------	Cu.	5	Ci.	Cu.-N. NE
12	Calm	NE	NE	NE	NNE	NE	58.9	84.2	78.3	76.1	297.5	4	------------	Cu.-N. NE	5	------------	Cu.-N. NE
13	Calm	Calm	NNE	NNE	NNE	NNE	25.2	56.6	71.6	73	226.4	3	Ci.	Cu. NE	10	------------	N.
14	NE	N	N	NNE	NNE	NE	62.8	74.2	151.8	169.8	458.6	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. N
15	NE	S	S	S	S	Calm	149.1	82.9	56.5	21.5	310	10	Ci.-S.	Fr.-N. S	9	Ci.-S.	Fr.-N. S
16	Calm	Calm	SSW	SSW	Calm	SW	18	49.4	49.3	24.4	141.1	4	Ci.	Fr.-Cu. S	5	------------	Cu.-N. S
17	Calm	Calm	S	SW	Calm	Calm	19.6	44.3	25.7	16.1	105.7	4	A.-Cu. S	Cu.	9	------------	Fr.-N. SW
18	Calm	Calm	SW	SW	Calm	Calm	13.1	41	38	16.4	108.5	4	A.-Cu.	Cu.-N. SSW	8	Ci.-S.	Cu. SW
19	Calm	Calm	SW	WSW	Calm	Calm	17.7	40	47.2	11.9	116.8	4	Ci.-S.	Cu.	5	A.-Cu.	Fr.-Cu. SW
20	Calm	Calm	SW	SW	Calm	Calm	11.3	32.4	32.4	6.7	82.8	0	------------	------------	2	------------	Cu. SSW
21	Calm	Calm	Calm	ESE	Calm	Calm	11.9	25.4	44	6.6	87.9	1	Ci.	Cu.	2	------------	Cu. SW
22	Calm	Calm	SE	E	E	Calm	7.7	31.1	58.7	25.1	122.6	0	------------	------------	1	------------	Cu.-N.
23	Calm	Calm	NE	ESE	NE	NE	7.8	39.4	56.3	44.9	148.4	3	------------	Cu.-N. E	6	------------	Cu. ENE
24	Calm	Calm	ENE	ESE	NE	ENE	6.6	33.5	71.1	74.5	185.7	6	------------	Cu.-N. NE	3	------------	Cu. NE
25	NE	NE	NE	NNE	NE	NE	65.2	81.6	107.8	98.4	353	1	Ci.	Cu.	7	------------	Cu.-N. NE
26	NE	ENE	ENE	NE	NE	NE	85.1	111.8	103	89	388.9	9	------------	Fr.-N. NE	5	------------	Fr.-N. ENE
27	NE	ENE	E	Calm	NE	NE	70.3	54.7	41.8	75	241.8	10	Ci.-S.	Fr.-N. NE	9	Ci.-S.	N. ENE
28	E	NNE	NE	NE	NE	ESE	77	99.2	62.2	56	294.4	10	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	Fr.-N. NE
29	NE	NE	ENE	NE	NE	NE	56.1	62.8	71.3	72.4	262.6	5	Ci.	Cu.-N. ENE	8	Ci.-S.	Cu.-N. ENE
30	NE	NNE	NE	NNE	NE	NE	66	97.9	116.2	102.4	382.5	10	------------	N. ENE	10	Ci.-S.	Fr.-N. ENE
Mean	------	------	------	------	------	------	45.3	62.6	74.5	60.5	242.9	4.9	------------	------------	6.5	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	7,287.7	----	------------	------------	----	------------	------------

LEGASPI.

[φ=13° 09′ N; λ=123° 45′ E; barometer above sea, 4.2 meters; gravity correction not applied, −1.77 mm.]

DECEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.98	59.95	60.55	59.53	59.74	59.78	23.9	24	25.5	24.2	24.9	25.4	26.7	22.8	96	95	88	94	90	88	58.2
2	58.85	59.63	60.09	57.44	57.94	58.81	25.1	25.6	27.8	30	26	26	30.5	24.7	88	87	79	71	84	88	7.1
3	57.76	57.60	58.50	56.35	57.17	57.94	25.8	25.2	25.8	25.5	25.4	24.8	27	23.4	88	90	91	88	89	92	25.2
4	56.91	56.05	56.69	54.79	56.11	57.15	25	24.7	28	28.9	25.4	25.7	29.6	23.8	91	91	77	71	87	79	11
5	56.34	56.73	57.88	56.41	57.11	57.98	25.6	25.4	27.4	27.2	24.5	24	29	23.2	75	74	68	59	68	70	------
6	57.72	57.80	58.56	56.05	56.99	57.77	24.2	23.8	27.9	27.1	25.8	25.9	29.2	22.5	71	78	68	73	79	78	.3
7	57.04	57.65	58.39	56.49	57.19	58.48	25.5	25.1	29	29.1	25.6	24.9	29.8	24.6	81	83	69	67	79	73	------
8	57.71	56.86	57.45	55.23	56.92	58.15	25	24.9	25.8	28.3	25.1	22.9	28.3	22.1	75	81	80	69	87	93	------
9	57.57	57.76	58.14	56.18	57.46	58.26	21.9	21.9	27	28.8	26.5	24.1	31	21.5	99	97	83	72	84	94	------
10	57.54	57.36	58.49	56.22	57.30	58.36	24.4	24	28.4	29	27	26.1	31.1	22.6	93	95	78	76	84	90	------
11	57.66	57.69	59.04	56.45	58.08	58.91	24.7	24.4	27.8	27.1	26	25.8	30	23.4	94	93	79	81	88	82	.3
12	58.70	58.42	58.80	56.93	57.48	58.81	23.2	23.4	28.1	28	26.9	26	30.4	22.5	97	96	77	75	80	85	------
13	58.41	58.96	60.06	57.57	59.02	59.90	24.2	24	28.9	30.4	26.8	26	30.5	23.4	96	95	68	56	77	82	------
14	59.42	59.24	60.15	58.12	58.54	60	25.4	25.5	27.5	29	27	25.5	30.4	24.5	80	80	77	71	81	88	3.9
15	59.23	60.06	60.68	59.06	60.07	61.10	23	21.8	29.8	30	26.5	25.9	31	21.5	96	95	71	67	80	85	------
16	59.97	60.66	61.14	58.78	59.34	60.49	22.9	22.1	29.4	31.3	27	26.1	31.4	21.6	90	92	71	61	80	83	------
17	59.24	59.87	60.43	58.65	59.89	60.44	25.8	25	26.5	28	23.5	23.5	30	22.5	82	88	84	73	91	92	69.3
18	59.06	59.16	60.04	58.25	58.79	60.01	24.5	25	26.7	25.5	25.2	25	26.9	23	87	83	79	84	80	76	4.6
19	57.87	59.30	59.85	57.26	57.07	57.92	24.4	23.5	24.8	25.8	24.5	23.9	25.9	22.7	77	80	73	65	69	77	42.4
20	56.55	56.51	57.18	55.36	55.73	56.74	23.4	23.5	24.6	24.4	24	25	25	22.1	97	95	95	90	96	92	64.8
21	55.94	56.50	56.99	55.28	56.70	56.74	25	25.1	26	27.5	25.7	25.5	28.3	24.2	92	91	91	77	86	88	6.6
22	56.16	56.75	58.10	55.24	56.86	58.09	25.1	24.9	24.5	26.1	26	25	27.3	23.4	92	92	95	89	85	92	81.5
23	58.16	59.07	59.79	57.32	58.59	59.55	24.4	25	26.5	26.7	25.5	24.6	28	23.5	95	92	86	83	91	95	71.8
24	58.50	59.16	61.16	58.25	59.85	60.15	24.5	24.4	23.5	25.5	24.6	25.1	26.1	22.8	92	96	96	84	88	83	21.4
25	59.60	60.41	61.64	59.85	60.30	62.05	24.7	24.7	28.8	27.9	26.2	24.6	30.4	22.9	82	86	72	74	79	89	34.8
26	60.26	61.28	62.76	61.76	62.20	62.54	24.3	24	24.7	24.1	24	24.5	25.1	22.4	90	91	89	91	90	83	6.4
27	62	62.73	63.83	61.98	62.75	63.81	24.5	24	26	25.5	23.4	24	26.8	23.1	82	87	79	84	97	95	70.9
28	62.89	62.81	63.83	61.58	62.02	62.84	23.7	23.6	25.5	27.3	26	25.3	27.9	22.9	93	91	91	79	84	89	17.5
29	62.03	61.78	62.97	60.73	61.14	61.69	24.9	24.8	27.2	29	26.6	25	29	23.7	89	89	83	76	84	94	13.5
30	60.64	60.79	61.14	59.09	59.59	60.40	25.5	25.5	27.1	28	26	25.6	29.7	24.4	89	90	83	81	88	91	20.4
31	59.38	59.45	59.94	58.11	58.67	59.18	25.4	25.4	29.1	26.8	25.5	25.4	29.9	23.5	91	89	79	85	88	88	17
Mean	58.68	58.97	59.81	57.75	58.60	59.49	24.5	24.3	27	27.5	25.6	25.1	28.8	23.1	88.4	89.1	80.6	76.3	84.3	86.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	648.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NNE	NE	NNE	NE	NE	129.3	122.3	97.9	99.8	449.3	10	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	Fr.-N.
2	NE	NNE	NNE	NE	NNE	NE	89.3	92.5	88.2	75.6	345.6	7	Ci.	Cu.-N. NE	4	Ci.	Cu.-N. NE
3	NE	NE	ENE	NE	NE	NE	74.5	81.9	65.7	75.8	297.9	4	------	Cu.-N. NE	10	Ci.-S.	Fr.-N. NE
4	NE	NNE	NE	NNE	NE	NE	99.5	122.9	100.4	104.3	427.1	4	Ci. SE	Cu.-N. NNE	8	Ci.-S.	Cu.-N. NE
5	NE	NNE	NE	NE	NE	NE	112	143.5	139	89	483.5	5	Ci.	Cu. NE	7	Ci.-S.	Cu.
6	NE	NE	NE	NNE	NE	NNE	61.5	99	112.7	130.9	404.1	4	Ci.-S. S	Cu. NE	9	Ci.-S.	Fr.-Cu. NE
7	NE	NNE	NE	NE	NNE	NE	110.8	122	104.9	93.3	431	7	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. NE
8	E	NNE	NNE	Calm	Calm	Calm	67.9	119.1	20.3	6.9	214.2	10	Ci.-S.	Fr.-N. NNE	10	Ci.-S.	N.
9	Calm	Calm	ENE	ENE	E	Calm	12.1	30	56	11.5	109.6	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N.
10	NE	Calm	NE	E	NE	E	24.7	36.7	77.5	37.8	176.7	10	Ci.-S.	Fr.-N. E	4	Ci.-S.	Cu.-N.
11	Calm	Calm	ENE	ESE	NE	Calm	5.8	47.2	45.7	37.2	135.9	8	A.-Cu.	Cu. ESE	10	Ci.-S.	Fr.-N. ESE
12	Calm	Calm	E	E	E	E	4	45.6	------	30.6	------	3	Ci. S	Cu.	10	Ci.-S.	Cu.-N. SE
13	Calm	Calm	ENE	ENE	NE	NE	3.8	43	65.5	58.7	171	3	Ci.	Cu.	7	Ci.-S. S	Cu.
14	NE	NE	ENE	ENE	ENE	Calm	54.1	82.7	85.6	25.4	257.8	7	Ci.-S.	Cu.-N. ENE	9	Ci.-S.	Cu.-N. ENE
15	Calm	Calm	ENE	NE	NE	ENE	8.2	45.4	79.7	58.7	192	1	Ci.-S.	Cu.	7	A.-Cu.	Cu. SE
16	Calm	Calm	ENE	NE	NE	NE	15.6	30.8	71.1	73.5	191	7	Ci.-S. SE	Cu.	3	A.-Cu.	Cu.
17	NE	Calm	SE	ENE	NE	NE	56.8	39.4	70	46.1	212.3	8	Ci.-S.	Cu.-N.	8	------	Fr.-N. NE
18	NE	NE	NE	NE	NE	NE	74	90.7	137.6	147.1	449.4	10	------	Fr.-N. NE	10	Ci.-S.	Fr.-N. NNE
19	NE	NE	NE	NE	NE	NE	175.6	158.2	135.5	127.6	596.9	10	Ci.-S.	Fr.-N. NNE	10	Ci.-S.	Fr.-N. NNE
20	NE	NE	NE	NE	NNE	NE	65.2	91.5	158.5	126.8	442	10	------	Fr.-N.	10	------	Fr.-N. NE
21	NE	NE	NNE	NNE	NE	NE	97.1	107.3	129.8	151.5	485.7	10	Ci.-S.	Fr.-N. NNE	10	Ci.-S.	Fr.-N. NNE
22	NE	NE	Calm	SE	NE	NE	96.6	24.9	45.4	66.8	233.7	10	------	N. NE	10	Ci.-S.	N. SE
23	ENE	Calm	NE	ENE	NE	NE	64.4	29	55.8	90.7	239.9	10	Ci.-S.	Fr.-N. NNE	10	Ci.-S.	Fr.-N. NE
24	NE	Calm	Calm	NE	NE	NE	83.7	19.1	109.6	125.2	337.6	10	------	N.	10	Ci.-S.	Fr.-N. NNE
25	NNE	NE	NE	NE	NE	NE	69.5	85.5	110.4	134.7	400.1	2	Ci.	S.-Cu.	10	Ci.-S.	Fr.-N. NE
26	NE	NE	NE	NE	NE	NE	155	130.7	133.6	136	555.3	10	Ci.-S.	N.	10	Ci.-S.	N. NE
27	NE	NE	NE	NE	NE	NE	103	119.1	115.3	88.2	425.6	8	A.-Cu. ENE	Cu.-N.	10	Ci.-S.	Fr.-N. NE
28	NE	NNE	NE	NE	NE	NE	110.4	103.2	114.1	74	401.2	10	Ci.-S.	N. NE	7	Ci. SE	Cu.-N.
29	NE	NE	NE	NE	N	NE	45.1	51.5	64.4	80	241	9	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Fr.-N. N
30	E	NE	NE	ENE	ENE	ENE	64.9	61.5	70.8	43.7	240.9	8	------	Fr.-N. ENE	7	Ci.-S.	Cu.-N E
31	E	NE	ENE	ENE	NE	NE	52.3	43.5	51.5	53.9	201.2	5	Ci.	Cu.-N. NE	10	Ci.-S.	Cu.-N. ENE
Mean	------	------	------	------	------	------	70.9	78.1	90.4	80.7	325	7.4	------	------	8.6	------	------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 7.8 meters; gravity correction not applied, —1.74 mm.]

JANUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.30	60.01	61.53	59.03	59.23	60.49	24	23.9	23.6	23.3	25	25.4	25.4	22.5	95	91	91	91	78	75	58.9
2	59.50	59.87	61	58.06	58.77	59.55	24	24	23.7	24.4	23.5	23.9	24.8	22.5	81	88	94	92	95	92	59.4
3	58.33	58.87	60.22	57.99	58.31	59.37	24	23.9	26.4	27.5	26.1	25.4	29.3	22.9	91	92	86	88	87	88	3.8
4	58.42	58.89	59.82	57.54	58.07	59.70	23.3	22.9	26.6	30	26.5	25.8	31.5	22.3	96	97	83	73	84	86	------
5	58.69	58.40	59.35	57.44	57.94	58.96	25.5	25.3	26.5	26.3	26.6	25.5	26.6	24.5	84	86	85	86	83	92	1.5
6	58.30	58.52	59.73	58.22	58.51	59.32	25.4	25.1	27.5	30.4	26.6	25.8	31.4	24.4	93	91	84	72	83	88	------
7	58.30	58.93	59.83	58.22	58.53	59.99	25	23	27.8	29.9	26.9	26	31.8	22	91	96	77	71	83	85	------
8	59.52	59.55	61.06	58.97	59.55	60.50	25.8	25.8	28.3	30	27	25.8	32.2	25	84	84	72	71	80	86	------
9	60.07	60.45	61.99	59.94	60.10	61.83	25.5	25.4	24.5	27	25.9	25.2	28.5	23.7	87	86	92	81	83	82	91.4
10	61.43	60.98	62.28	59.72	60.07	61.12	24.9	24.4	27.4	30.9	26.1	25.7	31.5	23.6	85	89	77	69	85	86	7.6
11	60.06	60.45	61.74	59.84	59.70	60.73	24.5	24.6	26.5	29.8	26.5	24.9	30	23.6	92	87	80	69	84	92	20.8
12	59.75	59.82	60.90	58.09	58.33	59.46	23.9	23.2	26	29	25.8	23	29.9	22	92	95	83	69	84	96	------
13	58.18	58.87	60.04	58.10	58.57	59.32	22.5	22.9	26	25.5	25.3	24.9	26.8	21.6	95	96	84	84	82	82	15
14	58.90	60.23	62.10	59.70	60.54	61.76	23.3	23	24.4	24	23.1	22.4	25.7	21.4	89	90	85	91	95	96	99.6
15	61.29	61.59	63.18	61.08	61.50	62.75	22.5	22.9	23	25.4	24.4	24	26.2	21.6	94	89	94	78	79	82	16
16	62.39	61.80	62.64	60.78	61.13	62.02	22.3	22.8	24.8	26.6	23.4	23	28.4	21.1	89	89	78	78	83	87	3.6
17	60.86	60.54	61.40	59.60	59.91	60.68	23.4	23	26.3	28.6	25.3	25	29.8	21.5	83	86	66	62	74	80	1
18	60.07	59.91	61.25	59.19	59.79	60.99	23.3	24	26.5	25.4	25.2	24.1	27.3	22.4	91	86	80	93	92	95	41.4
19	59.86	59.96	61.86	59.79	60.13	62.30	23.9	23.9	26.6	29.9	26.6	24.5	31.4	23.1	95	95	87	68	84	94	------
20	61.49	61.51	62.82	60.49	60.93	62.09	23.1	22.5	27.4	27.9	26.6	26.4	29.7	21.8	97	96	82	82	87	86	------
21	60.89	60.93	62.11	59.82	59.97	61.37	25.4	25	27.4	30	26.8	24.4	30.3	23.8	88	92	84	80	86	95	2.5
22	60.85	61.09	62.19	60.51	60.28	61.57	25.1	24.6	27.6	30.3	26.4	25.8	31.2	23.6	87	91	76	70	79	82	1
23	60.65	60.79	61.82	59.97	60.50	61.68	24.4	24.9	25.1	28	25.5	24.4	29.2	23.8	88	87	94	80	88	88	14
24	61.14	60.75	61.40	59.24	59	60.40	23.5	24.5	26.6	29.5	26.5	25.8	30.7	21.4	91	90	83	73	88	89	------
25	59.85	59.89	61.07	59.10	58.79	60.75	23	22.5	26.7	28.5	26.6	25.9	29.1	21.5	91	95	83	78	87	85	------
26	59.96	60.17	61.09	59.16	59.58	60.67	25.1	22.5	27.1	29.3	26	25.5	30.7	22	88	96	80	72	88	84	.8
27	60.13	59.90	60.48	58.48	59.10	60.12	24.9	25	27.5	30	26.5	25.9	30.4	23.5	92	87	80	71	80	85	------
28	59.40	59.08	59.92	57.27	57.17	58.55	23	22	26.5	31.9	27.1	23.5	33.5	21.4	96	96	80	63	83	96	12.7
29	58	58.32	59.85	58.01	58.32	59.79	23.6	24	24.2	27.3	26	25.4	29.6	22	94	91	93	78	80	80	7.4
30	59.67	59.28	60.94	58.70	58.76	60.10	24.5	23.5	22.9	29	25.5	24.5	29.6	22.5	83	90	97	64	78	83	10.2
31	59.22	59.38	61.09	59.10	59.50	60.78	23.9	23.4	25.4	28.1	25.5	24	30	22.3	85	86	80	73	72	78	------
Mean	59.82	59.96	61.18	59.07	59.37	60.60	24.1	23.8	26	28.2	25.8	24.8	29.4	22.6	89.9	90.6	83.5	76.5	83.7	87	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	468.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	2	ENE	2	ENE	2	ENE	3	ENE	3	ENE	3	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N. NE
2	NE	4	NE	3	N	2	N	1	NE	1	ENE	1	10	Ci.	S.-Cu. NE	10	Ci.-S.	Fr.-N. NE
3	NE	2	Calm	----	Calm	----	NE	1	Calm	----	Calm	----	10	Ci.	S.-Cu. E	9	A.-Cu. E	Fr.-Cu. NE
4	Calm	----	Clam	----	NNE	1	NbyE	1	NE	1	NE	1	1	Ci. ENE	----------	4	Ci. E	Fr.-Cu. NE
5	NE	1	NNE	1	NNE	1	N	1	NNE	1	N	1	10	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
6	N	1	NbyE	1	NbyE	1	NbyE	1	NNE	1	ENE	1	9	Ci. E	Cu.	7	Ci. SE	Fr.-Cu. NE
7	NE	1	Calm	----	NNE	1	NNE	1	NE	1	NE	1	1	Ci. ESE	S.-Cu.	8	Ci. S	Cu. NE
8	NE	1	NE	1	NE	2	NE	2	NE	2	NE	1	9	Ci.	S.-Cu. ENE	7	A.-Cu. E	Cu. NNE
9	NEbyN	2	NEbyN	1	ENE	1	NE	2	NE	2	NE	2	10	Ci.-S.	S.-Cu. NE	9	A.-Cu. E	S.-Cu. NE
10	NE	2	NNE	1	NEbyE	2	NE	2	NE	2	NE	1	6	Ci.	S.-Cu. ENE	4	A.-Cu. E	Cu. ENE
11	NE	1	EbyN	1	NNE	1	N	1	NNE	1	NE	1	10	Ci.-S.	S.-Cu. E	2	Ci.	Cu. NE
12	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	8	A.-Cu. ENE	S.-Cu. E	1	----------	Cu.
13	Calm	----	Calm	----	N	1	Calm	----	NE	1	NE	1	2	----------	S.-Cu. NE	10	Ci.	Fr.-N. NE
14	Calm	----	NWbyN	1	NNE	1	NNW	1	NEbyN	1	NE	1	8	Ci.-S.	S.-Cu. NE	10	A.-Cu. E	S.-Cu. NE
15	NE	1	ENE	2	NEbyN	2	NE	2	NE	2	ENE	3	10	Ci.	S.-Cu. NE	7	Ci.-Cu. ENE	Cu. NE
16	E	2	ENE	3	NEbyE	3	NE	2	NE	2	ESE	2	8	Ci.-S.	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. NE
17	ENE	2	ENE	2	ENE	2	NE	2	NE	1	NE	1	9	A.-Cu. NEbyN	S.-Cu. NE	5	Ci. SE	Cu. NE
18	NE	1	NNE	1	NNE	1	NNW	1	NE	1	NE	1	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
19	NE	1	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	8	Ci.-Cu. SE	S.-Cu. SE	3	A.-Cu. ESE	Cu. SE
20	Calm	----	Calm	----	NNW	1	NWbyN	1	NEbyN	1	NE	1	7	Ci. S	S.-Cu. NE	7	Ci.	Cu. NE
21	Calm	----	Calm	----	Calm	----	NNW	1	Calm	----	Calm	----	10	Ci.	S.-Cu. NE	9	A.-Cu. NE	Cu. NE
22	E	1	ENE	1	ENE	1	NE	1	NE	1	NE	1	1	Ci.	S.-Cu. NE	7	Ci. SSE	Cu. NE
23	NE	1	NNE	1	NE	1	NE	1	NE	1	Calm	----	10	Ci.-S.	S.-Cu. NE	9	A.-Cu. E	Cu. NE
24	E	1	ENE	1	ENE	1	NE	1	NE	1	Calm	----	10	Ci.-S.	S.-Cu. ENE	4	Ci. E	Cu. E
25	Calm	----	Calm	----	NNW	1	NNW	1	NNE	1	NE	1	1	Ci.	S.-Cu.	2	Ci.	Cu. N
26	NE	1	Calm	----	NE	1	NNE	1	NNE	1	Calm	----	8	Ci.	S.-Cu. NE	5	A.-Cu. ESE	Cu. E
27	Calm	----	Calm	----	Calm	----	NNW	1	N	1	Calm	----	9	Ci.	S.-Cu. NE	2	Ci.	Cu.
28	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	3	Ci.	S.-Cu. ENE	1	Ci.	Cu.
29	Calm	----	Calm	----	NNW	1	NNE	2	NE	1	NE	1	10	Ci.-S.	S.-Cu. NE	8	A.-Cu. NE	Cu. NE
30	NE	1	NE	2	NNE	3	NE	2	NE	2	NE	1	10	A.-Cu. NE	S.-Cu. NE	8	Ci.	Cu. NE
31	NE	1	Calm	----	E	1	ENE	1	ENE	1	E	1	9	Ci.-S.	S.-Cu. E	9	Ci. ESE	Cu. NE
Mean	------	1	------	0.8	------	1.1	------	1.2	------	1.1	------	0.9	7.6	----------	----------	6.6	----------	----------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 7.8 meters; gravity correction not applied, —1.74 mm.]

FEBRUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.82	59.68	61.08	58.78	59.55	60.94	23.6	23	26.4	30.2	25.9	24.9	31.4	22.6	80	83	73	60	78	73	------
2	59.76	59.92	61.65	59.45	59.79	60.31	24.6	24.4	26	27.9	24.9	24.2	29	23	79	78	80	71	87	92	4.8
3	58.96	58.93	60.84	58.83	59.31	60.42	24	23.5	26.5	28.6	26.3	25.2	30.3	22.5	91	91	81	77	86	82	------
4	59.67	59.80	61.44	59.98	60.92	61.88	25	25	25.9	29.1	26	25.2	31.6	24.3	88	88	87	74	89	85	8.1
5	61.08	61.63	63.28	61.36	61.79	62.82	24.9	25.2	27.1	31	27.2	25.4	32.3	24	84	82	72	58	71	79	------
6	62.84	62.13	63.07	61.09	62.13	63.08	23.6	21.7	26.8	27.4	24.4	25	28.3	21.4	90	96	79	84	92	83	15.7
7	63.04	63.24	63.92	61.88	62.71	63.88	24.1	24.8	25.8	29.6	25.8	24.9	30.8	23	86	81	80	64	74	80	1.3
8	63.14	63.08	63.98	61.67	61.95	62.55	24.5	24.8	27.1	29.5	26.8	24.8	30.8	23.6	83	77	71	70	77	84	------
9	62.49	62.71	63.33	61.09	61.87	62.92	21.5	19.6	26.8	29.6	26.5	25.1	32.4	19.1	82	97	74	70	83	83	------
10	62.38	62.54	63.63	61.08	61.75	62.90	24.6	24.4	27.8	31	26.6	25.4	32.3	23.5	83	84	74	65	87	83	------
11	61.94	62.59	63.41	61.03	61.53	62.77	24.8	24	28	31.5	26.5	25.8	32.5	23.3	86	87	70	59	77	78	------
12	62.03	62.38	63.71	61.56	62.02	63.26	25.5	25.2	28	30	25.5	25	31	23.5	78	77	67	67	84	88	44.2
13	62.28	62.19	63.65	61.56	62.14	63.89	24.6	23.5	23.8	23.4	23	22.9	24.7	22.1	92	92	89	93	91	90	26.2
14	62.80	62.20	63.44	61.79	61.02	61.72	22.8	22.5	22.9	23.1	23.1	23	23.4	21.6	89	95	97	96	95	92	25.1
15	60.38	59.89	61.52	59.29	59.87	61.34	23.5	23.1	26.3	28.4	26	23.4	29.6	22.1	94	95	82	72	88	93	------
16	60.09	60.45	61.77	59.71	60.39	61.54	23	24.5	28.4	31	26.5	25.8	32.3	21.5	91	88	75	61	84	93	------
17	60.53	60.38	61.48	59.47	60.49	61.46	25.4	25.1	25.1	26.1	24.4	25.4	26.3	23.6	84	88	91	89	93	92	7.2
18	60.12	60.03	61.06	59.06	59.14	60.38	24.5	24.5	27.9	29.5	25.4	25	30.6	23.6	94	92	81	78	90	92	8.4
19	59.46	59.58	60.59	58.83	59.55	60.85	23.5	23	27.4	28.3	26.9	25.8	30	22	96	97	85	82	77	91	------
20	60.28	60.06	60.63	58.54	59.12	60.35	25	24	27.9	29.6	27	25.6	30.2	23	90	84	80	76	86	88	------
21	59.62	59.65	60.09	58.77	59.09	60.50	25.5	25.6	28.2	30.5	27.4	27	32.2	24	89	92	82	75	87	84	1.3
22	59.77	59.85	60.71	58.78	59.27	60.73	25.8	25.2	28.3	31.1	29.1	27.1	31.7	24.1	92	92	76	70	77	87	------
23	59.77	59.82	61.16	59.07	59.79	60.38	24.7	23	28.7	31.4	26.8	26	32.7	22.5	91	97	75	66	83	89	------
24	59.35	59.36	60.37	58.33	58.92	59.93	25.3	22.4	27.5	29	27	25.9	31.4	21.9	85	97	76	75	84	88	------
25	58.87	59.74	60.94	58.74	59.03	60.88	25.8	25.5	27.9	30.5	27.5	24.5	31.8	23.4	88	88	81	72	84	92	1.8
26	60.12	59.84	61.58	60.18	60.29	61.24	22.7	21	27	30.8	27.5	26.1	32.8	20.5	97	100	73	64	81	82	------
27	60.32	60.36	61.63	59.79	59.69	60.73	25.8	25.5	28.6	31.1	27.3	26.7	32.2	24.6	84	84	71	67	86	83	------
28	59.61	59.64	61.38	59.17	59.10	60.60	25.6	25.9	29.7	29	27.7	26	31.7	24.5	84	83	69	71	81	83	3.6
Mean	60.73	60.77	61.98	59.96	60.44	61.58	24.4	23.9	27.1	29.2	26.2	25.3	30.6	22.8	87.5	88.8	78.2	72.3	84	86	------
Total																					147.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	NE	1	Calm	----	NE	2	ENE	1	ENE	1	2	Ci.	S.-Cu. NE	5	A.-Cu. E	Cu. E
2	NE	1	NE	1	NEbyN	1	NNE	1	N	1	NNE	1	10	Ci.-S.	S.-Cu. NE	10	Ci.	S.-Cu. NE
3	NE	1	Calm	----	Calm	----	NNW	1	NbyW	1	NNE	1	10	Ci.	S.-Cu. NE	8	Ci.	Cu. N
4	NNE	1	NNE	1	E	1	NE	1	ENE	1	ENE	1	7	Ci. E	S.-Cu. NE	8	Ci.-cu. ENE	Fr.-cu. NE
5	E	1	E	1	SE	1	Calm	----	ENE	1	ENE	1	10	Ci.-S.	S.-Cu. ENE	5	Ci.	Cu. ENE
6	Calm	----	ENE	1	ENE	1	NE	1	ENE	1	ENE	3	4	Ci. SSW	S.-Cu. ENE	9	A.-Cu. E	S.-Cu. NE
7	NE	2	NEbyE	3	NEbyE	3	NE	2	NE	2	NE	2	7	Ci.	S.-Cu. NE	5	Ci. E	Cu. NE
8	NE	2	E	2	ENE	1	NE	1	NE	1	Calm	----	9	Ci.	S.-Cu. ENE	8	Ci.	Cu. ENE
9	SW	1	SW	1	Calm	----	N	1	N	1	NE	1	1	Ci. SE	------------	4	Ci. SE	Cu. NNE
10	Calm	----	ENE	1	E	1	NE	1	NE	1	NE	1	4	Ci.	S.-Cu. NE	4	Ci. S	Cu. NE
11	ENE	1	ENE	1	NE	1	NE	1	NE	1	NE	1	1	Ci.	------------	3	Ci.	Cu. NE
12	NE	2	NE	2	NEbyN	3	NE	3	NE	3	NE	2	6	------------	Cu. NE	8	Ci. SE	Cu. NE
13	NE	3	NEbyE	4	ENE	4	NE	4	NE	4	ENE	4	10	Ci.-S.	N. NE	10	------------	N. NE
14	NE	4	NE	4	NEbyE	4	NNE	1	NE	1	NE	1	10	Ci.	N. NE	10	------------	N. NE
15	NE	1	Calm	----	Calm	----	NNW	1	NbyE	1	NNW	1	8	Ci.-Cu. E	S.-Cu. NE	6	Ci. ENE	Cu. SE
16	E	1	ENE	1	NNE	1	NE	1	NNE	1	NE	1	4	Ci.	S.-Cu. ENE	4	Ci. SW	Fr.-cu. NE
17	NE	1	NE	1	NNE	1	NNE	1	NE	1	E	1	10	Ci.	S.-Cu. NE	10	------------	N. NE
18	Calm	----	Calm	----	NE	1	NE	1	NE	1	NE	1	1	Ci.-cu. ENE	S.-Cu. NE	9	A.-Cu. E	S.-Cu. NE
19	Calm	----	Calm	----	NNW	1	NNW	1	NE	1	Calm	----	7	Ci.	S.-Cu. NE	9	Ci.-Cu. SE	N. E
20	Calm	----	Calm	----	N	1	NNW	1	NNW	1	Calm	----	9	Ci.-S.	S.-Cu. N	4	Ci. S	Cu. S
21	Calm	----	Calm	----	NE	1	NNW	1	N	1	NE	1	8	Ci.	S.-Cu. NE	5	Ci. S	Fr.-Cu. NE
22	NE	1	NNE	1	ENE	1	NNE	1	N	1	NE	1	8	Ci.-Cu. E	S.-Cu. NE	4	A.-cu. ENE	Fr.-Cu. N
23	Calm	----	Calm	----	NE	1	NNE	1	NE	1	NE	1	7	Ci.	S.-Cu. NE	7	Ci. E	Cu. ENE
24	Calm	----	W	1	Calm	----	NNW	1	N	1	Calm	----	5	Ci.	S.-Cu. E	8	A.-Cu. SE	S.-Cu. SE
25	NE	1	NNW	1	N	1	NNW	1	NNW	1	Calm	----	9	Ci.	S.-Cu. N	2	Ci.	Cu. SE
26	SW	1	W	1	Calm	----	N	1	NNE	1	NNE	1	1	Ci.	S.-Cu.	0	------------	Cu. N
27	NE	1	EbyN	1	ENE	1	NE	1	NNE	1	NE	1	4	Ci.	S.-Cu. ENE	9	Ci.-Cu. E	Cu. E
28	NE	1	NE	1	NE	1	NNW	1	NNE	1	NNE	1	10	Ci.	S.-Cu. ENE	3	Ci.	Cu. E
Mean	------	1	------	1.1	------	1.1	------	1.2	------	1.2	------	1.1	6.5	------	------	6.3	------	------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 7.8 meters; gravity correction not applied, —1.74 mm.]

MARCH, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	59.27	59.66	60.74	58.70	58.85	60.15	25.2	24.5	28.5	31.9	27.6	26.1	33	23.6	89	92	75	63	80	86	------
2	59.01	59.81	61.68	59.53	59.91	61.05	26	25.9	29.7	29.5	27	26	32	25	81	82	69	75	83	88	------
3	60.02	60.13	61.21	59.52	59.13	60.49	25.9	26	28.5	31.6	28.1	26.5	33	24.9	82	80	70	65	73	80	------
4	59.70	59.84	61.38	59.01	59.13	61.03	25.5	25.4	28	29.4	28	26.8	31.8	24.8	87	84	73	68	81	85	------
5	60.53	60.60	61.73	59.56	59.74	61.12	23.7	21.8	28.2	33.6	28	26.3	34.4	21.3	93	96	69	56	79	82	------
6	60.26	61.12	62.41	60.03	59.92	60.73	22.6	21	27.6	31.6	28	27	32.3	20.6	89	97	75	60	79	85	------
7	60.05	60.20	61.41	59.31	59.45	60.55	25.8	22.7	28.4	30.6	28.2	26.4	33.2	22.1	84	97	75	65	80	82	------
8	60.07	59.60	60.61	58.53	58.19	59.37	25.7	23.5	29.5	33.4	28	25.9	34.3	23	85	92	64	54	74	79	------
9	58.95	59.22	60.44	58.48	58.39	59.43	23.9	21.4	28.5	30.2	28.5	26.9	32.4	20.9	88	95	71	68	78	80	------
10	59.10	59.26	60.49	58.63	58.20	59.36	22.7	21.5	29	32.4	27.7	26.9	33.7	21	97	98	68	55	76	81	------
11	59.01	58.74	60.44	57.92	57.54	59.05	26	25.9	28.9	34	28	26.8	34.3	24.6	84	81	69	54	74	77	------
12	58.80	58.15	59.63	57.41	57.98	59.16	24.4	25.5	28	31	26.5	26.7	31.5	22.5	87	80	77	65	90	83	------
13	58.59	59.29	60.35	58.38	58.75	60.69	25.9	25	29.5	31.1	27.5	26.7	31.5	24.6	80	82	67	62	77	79	------
14	60.37	60.47	61.77	59.88	60.42	61.55	26	26.2	29.1	32	27.4	25.5	32.4	24.6	80	79	74	57	68	80	15.5
15	60.69	60.72	61.96	60.39	60.22	61.34	24.2	24.9	28.5	26.1	25.9	24.4	30.8	22.4	90	92	78	83	84	94	10.4
16	60.36	59.97	61.44	59.19	59.49	60.73	25	25.3	28.6	27.5	23.8	25	31.8	23.5	88	85	80	78	97	91	21.1
17	59.36	59.49	60.96	58.66	58.48	59.98	24.8	24.4	28.9	30.5	27.7	26.8	32.7	23.5	90	91	74	76	83	85	------
18	59.07	59.35	60.79	58.77	59.16	60.93	25	25.1	28.4	31.4	27.5	26.1	32.5	24.5	89	88	75	61	77	84	15.2
19	59.87	60.12	61.16	59.50	60.04	61.63	26	25.5	29.6	29.4	25.4	25.4	32	24.4	82	83	66	71	84	80	7.6
20	60.62	60.04	61.19	58.91	59.44	60.19	25.6	25.6	28	31.2	27.4	26.7	31.3	24	87	82	77	67	78	86	1.3
21	58.67	58.47	59.78	58.06	58.35	59.04	26.2	26	28.7	31.6	26	25.4	32	24	87	86	75	62	85	85	15.8
22	58.05	58.93	59.70	57.80	57.75	58.87	24.8	24.1	24.9	25.6	24.9	25.4	27	23.1	90	91	93	95	97	95	54.4
23	57.24	57.39	58.86	56.23	57.43	58.84	25	25	27.5	26.2	26.3	24.5	30.1	23.7	95	92	81	90	89	96	6.8
24	57.80	58.22	59.74	57.38	57.82	60.19	24.4	23.5	28.1	30.1	27.8	24.3	31.4	22.9	95	96	80	74	84	97	20
25	59.39	60.01	61.43	59.53	60.04	62.15	23.4	22.9	28.5	31.5	25.8	26.3	32.7	22.4	97	97	79	72	92	84	4.3
26	61.69	61.63	62.93	60.73	61.07	62.45	25.2	25.5	29	28.9	26	25.9	30.6	24.5	87	87	81	79	83	85	3.3
27	61.73	61.64	62.92	61.15	61	62.48	24.5	23.8	29	27.7	26.4	26	32.2	23.1	90	92	78	76	85	84	1
28	61.64	61.96	62.88	60.88	60.59	62.33	24.6	21.9	28.6	28.8	27.6	26.3	31	21.4	85	96	73	76	79	90	------
29	61.38	61.33	62.63	60.22	60.77	62.38	25.3	23.6	29.9	32.1	27.9	27	33.3	22.5	85	94	69	65	78	83	.5
30	60.79	60.93	62.08	59.53	59.68	61.27	26.3	25.4	29	31	28	27.1	32	24.7	86	84	71	67	82	84	------
31	59.99	60.30	61.44	59.46	59.94	61.14	24.3	22.6	28.7	30	28.3	26.8	32.8	22.2	93	99	73	64	74	82	------
Mean	59.74	59.89	61.17	59.07	59.25	60.63	25	24.2	28.6	30.5	27.1	26.1	32.1	23.2	88	89.4	74.2	67.9	81.4	84.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	177.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.	0–10			0–10		
1	NE	ESE	ENE	NNE	NE	NE	------	------	------	------	------	7	Ci. E	S.-Cu. E	5	A.-Cu. ENE	Cu. NE
2	E	ENE	NE	NE	NE	NE	------	------	------	------	------	3	Ci.-Cu. E	S.-Cu. ENE	10	Ci.	S.-Cu. ENE
3	ENE	NE	NE	NNE	NNE	NNE	------	------	------	------	------	0	Ci.	S.-Cu. NE	1	Ci.	Cu. E
4	Calm	Calm	N	NNW	NNE	NNE	------	------	------	------	------	7	Ci.	S.-Cu. E	7	Ci.	Cu. E
5	ENE	Calm	NE	NE	NE	ENE	------	------	------	------	------	3	Ci. E	S.-Cu. ENE	2	Ci.	Cu. NE
6	SW	WSW	Calm	NNE	NNE	NE	------	------	------	------	------	1	Ci.	------	7	A.-Cu. SE	Cu. SE
7	Calm	Calm	NEbyE	NNW	NbyE	NNE	------	------	------	------	------	7	Ci.-S.	S.-Cu. E	7	Ci. SE	Cu.
8	Calm	Calm	ENE	NEbyN	NE	Calm	------	------	------	------	------	4	A.-Cu. ENE	S.-Cu.	1	Ci.	Cu.
9	NE	W	Calm	N	NNE	NE	------	------	------	------	------	1	A.-Cu. E	------	3	A.-Cu. SE	Cu. E
10	NE	W	NE	NNE	NE	NE	------	------	------	------	------	7	Ci. SE	Cu.	8	Ci. S	Cu. E
11	NE	ENE	EbyN	NE	NE	NE	------	------	------	------	------	8	Ci.	S.-Cu. ENE	7	Ci. SE	Cu. E
12	Calm	NbyE	NNW	N	N	N	------	------	------	90.3	------	7	Ci.	S.-Cu. E	7	A.-Cu. N	Cu. NE
13	NE	ENE	NE	NE	NE	NE	80.5	69.8	123.3	111.2	384.8	9	Ci.	Fr.-Cu. NE	10	A.-Cu. SE	Cu. E
14	NE	NE	NE	NE	NE	NE	123.1	141.8	202.5	165.2	632.6	10	Ci.	Cu. E	7	A.-Cu. S	Cu.-N. NEbyE
15	NE	NE	NE	E	N	NE	80.2	109.2	102.7	93.3	385.4	5	Ci.-Cu. S	S.-Cu. E	10	Ci.	N. E
16	NE	NE	NE	NNE	NEbyE	NE	72.4	102.2	73	56.9	304.5	7	Ci.-Cu. E	S.-Cu. ENE	10	Ci.-Cu. E	S.-Cu. ENE
17	NE	NE	NE	NE	NE	NE	44	------	110.4	109.7	------	10	Ci.	S.-Cu. E	9	A.-Cu. E	S.-Cu. NE
18	NE	NE	NE	NE	NE	NE	75.3	61.7	130.2	125.7	392.9	10	A.-Cu. E	S.-Cu. ENE	5	A.-Cu. E	Cu. E
19	NE	ENE	NE	NE	NE	NE	109.6	110	145.9	115.4	480.9	6	Ci. E	S.-Cu. E	10	Ci.	S.-Cu. NE
20	NE	NE	NE	NE	NE	NE	116.9	120.9	153.9	134.4	526.1	6	Ci. SE	S.-Cu. E	9	Ci.	S.-Cu. ENE
21	NE	NNE	NNE	NNE	NE	NE	148.7	180.9	226.9	223.1	779.6	8	A.-Cu. ESE	S.-Cu. NE	7	Ci.-Cu. SE	S.-Cu. NE
22	NE	NNE	NE	NNW	NNW	N	171.3	122.1	136.3	115.4	545.1	10	Ci.-S.	N. NE	10	------	N. NE
23	N	NNE	NE	SE	NE	Calm	109.4	127.4	61.7	33.5	332	10	Ci.-Cu. ENE	N. NE	10	Ci.	S.-Cu. E
24	Calm	Calm	NE	N	ENE	S	14.3	32.2	90.4	47.7	184.6	5	Ci.-Cu. E	S.-Cu. E	7	Ci.-Cu. SE	S.-Cu. ESE
25	SW	Calm	NNE	NNE	Calm	NE	35.4	44.5	83.1	84.3	247.3	4	Ci.	Cu.	8	Ci.-Cu. E	S.-Cu. ENE
26	NE	EbyN	NE	NE	NE	NE	85.1	114.6	121.8	------	------	5	Ci.-Cu. E	S.-Cu. NE	8	A.-Cu. E	S.-Cu. NE
27	NE	Calm	ENE	ENE	NE	ENE	------	41.3	101.4	78.1	------	4	A.-Cu. E	S.-Cu. ENE	10	Ci.	N. ENE
28	ENE	ENE	ENE	NNE	NE	NE	32.7	74	85.1	91.1	282.9	3	Ci.	S.-Cu. E	8	A.-Cu. E	Fr.-Cu. NE
29	NE	ENE	NE	NNE	NE	NE	37.2	66.6	93.9	99.8	297.5	0	Ci.	Cu.	4	------	Cu. NE
30	NE	ENE	ENE	N	N	NE	63.3	50.5	83.1	74.2	271.1	1	Ci.	Cu. NE	8	Ci.	Cu. ENE
31	W	WSW	NE	NNW	N	N	48.1	49.3	74.5	46.9	218.8	0	------	Cu.	1	------	Cu.
Mean	------	------	------	------	------	------	80.4	89.9	115.8	99.8	391.6	5.4	------	------	7	------	------

ATIMONAN.

[φ=14° 00′ N; λ=121° 55′ E; barometer above sea, 7.8 meters; gravity correction not applied, −1.74 mm.]

APRIL, 1909.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.28	60.65	61.48	59.56	59.60	61.47	24.4	22.5	29	30.2	28.1	27	33.2	22	89	96	68	76	82	83	1.3
2	60.20	60.29	61.88	59.47	59.96	61.54	25.8	25.7	29.5	32.9	29.9	28.3	33.5	24.6	84	86	66	60	69	74	------
3	60.09	60.76	61.76	59.49	60.13	61.44	26.3	23.5	29.6	32	29	27.5	33.9	23.1	86	96	71	63	78	81	------
4	60.33	60.80	61.97	59.93	60.04	61.18	23.8	22.9	29.6	31.6	28.5	26.9	33	22.5	97	97	70	65	81	84	------
5	59.77	60.08	61.68	59.42	58.97	60.22	24.5	23.3	30.2	31.2	29.7	24.1	33.2	22.7	91	94	66	64	67	96	------
6	59.12	59.14	59.89	57.67	57.43	58.58	23.4	22.2	29.6	33.9	28.5	26	34.5	21.7	94	97	71	62	80	90	------
7	57.56	58.11	59.53	57.10	57.36	58.70	23.8	22.9	30.8	32	29	27.4	33.9	22.4	97	97	57	60	77	81	9.4
8	58.51	58.69	60.11	58.20	58.56	60.18	23.4	25.8	29	28.9	25.3	25.9	32.4	23	97	88	76	81	98	89	29.7
9	58.75	59.74	60.71	58.09	58.38	60.15	25.8	24.4	27	32.8	27.9	23.6	33.3	22.3	89	96	81	58	82	93	------
10	59.21	59.84	60.58	58.47	58.54	60.19	22.5	22.5	30.3	33.6	29.8	25.1	34.8	21.4	94	93	67	63	76	92	------
11	59.15	59.79	60.97	58.97	59.44	60.80	23.5	22.6	29.1	31.6	28.8	27.5	33	22	97	99	76	65	76	77	------
12	60.15	60.43	61.41	59.46	59.98	60.86	23.8	22.6	29.9	32.2	29	27.9	32.8	22	94	96	65	61	74	81	------
13	59.84	60.22	61.17	59.16	59.19	60.77	26.5	22.3	29.6	31.9	28.9	28	33.4	21.9	80	97	68	65	78	81	------
14	59.40	59.45	60.38	58.77	59.13	60.12	27.1	26.5	30.1	30.6	27.1	26.3	32.3	25.7	82	86	73	72	91	95	3.3
15	58.78	59.25	60.52	57.86	58.49	59.29	26.9	24.5	29.4	31.4	28.9	28	32.4	24	86	96	79	72	81	85	------
16	58.03	58.14	59.82	58.25	58.29	59.86	26.5	25	30.6	30.6	26.8	25.6	32.9	24.2	92	95	70	75	90	96	26.2
17	58.56	59.14	60.09	58.02	58.12	60.04	26.6	24	28.8	30.9	28.9	28	32.5	23.6	88	97	72	70	81	81	------
18	59.43	59.54	60.62	58.51	58.93	60.48	26.5	24.3	29.9	33.9	29	27.6	34	23.9	85	96	71	62	77	80	------
19	59.62	59.92	60.02	57.75	57.59	58.89	26.8	26.5	30.2	31.9	29.1	27.7	32.6	25.7	83	84	67	64	76	80	------
20	57.80	58.41	59.41	57.62	57.89	59.27	26.8	26.5	30	32	29	25	32.8	23.7	81	82	69	60	74	93	------
21	58.31	58.85	59.67	57.75	57.92	59.23	23.8	23.6	29.5	33.9	29.5	25	34.8	22.9	96	96	72	54	69	92	------
22	58.89	59.07	59.81	57.66	57.56	59.11	24	23.3	31.1	32.5	29.2	25.3	34.6	22.7	92	96	68	60	77	92	------
23	58.64	58.81	59.43	57.59	57.48	58.96	24.4	24	30.8	34.5	28.8	26.1	35.3	23.1	88	96	67	54	80	91	------
24	58.14	58.49	59.18	57.63	57.78	59.09	25	23.9	31.1	32.4	29.5	26.4	34.4	23.1	88	95	68	64	78	87	------
25	58.84	59.07	59.65	57.92	58.36	59.87	24.8	24.8	30.4	31.9	29.4	27.7	32.9	23.9	93	85	62	55	74	80	------
26	59.05	59.16	59.82	57.74	58.24	59.50	24.4	23.7	31	33.1	29.6	27.9	34.8	22.9	88	94	65	60	75	81	------
27	58.78	59.13	60.02	57.64	57.31	58.81	27	23	30.4	33.5	30.1	24.3	34	22.4	80	95	69	56	71	93	------
28	58.59	58.25	59.12	57.24	57.28	58.71	24	23.2	31	33.1	30	25	34	22.5	91	95	71	55	66	92	------
29	57.77	57.90	59.10	56.96	57.65	58.69	23.8	23.6	31.1	32.8	29.1	25.3	34	23	96	95	71	64	74	93	------
30	57.75	58.26	59.43	57.54	57.62	59.19	27.2	26	31.1	35	29.8	28.2	35.5	24.4	80	89	65	53	73	74	------
Mean	58.98	59.31	60.31	58.25	58.44	59.84	25.1	24	30	32.3	28.9	26.5	33.6	23.1	89.3	93.5	69.4	63.1	77.5	86	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	69.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	NE	ENE	------	40.5	87.1	92.8	------	2	Ci.-Cu. E	S.	5	A.-Cu. E	Cu. E
2	NE	ENE	ENE	NNE	NE	ENE	57.6	54.5	77.2	85.5	274.8	5	A.-S.	S.-Cu. ENE	4	A.-Cu. E	Cu. E
3	Calm	ENE	N	N	NNE	NE	35.7	43.3	68.6	62.8	210.4	1	------	Cu.	4	------	Cu. NE
4	NE	NE	NNW	NNW	NE	ENE	45.1	52	77.7	62.8	237.6	0	Ci.	------	1	------	Cu. NE
5	NE	NEbyE	ENE	NNW	N	W	26.4	51.5	67.4	47.5	192.8	4	------	S.-Cu. ENE	3	------	Cu. NE
6	WSW	WSW	ENE	SSW	WSW	WSW	56.1	44.1	61.5	52.1	213.8	0	Ci. ESE	------	0	------	------
7	W	WSW	N	NNW	NNE	ENE	48.6	45.1	64.6	103.5	261.8	0	A.-S.	Cu.	3	Ci.	Cu. SW
8	W	E	Calm	N	N	N	63.3	44.5	78.3	85.8	271.9	9	Ci.	S. ENE	9	A.-Cu. S	S.-Cu. N
9	N	W	N	S	Calm	W	45.9	37.5	52.5	54.1	190	10	A.-Cu. E	S.-Cu.	5	A.-Cu. S	Cu. S
10	SW	WSW	SSE	NE	Calm	SW	70.6	49.3	40.4	43	203.3	10	A.-Cu. ENE	S.	1	------	Cu. E
11	W	SW	NE	NNW	NNE	NE	60	44.1	72.6	67	243.7	0	------	Cu.	1	Ci.	Cu. N
12	SW	SW	N	NNW	NNE	NE	55.7	44.9	73.5	71.1	245.2	0	Ci.	------	1	Ci.	Cu.
13	E	W	NNE	NNW	NNE	NE	37	40.5	84.5	97.2	259.2	0	Ci.	Cu.	3	A.-Cu. S	Cu. NE
14	NE	ENE	NNW	NNW	N	NE	72.6	69.7	98.7	78.4	319.4	5	Ci.	Cu. NE	9	Ci.	S.-Cu. NE
15	NE	W	NNW	NNW	NNE	N	45.9	71.1	86.7	57.6	261.3	9	A.-Cu. SW	S.-Cu. SE	7	Ci.-Cu. SW	Cu. SE
16	Calm	NE	ENE	NNW	NNE	NE	30.8	45.7	75.4	72.2	224.1	8	Ci. SW	S.-Cu. NE	9	Ci.	Fr.-Cu.
17	NE	Calm	E	NNW	NNE	NE	61.4	34.6	80	83.2	259.2	4	Ci. WNW	Cu.	4	Ci. W	Cu. ESE
18	NE	Calm	ENE	NE	NNE	ENE	58.9	40.8	72.4	67.3	239.4	4	Ci. NW	Cu.	5	A.-Cu. ENE	Cu. NE
19	ENE	ENE	ENE	NNW	NNE	E	66.5	56.6	81	64.4	268.5	3	Ci.	Cu. ENE	2	Ci.	Cu.
20	E	NEbyE	ENE	NNW	NNE	W	67.4	43.1	72.7	38.9	222.1	1	Ci. N	Cu.	2	Ci.	Cu.
21	W	WSW	NE	WSW	Calm	SSW	51.3	44.8	34.3	32.5	162.9	1	Ci.-Cu. E	Cu.	4	Ci.	Cu. SE
22	SW	SW	NE	N	NNW	SW	49.1	43.1	55.3	32.8	180.3	4	A.-Cu. E	Cu.	5	Ci.	Cu. SE
23	SW	SW	SW	WSW	WSW	W	53.1	52.6	35.1	48.1	188.9	5	A.-Cu. N	------	3	Ci.	Cu.
24	W	W	ENE	NNW	NE	W	43.7	48.3	63.8	41	196.8	5	A.-Cu. SE	Cu.	6	A.-Cu. E	Cu.
25	Calm	Calm	N	NNW	NNE	NNE	29.3	44.1	76.4	57.6	207.4	7	A.-Cu. NE	S.-Cu. SE	3	Ci. N	Cu.
26	NNE	WSW	E	NNW	NNE	NE	27.1	51	73.5	70	221.6	6	A.-Cu. ENE	Cu. ENE	1	Ci.	Cu.
27	NE	W	ENE	NNW	NNE	W	49.9	48.3	74	44.9	217.1	1	Ci.	------	0	Ci.	Cu.
28	W	WSW	ENE	NNW	NNE	WSW	55	44	68.7	34.3	202	0	Ci.	------	1	Ci.	Cu.
29	W	WSW	N	NNW	N	Calm	58.4	40.5	65.4	25.2	189.5	6	Ci.-Cu. NNW	Cu.	4	Ci. N	Cu.
30	N	ENE	NEbyE	NNE	NE	NE	44.5	60.7	78.9	75.6	259.7	7	Ci.	S.-Cu. NE	1	Ci.	Cu.
Mean	------	------	------	------	------	------	50.6	47.7	69.6	61.6	228.4	3.9	------	------	3.5	------	------

ATIMONAN.

[ϕ=14° 00′ N ; λ=121° 55′ E ; barometer above sea, 7.8 meters ; gravity correction not applied, —1.74 mm.]

MAY, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.02	57.98	58.94	57.46	57.88	59.14	27.5	27.5	30.5	29.2	28.7	25.8	33.7	25	76	78	67	80	77	93	6.9
2	58.40	58.41	59.56	57.39	58.26	59.96	24.4	23.8	30.5	32.5	29.8	28.1	34.1	23.1	95	97	74	60	75	80	------
3	58.91	59.11	59.78	57.93	57.86	58.96	25.3	24.8	31.5	33.3	30.3	28.9	33.7	23.9	93	93	64	60	76	81	------
4	57.83	58.38	59.69	57.64	57.61	58.87	27.8	25.5	31.6	31.7	29	28.5	34.5	24.8	85	93	65	71	79	81	------
5	57.87	58.08	58.95	57.11	57.14	58.25	27.6	27.5	32.3	30.7	26.4	26	32.6	24.7	87	84	66	74	93	95	24.2
6	57.49	57.54	58.74	56.66	56.89	58.39	24.8	24.6	29.5	32	28.9	28.4	32.5	23.8	98	97	79	69	86	83	------
7	57.66	57.51	58.51	57.06	57.12	58.59	25.9	25.9	29.9	30.5	28.6	28	33.4	24.6	95	93	77	78	83	85	------
8	57.03	56.84	58.03	56.08	56.48	58.12	27.8	27.9	32.1	32.6	29.6	28.7	33.8	27	88	84	68	68	80	82	------
9	57.03	57.08	58.24	56.75	57.86	59.04	27.3	27.4	31.5	30.5	25.5	25	33	24.4	76	87	73	75	94	95	12.7
10	58.12	58.41	59.42	57.67	58.30	59.86	24.7	23.9	29.4	30.5	25.7	25	32.3	23.4	94	97	76	75	94	95	6.9
11	59.25	59.31	59.78	58.21	58.54	59.81	24.9	24.2	29.7	31.5	28.6	28.2	32.4	23.4	95	97	76	73	83	85	6.4
12	58.81	59.17	59.51	57.69	58.18	59.90	25.8	25	29.6	31.9	24.9	26.3	32.4	24.3	89	96	79	70	96	93	11.7
13	58.67	58.20	58.83	57.54	57.50	58.89	26.6	26.9	30.9	28.9	28.4	26.3	31	24.4	91	90	74	83	81	96	------
14	58.13	57.76	58.47	56.92	56.95	59.38	25.5	24.3	30.9	32.9	29.5	26.1	33.7	23.6	93	97	72	67	79	95	------
15	58.34	58.30	58.22	56.59	57.39	59.53	25	24.2	31.4	34	31.4	26	35	23.5	96	97	69	61	73	96	------
16	58.77	58.34	59.52	57.09	57.31	59.27	24.9	24.4	31.4	33.5	31	26.8	34.6	23.5	94	97	69	61	71	91	------
17	58.75	58.14	59.18	57.94	57.69	59.65	26.4	28.5	27.4	27.1	27.5	25.7	30.4	25.2	91	78	88	90	85	98	50.6
18	59.04	58.84	60.06	58.07	58.38	59.98	24.7	24.4	30	32.5	28.8	24.8	33.6	23.8	98	97	78	69	89	98	25.7
19	59.42	59.37	60.11	57.90	58.13	59.19	24	24.4	30.8	32.6	24.5	24	33.6	23.5	98	100	77	68	95	96	6.4
20	58.41	58.42	59.32	57.46	57.39	58.88	23.5	23.5	31	33.8	29.4	27.7	34	23	98	99	72	63	71	79	------
21	58.09	58.19	58.76	57.40	57.80	59.85	25.5	24.6	31.5	32.4	29.9	26.1	33.4	23.8	91	94	66	64	77	95	3.8
22	59.31	58.83	59.06	58.05	58.54	60.64	25.8	25.1	31.6	30.8	29	25.6	33.2	24.2	93	95	70	76	83	95	------
23	60.63	60.53	60.35	59.16	59.03	60.33	24.5	24.2	30.8	28	29.5	26.5	32.2	23.4	93	95	76	82	80	93	25.9
24	60.05	59.34	59.80	57.50	57.36	58.86	24.1	24.2	30.5	32.4	29.8	28.9	33.2	23.3	98	97	74	68	79	80	------
25	58.35	58.69	58.36	56.24	56.76	58.07	28	26.6	31.8	31.8	30.9	26.8	33.8	25.6	85	86	67	70	78	94	------
26	57.44	57.71	57.99	56.44	56.78	58.84	26	25.5	32.3	32.2	29.5	26.8	33.3	24.1	92	93	62	66	76	90	------
27	57.24	57.99	57.96	56.43	57	58.75	25.6	25.4	31.6	34.3	29	26.5	34.4	24.5	94	93	66	61	79	91	------
28	57.99	58.14	57.60	56.42	56.68	58.31	25.1	25	31.3	30.9	29.9	24.8	33.8	24	95	96	73	76	78	97	39.4
29	57.21	58.04	58.48	57.37	57.58	58.77	24.6	24.7	28.5	28.5	26.6	24.8	30.5	24	98	97	84	81	91	98	41.4
30	56.95	57.45	57.90	55.82	56.01	57.88	27	27.1	30	31.9	29.7	27.9	33.5	24.1	90	87	77	68	77	85	------
31	56.44	56.84	57.81	56.25	56.67	58.84	24.7	24.5	31.2	27.8	29.2	26.9	33	23.9	97	96	69	85	80	89	------
Mean	58.25	58.29	58.93	57.23	57.52	59.12	25.7	25.3	30.7	31.4	28.7	26.6	33.2	24.1	92.1	92.9	72.5	71.4	81.9	90.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	262

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	ENE	ENE	NE	NE	Calm	55.8	48.9	73	39.2	216.9	0	------	Cu.	9	A.-Cu. ENE	Cu. NE
2	Calm	Calm	NNE	NNW	NE	NE	------	38.8	84.8	80.5	------	8	Ci. E	Cu.	5	Ci. ENE	Cu.
3	E	W	NE	NNW	NE	NE	32.2	46.7	85.6	81.8	246.3	1	------	Cu.	2	------	Cu.
4	NE	W	NNE	NNW	NNE	NE	46.2	41.3	80.7	70.5	238.7	3	Ci.	Cu.	9	Ci.	Cu. NE
5	NE	NEbyE	NEbyE	NbyW	Calm	NW	59	48.3	76.4	39.6	223.3	4	Ci.	Fr.-Cu. NE	7	Ci.	S.-Cu. NE
6	W	W	N	NNW	NNE	NE	39.2	69.8	85.9	61.4	256.3	5	A.-Cu. E	S.-Cu. E	7	Ci.	Cu.
7	Calm	Calm	NNW	NNE	ESE	NE	31.7	72.6	69.4	42.8	216.5	8	Ci. WSW	Cu.	9	Ci. SSW	Cu. NE
8	NE	ENE	ENE	NNW	NNE	NE	60.9	50.1	87.7	53.6	252.3	5	Ci.	Cu. ENE	9	Ci.	Fr.-Cu. N
9	Calm	NE	NNE	N	SW	SW	26.8	53.4	59.7	37.2	177.1	3	Ci.	Cu. NE	9	Ci.	S.-Cu. ENE
10	SW	W	NE	NNW	Calm	WSW	41.6	38.3	61.8	41.2	182.9	10	Ci.	S.-Cu. NW	10	Ci.	S.-Cu.
11	WSW	WSW	N	N	NE	NE	54.7	40.2	70.3	57.4	222.6	10	Ci.	S.-Cu. SE	8	Ci. ENE	Cu. SE
12	SW	WSW	N	N	WNW	NE	45.7	54.5	61.2	50.9	212.3	10	A.-Cu. E	Cu.	8	Ci.-Cu. E	Cu. SE
13	NE	NNE	NNW	N	NE	Calm	61	65.2	58.1	34.1	218.4	10	Ci.	Cu. E	10	Ci.	S.-Cu. NNW
14	W	WSW	NNE	N	Calm	W	36.4	37.8	49.6	27.6	151.4	9	Ci.	S.-Cu.	4	Ci.	Cu. SE
15	SW	WSW	E	ENE	Calm	SW	39.6	43.5	41.2	42.1	166.4	8	Ci.-S. NE	Cu.	4	Ci.	Cu. SE
16	W	W	ENE	N	NNE	Calm	50.1	38.1	63.1	42.6	193.9	4	Ci. ENE	------	6	Ci. E	Cu.
17	Calm	NNE	NNW	NNW	NNW	NE	40	64.1	72.1	38.4	214.6	5	Ci. E	Cu. N	10	A.-Cu. E	S.-Cu. NNE
18	NW	W	N	NWbyN	NW	W	38.8	41.5	49.6	47.3	177.2	10	A.-Cu. ENE	S.-Cu.	7	Ci.-Cu. E	Cu. SSE
19	W	WSW	N	N	SW	SW	51.8	40.8	62.6	52.3	207.5	9	Ci.	S.-Cu. E	6	Ci. E	Cu. SE
20	W	WSW	ENE	N	NNE	NE	51	42.3	60.9	54.2	208.4	2	Ci.	S.-Cu.	1	------	Cu.
21	NE	wbyN	ENE	ENE	NNE	Calm	47.5	43	41	26.8	158.3	1	Ci.-Cu. E	Cu.	8	Ci.	Cu. S
22	WSW	Calm	ENE	Calm	N	W	23.9	40.4	33.5	35.4	133.2	6	Ci. E	Cu.	9	Ci.	S.-Cu. S
23	WSW	WSW	N	SW	Calm	W	43.8	53.3	49.4	30.6	177.1	6	Ci.-Cu. SSE	S.-Cu. SE	8	Ci.	Cu. SE
24	W	W	N	NbyW	NE	NE	41	41.8	70.3	56.5	209.6	8	Ci. E	S.-Cu. S	5	Ci. E	Cu. SE
25	NE	NNW	N	NNW	Calm	SW	67.8	38.3	49.6	34.1	189.8	9	Ci.	Fr.-Cu. NE	7	Ci.	Cu. SSE
26	W	SWbyW	SSE	SSW	Calm	W	47.2	39.7	47.2	30.6	164.7	7	Ci. SSE	Cu.	8	Ci.-S.	Cu. SSW
27	W	Calm	Calm	S	Calm	SW	33.3	34	52.8	30.8	150.9	8	Ci.-S.	S.	9	Ci.	Cu. S
28	WSW	Calm	S	Calm	Calm	Calm	39.1	37.5	32.5	30	139.1	10	Ci.	Cu.	9	Ci.	S.-Cu. S
29	Calm	SW	NNW	N	Calm	Calm	25.1	36.8	29.8	20.7	112.4	10	Ci.-S.	S.-Cu. N	9	Ci.	Cu.-N. SE
30	NE	ENE	NNE	ENE	NE	SSE	74.2	75	76.9	45.7	271.8	9	Ci.-S.	S.-Cu. E	9	Ci.-Cu. E	S.-Cu. E
31	SW	WSW	E	WSW	N	Calm	48	39.4	61.2	33.8	182.4	6	Ci. ENE	Cu.	9	Ci.	S.-Cu. SE
Mean	------	------	------	------	------	------	45.1	46.9	61.2	44.2	195.7	6.6	------	------	7.4	------	------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 7.8 meters; gravity correction not applied, −1.74 mm.]

JUNE, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.74	57.71	58.60	57.14	57.30	59.04	25.6	24.5	30.8	33.9	29.9	29	34.4	23.7	93	96	69	62	78	78	-----
2	57.94	58.35	59.05	57.14	57.08	58.54	28	27.6	31.9	33.1	30.5	28.9	34.3	27	84	83	65	63	74	81	-----
3	57.44	57.71	58.50	56.87	57.32	58.69	26	25.8	32.5	34	27.5	26.1	35.5	24.7	92	93	63	62	94	97	6.4
4	57.82	58.24	58.92	57.13	56.93	58.12	25	24.8	31.5	32.1	30.1	29.1	34	24.2	98	98	70	66	80	84	-----
5	57.73	58.31	58.66	57.20	57.43	58.67	26.1	24.8	31.7	33.5	29.5	29	34.5	24.1	95	97	62	64	78	78	-----
6	57.67	57.63	58.39	57.10	57.37	59.26	28.8	28.1	30.8	29.9	29	28.9	33.5	27	83	84	72	77	84	83	-----
7	58.43	58.64	59.05	57.64	57.71	59.51	28	25.1	31.5	33.3	30.6	29.3	34.9	24.6	87	98	70	64	78	81	-----
8	58.37	58.69	59.19	58.38	58.42	59.80	28.4	27	31.8	31.6	27.5	25.5	34.4	24.4	82	91	70	71	89	97	15.7
9	58.75	58.91	58.91	56.94	57.11	58.78	24.5	24.1	31.1	35	30.4	27.5	35	23.2	97	98	72	57	78	87	24.1
10	58.38	58.46	58.51	56.66	57.07	58.83	25.1	24.5	31	33.5	30.3	27.4	34.5	23.4	94	96	76	64	76	93	-----
11	58.15	58.22	58.61	56.95	56.97	58.73	26	24.8	31.9	33	30.5	29	34.4	24.1	94	98	69	60	70	78	-----
12	58.19	58.08	59.02	57.53	57.91	59.48	27.9	26.6	31.5	30.7	29.6	28.5	31.9	25.6	82	89	69	74	72	81	-----
13	58.91	59.46	60.02	58.58	58.98	60.42	26	25.8	29.5	29.5	26.2	25.4	31.8	24.5	93	90	77	79	94	97	2.8
14	59.74	59.48	59.83	58.03	58.68	60.17	25.1	27	31.4	31.6	28.3	26.3	34.3	24.5	98	89	73	73	89	96	3.3
15	59.56	59.54	60.13	58.09	58.12	60.02	25.3	24.4	31.5	31.4	28.5	25.6	34.5	23.9	98	95	68	73	85	94	-----
16	59.06	59.16	60.12	59.34	58.50	59.82	24.1	24	31.5	25	26.2	24.7	31.8	23.3	92	94	72	94	91	97	4.1
17	59.10	59.13	59.85	57.96	58.24	59.61	23.7	23.2	31	32	27	25.2	32.5	22.5	97	97	69	66	84	94	-----
18	58.50	58.90	59.20	57.86	57.32	58.65	24.4	23.8	30.2	30.9	29.5	25.2	33.1	23.1	95	94	61	66	74	91	-----
19	58.16	58.49	58.24	56.74	56.52	58.05	24.8	25	27.4	30.1	29.4	26.6	32.4	24	89	86	78	68	72	80	-----
20	57.07	57.26	57.87	56.72	56.48	57.61	26.2	25.4	26.5	28	27.5	26.4	29.5	24	79	84	79	74	85	87	-----
21	56.21	56.34	56.22	55.48	55.68	56.18	26.1	25.4	29.2	29.5	29.2	25.5	30.9	24.9	82	84	74	71	76	93	-----
22	56.06	56.82	58.08	56.25	56.75	58.73	24.6	25.6	26	26.9	27	24.7	29.2	23.7	93	90	85	86	87	96	9.9
23	57.99	57.46	57.32	57.26	58.46	59.75	24	23.7	28.4	30.5	24.8	24.3	31.8	23	96	96	72	65	94	95	1.3
24	58.21	58.24	58.65	57.49	57.87	59.29	23.8	26.3	30.3	27.9	27.6	27.5	31.6	23	93	86	76	84	84	81	1.8
25	58.23	58.18	58.89	56.91	57.12	58.51	25.7	26	28.4	28.8	28	25.9	29.3	24.5	92	99	85	86	88	93	48.8
26	57.97	57.86	58.87	56.34	56.54	58.46	24.4	24	28.4	29.5	27.6	25.9	30.4	23.4	97	98	79	76	86	95	-----
27	57.14	57.27	58.07	56.36	56.59	58.33	25	25	30.2	31.5	28.9	26.4	33	24.3	96	96	71	68	82	94	-----
28	58.12	57.31	58.07	56.69	57.40	59.05	25	24.4	31.6	33.5	29.8	25.9	34.5	23.6	96	96	68	62	72	91	-----
29	58.55	58.70	59.55	57.76	58.01	59.81	24.6	24.1	30	32.6	28.4	25.5	33	23.5	95	96	74	69	80	96	13.7
30	58.74	58.80	59.60	57.76	57.42	59.14	24.5	24.4	30.6	31.2	28.8	26	32.8	23.6	96	97	73	68	78	93	13.7
Mean	58.13	58.24	58.80	57.28	57.44	58.97	25.6	25.2	30.3	31.1	28.6	26.7	32.9	24.1	91.9	92.9	72	70.4	81.7	89.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	145.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	SW	W	NE	N	NNE	NE	33.5	36	73.2	64.9	207.6	3	Ci.	Fr.-Cu. NE	4	Ci.	Cu. SE
2	NE	ENE	ENE	N	NE	E	57.4	48.5	81.9	76.6	264.4	3	-----	Cu. NE	7	A.-Cu. NE	Cu. NE
3	Calm	Calm	ENE	NE	SW	SW	30	48.6	64.1	44.3	187	6	Ci.-Cu. E	Cu.	5	Ci.	Cu.-N. S
4	SW	SW	NE	NNW	NNE	NE	54.4	42.3	72.1	50.4	219.2	8	Ci.-Cu. ESE	Cu.	6	Ci. SSW	Cu. SE
5	NE	SW	NE	NE	NE	NE	45.6	51	-----	-----	-----	9	Ci. NW	Cu.	9	Ci.	Cu. E
6	NE	E	E	W	NNE	NE	71	52.8	46.5	47.8	218.1	9	A.-Cu. E	S.-Cu. NE	10	Ci.	Cu. SE
7	Calm	SW	N	NbyW	NNE	NE	41.3	39.1	80.3	69.2	229.9	3	Ci.	Fr.-Cu. E	4	A.-Cu. SE	Cu. SE
8	NE	Calm	ENE	W	Calm	W	36.2	38.9	44.3	45.1	164.5	10	Ci.	S.-Cu. NE	10	Ci.	Cu.-N. S
9	W	SW	E	SW	Calm	Calm	52.1	41.2	39.7	22.8	155.8	3	Ci. SW	Cu.	6	Ci. SE	Cu.
10	NW	SW	E	N	NE	Calm	40.4	41	51.5	22.7	155.6	4	A.-Cu. NE	S.-Cu.	3	-----	Cu.
11	WSW	WSW	ENE	N	NE	E	29.8	43.7	65.5	71.8	210.8	2	Ci.	Cu.	4	Ci. SEbyE	Cu.
12	NE	Calm	ENE	NE	NE	NE	54.5	38.8	-----	-----	-----	6	Ci. E	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
13	W	NW	NNW	NNW	Calm	W	-----	-----	-----	39.1	-----	6	Ci. SW	Cu.	10	Ci.	S.-Cu.
14	SW	NEbyE	EbyN	N	Calm	W	37.8	45.3	36	28.2	147.3	10	Ci.-S.	S.-Cu.	10	Ci.-Cu. SE	Cu.-N. E
15	W	W	SE	NE	SW	W	38.1	40.7	42	-----	-----	8	Ci. E	Cu.	10	Ci. E	Cu.
16	SW	SW	NbyE	Calm	Calm	W	40	41.8	16.1	23.8	121.7	7	Ci. E	Cu.	10	Ci.-S.	N. S
17	W	SW	NE	WSW	WSW	Calm	47.2	37.8	46.4	32.7	164.1	10	Ci.-S.	-----	9	Ci. ENE	Cu. SW
18	WSW	WSW	SW	S	Calm	WSW	33	62.6	60.7	22	178.3	3	Ci.-Cu. S	Cu.	10	Ci.-S.	S.-Cu. SW
19	WSW	WSW	WSW	SW	WSW	Calm	53.4	34.3	56.5	26.2	170.4	10	Ci.-S.	S.-Cu. W	9	Ci.-S.	S.-Cu.
20	W	W	W	W	W	Calm	48.6	61.7	53.1	38.3	201.7	10	A.-Cu. SW	S.-Cu. SW	10	Ci.-S.	S.-Cu. SW
21	WSW	Calm	SW	SW	Calm	SW	53.7	56.8	52.3	33.3	196.1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu. W
22	W	S	W	Calm	Calm	Calm	39.7	35.4	12.7	29.6	117.4	10	Ci.-Cu. ENE	S.-Cu. SW	10	Ci.-S.	S.-Cu. S
23	SW	Calm	Calm	N	Calm	W	27.4	26.4	40.5	31.4	125.7	10	Ci.	N.	9	Ci.-Cu. NNW	Cu.
24	Calm	NNE	NNE	NNW	NNW	ENE	36.2	63.9	73.8	70.2	244.1	10	Ci.-S.	S.-Cu. NE	10	Ci.	S.-Cu. NE
25	NE	N	NNW	N	NbyW	E	62.5	50.7	57.6	32.7	203.5	10	Ci.	N. NE	10	Ci.	S.-Cu. NE
26	W	WSW	Calm	WSW	Calm	Calm	36.8	33.3	-----	-----	-----	10	Ci.	S.-Cu. NEbyE	10	Ci.	S.-Cu. SW
27	SW	Calm	SSW	SW	Calm	SW	-----	-----	-----	-----	-----	10	Ci.-Cu.	S.-Cu. S	7	A.-Cu. SW	Cu. S
28	Calm	SWbyW	SSE	SW	Calm	SW	-----	-----	-----	-----	-----	7	Ci.-Cu. NE	S.	9	Ci.	Cu. S
29	SW	SW	Calm	NE	N	Calm	-----	-----	-----	-----	-----	6	Ci. E	-----	9	Ci. E	Cu. E
30	SW	Calm	NE	N	N	Calm	-----	-----	-----	-----	-----	7	Ci. ENE	Cu.	9	Ci.	Cu.
Mean	-----	-----	-----	-----	-----	-----	44	44.5	53	42	184.9	7.3	-----	-----	8.3	-----	-----

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4 meters; gravity correction not applied, —1.74 mm.]

JULY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.70	57.40	57.83	55.82	55.97	57.56	23.8	23.8	29.9	30.3	28.5	25.7	30.7	23	97	97	76	72	81	94	------
2	56.37	55.86	56.70	55.22	55.56	57.25	24.4	23.9	31.1	29.9	27.5	26.1	33.3	23.4	97	96	71	74	92	94	------
3	56.59	56.37	56.90	55.53	56.37	58.19	24.4	23.8	30.3	30	27.6	26.6	33	23	96	97	75	77	83	87	------
4	57.10	56.76	57.99	56.97	57.41	58.99	24.2	24	29.3	24.9	26.6	24.4	30.7	23.4	95	96	76	91	86	95	10.2
5	57.17	57.73	58.20	56.51	56.72	58.61	23.5	23.4	30.1	31.8	29.1	24.9	33.1	22.6	96	97	73	64	78	95	11.2
6	57.50	57.65	58.07	56.65	56.54	58.04	23.9	24.1	28.1	28.8	28	24.4	30	23.1	95	95	80	79	84	93	30.2
7	57.01	57.03	58.25	56.91	56.85	57.75	23.4	23.5	25.7	26.2	25.5	24.6	27.7	22.8	98	97	90	90	93	95	11.7
8	56.80	57.11	57.99	56.30	57.44	58.69	23.5	23.6	26.8	30.8	24.7	24.1	31.8	23	99	98	86	69	96	97	63
9	57.80	57.55	57.72	56.28	56.98	58.54	24	23.6	28.5	30.6	27.9	24.5	31	23.1	97	99	83	67	82	92	------
10	57.22	57.08	57.40	56.36	56.27	57.56	23.5	23	28.9	30.1	28.3	25.5	30.7	22.5	96	96	74	71	82	95	------
11	56.68	56.23	56.94	55.67	55.78	56.89	25.3	23.9	29.7	29.6	27.9	25.6	30.7	22.3	85	92	72	73	84	93	.8
12	55.85	56.21	56.58	54.72	54.64	56.32	24.8	25	25.2	25	24.6	25.7	25.9	22.8	89	88	91	87	89	78	8.9
13	55.43	56.07	56.95	55.36	56.14	58.82	23.8	24.7	27.9	30	28	24.5	30.9	22.7	93	83	77	69	70	93	4.8
14	56.94	57.67	58.52	57.13	57.50	59.45	22.8	22.9	26.8	29.1	27.3	25.1	30.3	21.5	98	96	84	67	82	92	------
15	57.81	58.64	58.94	57.43	58.12	60.40	24.1	23.8	29.7	29.7	28.6	24.6	32	22.4	94	94	80	73	76	87	.5
16	59.37	59.14	59.42	57.92	58.16	59.20	23.5	23.1	27.8	30	26.6	25.5	30.8	21.8	95	96	85	71	80	92	30.2
17	57.51	56.77	57.59	56.13	56.84	58.06	24.6	24.1	28.7	30	26.8	25.1	31.9	22.7	94	94	78	69	86	93	1
18	57.04	56.54	57.65	56.56	56.86	58.69	23.6	23.5	29.6	29.2	28.5	25.3	31.1	22.3	97	96	73	80	80	94	1.3
19	58.21	58.62	58.87	57.56	58.09	59.40	24.8	24.6	28.1	30.2	28	25.6	31.7	23.5	93	95	83	68	81	94	------
20	58.91	59.02	59.47	57.90	57.89	58.41	24.5	24.2	25.3	27.1	25.8	24.6	28.5	24.1	94	93	94	82	85	94	3.6
21	57.93	57.53	58.54	56.90	57	58.31	23.9	24.1	25.5	27.8	27.4	24.7	29.2	23.3	89	91	92	82	81	93	30.7
22	57.87	57.39	57.65	56.45	56.96	58.47	24.4	23.5	29.6	27.7	26.7	24.8	31	23.5	97	95	77	85	90	95	.5
23	57.91	57.44	57.98	56.70	56.80	57.90	23.8	23.7	29.5	26.7	27	25	30.7	22.6	97	97	81	86	90	96	------
24	56.97	56.56	56.79	55.53	55.38	56.79	24.1	23.7	28.6	28.7	27	25.1	30.2	23.3	98	97	80	77	86	95	------
25	55.90	55.07	56	54.29	54.78	55.79	25	24.1	27.7	30.2	27.5	25.1	31.8	23.9	94	95	83	68	81	95	------
26	55.04	54.72	54.84	53.47	54.30	55.69	25.1	25.8	29.4	30.9	27.3	27.1	31.7	24.1	88	88	70	67	84	79	2.3
27	54.61	54.51	55.22	53.88	54.05	55.02	26.3	25.8	27.6	27.9	26.3	25.6	30.4	25.2	83	84	84	81	88	88	15.3
28	53.27	52.31	52.84	51.84	52.16	52.80	25.1	26.3	28.5	29	26.2	26.5	29.4	24.6	87	86	75	74	86	84	5.3
29	51.65	51.40	51.67	51.59	51.81	54.48	27.5	26.1	25.4	27.7	27.7	27.6	28	24.9	78	85	91	82	76	80	5.8
30	55.21	55.36	56.45	55.45	56.23	57.01	24.5	24.5	29.1	31	27.6	26.4	32.4	24.3	92	96	71	65	73	80	------
31	56.92	57.10	57.64	56.23	56.42	58.10	25.7	26.6	28.6	30.4	28.5	26.8	31.8	25.3	87	84	77	78	78	82	------
Mean	56.72	56.61	57.21	55.85	56.19	57.65	24.4	24.2	28.3	29.1	27.3	25.4	30.7	23.3	93.2	93.3	80.1	75.4	83.3	90.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	237.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	SW	N	N	N	SW	------	------	------	------	------	8	Ci.-Cu. NE	Cu.	8	Ci.	Cu.
2	NW	SW	N	Calm	Calm	Calm	------	------	------	------	------	3	Ci. ESE	Cu.	8	Ci.-S.	Cu. SE
3	SW	SW	NE	N	Calm	NW	------	------	------	------	------	7	Ci. NE	Cu.	9	Ci.	S.-Cu.
4	SW	SW	N	Calm	Calm	Calm	------	------	------	------	------	10	Ci.	S.-Cu. NE	10	Ci.	S.-Cu. NE
5	Calm	Calm	Calm	NE	NE	SW	------	------	------	------	------	8	Ci. ENE	Cu.	8	Ci.	Cu. E
6	SW	Calm	NNW	NE	S	Calm	------	------	------	------	------	10	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
7	SW	SW	Calm	Calm	Calm	Calm	------	------	------	------	------	10	Ci.	S.-Cu. ESE	10	Ci.-S.	Fr.-N. SSW
8	SW	Calm	E	S	Calm	Calm	------	------	------	------	------	10	Ci.-S.	S.-Cu. SE	10	Ci.	Cu. SE
9	Calm	Calm	Calm	S	S	SW	------	------	53.7	53.3	------	10	Ci.	Fr.-N. SSE	10	Ci.	S.-Cu. SW
10	SW	SSW	SSW	S	Calm	SW	73	58.5	43.8	44.8	220.1	10	Ci.	------	10	Ci.	S.-Cu. SW
11	W	SW	Calm	Calm	Calm	SW	53.3	37.6	33.2	38.6	162.7	9	Ci.	S.	10	Ci.-S.	S.-Cu.
12	SW	Calm	SW	WSW	SW	S	44.6	34.3	53.6	50.4	182.9	10	Ci.-S.	N. N	10	Ci.-S.	Fr.-N. W
13	S	SW	SW	SW	S	SW	62	56.8	75.4	------	------	10	Ci.-S.	Fr.-N. WSW	9	Ci.-S.	S.-Cu. SW
14	SW	SW	SSE	S	Calm	SW	------	47.3	50.5	38.1	------	9	Ci.	S.-Cu. SSE	10	Ci.	Cu. SSE
15	Calm	SW	ENE	NNW	NNW	SW	43.7	40.2	73.8	69.4	227.1	10	Ci.	S.-Cu. SSE	9	Ci.	Cu.
16	SW	SW	NWbyN	NNW	SW	Calm	66.5	65.8	93.5	53.6	279.4	7	Ci.	S.-Cu. N	5	Ci. NE	Cu. N
17	W	Calm	E	N	E	SW	30	33.2	88.7	42.3	194.2	10	Ci.-S.	S.-Cu. NW	9	Ci.	Cu. N
18	SW	Calm	S	E	Calm	SW	48.9	50.4	39.4	38.6	177.3	8	Ci. E	S. SE	10	Ci.	S.-Cu. SE
19	SW	Calm	E	SbyW	SSW	SW	------	37.3	43.3	30.6	------	10	Ci.-S.	S.-Cu. SW	10	Ci.-Cu. SE	Cu. SSW
20	SW	SW	Calm	SW	S	SW	43.7	34.6	65.4	37.8	181.5	10	Ci.	S.	10	Ci.	S.-Cu. W
21	SW	SW	SW	Calm	N	SW	44.9	38.4	45.7	51.5	180.5	10	Ci.-S.	Cu. N	10	Ci.	Cu. N
22	SW	SW	Calm	Calm	Calm	Calm	43.7	11	6.6	14.8	76.1	10	Ci.	S.-Cu. N	9	A.-Cu. E	S.-Cu. SSE
23	Calm	Calm	Calm	NWbyN	Calm	Calm	16.1	11.9	22	14.5	64.5	9	Ci. ENE	Cu.	10	Ci.	S.-Cu.
24	SW	Calm	Calm	NWbyN	Calm	SW	24.1	27.2	41.6	27.7	120.6	10	Ci.	S.-Cu. SE	10	Ci. E	Cu. N
25	Calm	Calm	Calm	Calm	Calm	SW	29.6	19.3	27.1	23.8	99.8	10	Ci.	S.-Cu. SW	10	Ci.	S.-Cu. WSW
26	Calm	Calm	WSW	SSW	Calm	SW	19.3	36.5	49.6	40.5	145.9	10	Ci.-S.	S.-Cu. WSW	10	A.-Cu. WSW	S.-Cu. SW
27	Calm	WSW	Calm	S	Calm	SW	37.2	43.3	38.4	77.9	196.8	10	Ci.	S.-Cu. SW	10	Ci.	S.-Cu. SW
28	SW	S	SSW	WSW	SW	SW	66.5	64.2	70.6	67.6	268.9	10	Ci.-S.	S.-Cu. SSW	10	Ci.-S.	S.-Cu. SW
29	WSW	SSW	SW	SW	SW	WSW	100	124.7	135.7	140.5	500.9	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	Fr.-Cu. SW
30	SW	SW	SW	SWbyW	SW	SW	117.7	133.9	132.2	86.9	470.7	10	Ci.-S.	S.-Cu. WSW	10	A.-Cu. W	S.-Cu. W
31	SW	SW	WSW	N	W	WSW	49.9	93	61.4?	106.4	310.7?	10	Ci.	S.-Cu. SWbyW	10	Ci.	S.-Cu. W
Mean	------	------	------	------	------	------	50.7	50	58.5	52.3	213.7	9.3	------	------	9.5	------	------

Beginning with July 10 the height of the barometer above sea level is 4 meters.

ATIMONAN.

[φ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4 meters; gravity correction nct applied, —1.74 mm.]

AUGUST, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.									Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.07	56.94	57.27	55.89	56.01	57.53	25.8	26.4	30.6	31.9	29.9	27.1	32.7	25.5	85	85	68	67	67	76	------
2	56.83	56.08	56.39	55.40	55.57	57	27.1	26.5	30.5	31.6	28.8	26.5	32.4	26	81	85	69	65	69	84	------
3	56.37	56.19	56.37	55.35	55.63	57.16	26	25.7	30.5	33	28.1	25.8	33.6	24.6	85	84	68	58	77	88	5.1
4	57.10	56.81	56.99	55.11	55.87	57.50	24.7	24.5	30.7	31.9	28.1	25.7	32.6	23.7	91	92	65	62	76	86	------
5	57.15	57.05	57.56	55.99	56.63	58.11	25	25.1	29.5	32	28.4	26.9	32.7	24.2	88	91	73	63	72	77	------
6	57.52	57.25	57.65	56.79	57.19	58.84	26.1	26.4	30.7	32.5	29.4	26.9	33.2	24.4	80	84	62	57	69	82	------
7	57.95	57.61	58.23	56.40	56.78	59.06	24.2	24.5	30.9	32.7	29.5	25.9	33.6	24	93	89	60	60	68	89	------
8	58.37	58.36	58.69	56.75	56.96	58.81	24	23.6	30.9	32.3	28.9	26.2	33	22.9	91	88	62	62	74	90	------
9	57.95	58.32	59.06	57.70	58.46	59.82	24.5	24.5	30.6	32.2	29.9	25.6	33.2	23.5	92	94	65	58	71	84	------
10	58.85	58.77	58.83	57.24	57.73	59.64	25.1	24.9	30.9	32.5	30.2	26.2	33.2	24.1	87	85	64	59	64	85	------
11	58.38	58.55	58.46	56.66	56.82	58.44	26.9	25.2	31.3	32.8	30.6	26.6	34	25	74	84	63	60	72	79	------
12	57.59	57.60	58.12	55.70	56.33	57.96	25.3	24.9	31.9	33.4	29.8	26.4	34.1	24.3	84	87	58	60	71	92	------
13	58.06	58.13	59.21	57.07	57.81	59.69	24.6	23.5	32.3	34.1	30	26	34.9	23.2	90	91	62	57	64	88	------
14	58.95	59	59.15	57.63	58.18	59.95	24.7	24	32	34.6	27.9	25.6	36	23.7	93	93	70	58	84	92	.3
15	59.36	58.41	58.74	57.52	56.88	58.47	25.3	24.9	29.6	25.2	27.2	25.7	33.1	24.3	91	92	70	79	78	90	18.8
16	57.05	57.05	57.27	56.30	55.56	57.06	24.8	25.4	30.4	28.1	29.3	26.4	33.2	24.4	92	89	66	80	69	85	.3
17	56.92	56.57	57.19	55.83	56.52	58.20	25.4	24.1	31.8	30.5	25.5	26.6	32.5	23.9	87	91	67	69	96	84	15.5
18	57.96	57.53	58.56	57.15	57.95	59.81	24.8	23.9	30.9	31.2	26.1	24.8	34.1	23.4	93	95	72	66	85	91	1
19	59.57	58.57	59.29	57.98	57.80	59.89	24.1	23.8	30.3	31.5	27.8	25.3	32.5	23.3	94	92	69	62	82	90	1.8
20	59.55	58.52	59	56.84	56.99	58.97	24.7	24.4	29.1	32	29.2	25.8	33.5	24.1	94	96	83	63	70	86	------
21	58.38	58.17	58.88	57.18	57.97	59.22	24.4	24.1	28.9	30	29	28.4	31.9	23.8	96	95	81	74	80	85	2.3
22	58.85	59.27	58.64	57.47	58.11	59.61	27.4	24.4	30.5	31.3	28.1	25.5	33.5	24	85	96	78	70	81	92	------
23	58.75	58.40	59.19	57.31	57.63	58.91	24.7	24.5	31.5	31.2	29.8	28.6	33.5	24	94	94	74	68	76	80	------
24	58.32	58.57	59.19	57.62	57.49	58.97	27.3	24.2	31.3	30.9	29.5	28.6	32.7	23.8	79	94	64	72	77	80	------
25	58.03	58.11	58.51	56.77	57.11	58.52	28	26.2	30.8	30.6	29.4	28.7	33.4	25.7	81	88	74	73	76	80	------
26	57.90	57.91	58.06	56.31	56.83	58.18	25.5	24.9	29.1	30.5	29.1	28	31.5	24	93	93	77	72	74	82	------
27	58	58.36	58.93	56.85	57.19	58.96	25.4	25.4	31.7	31.1	28.2	26.5	32.7	24.8	92	93	73	70	80	88	1.8
28	58.90	58.82	58.98	56.96	56.64	58.93	25.1	23.9	30.4	30.8	29.4	28.6	32.2	23.5	88	95	76	73	79	77	------
29	57.96	57.95	58.42	56.96	56.95	58.62	27	25.2	30.5	28.6	28.9	28.6	31.6	24.9	88	95	77	73	79	83	1.5
30	57.78	57.36	58.69	56.88	57.04	58.14	28.2	25.6	29.3	30.9	29.1	28.2	30.9	25.1	85	91	76	70	78	86	1.8
31	57.45	57.71	58.47	57.21	57.45	58.89	25.7	25	28.7	28.6	27.9	28	30.5	24.5	93	96	77	79	82	85	3.6
Mean	58.03	57.87	58.32	56.74	57.03	58.67	25.5	24.8	30.6	31.3	28.8	26.8	33	24.2	88.4	90.9	69.8	66.4	75.5	85	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	53.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	SW	SW	SW	WSW	------	117.5	80.5	35.9	------	8	A.-Cu. W	S.-Cu. SW	8	Ci.	Cu. W
2	SW	SW	SW	WSW	W	WSW	58.9	70	88.5	48.3	265.7	6	Ci. E	Fr.-Cu. W	9	Ci.	Cu. W
3	SW	SW	SW	SSW	SW	Calm	35.2	65.7	70.6	37.8	209.3	4	Ci. E	Fr.-Cu. E	7	Ci. E	Cu. W
4	SW	SW	WSW	SW	WSW	SW	49.4	70.3	90.7	48.9	259.3	6	Ci. NE	Cu.	4	Ci.	Cu. SW
5	SW	Calm	SSW	SSW	SSW	SW	33.2	63.9	73.2	53.7	224	10	Ci.	S.-Cu.	7	Ci.	Cu. SW
6	WSW	SW	WSW	WSW	SW	W	54.9	------	------	------	------	4	Ci.	Cu.	4	Ci. E	Cu. W
7	SW	SW	SW	SW	SW	SW	------	------	86.7	58.1?	------	0	Ci.	------	3	Ci.	Cu. W
8	SW	SW	SW	Calm	SW	SW	54.1	------	------	52.8	------	8	Ci.	------	10	Ci.	Cu. WSW
9	SW	SW	SW	WSW	Calm	SW	46.9	87.9	53.7	50.4	238.9	2	Ci.	------	9	Ci.	Cu. W
10	SW	WSW	SW	SW	SW	SW	55	66.8	72.7	47.3	241.8	10	Ci.	S.-Cu.	8	Ci. E	Cu. W
11	SW	Calm	SW	SSW	Calm	SW	46.2	63.9	59.3	49.4	218.8	8	Ci. E	S.	5	Ci.	Cu. W
12	SW	SW	SW	SW	Calm	SW	54.1	71	60	40	225.1	9	Ci.	------	8	Ci.	Cu. W
13	SW	SW	Calm	SSW	SW	SW	65.4	47.2	------	58.4	------	9	Ci. E	------	3	Ci.	Cu. SW
14	SW	SW	E	E	Calm	SW	63.9	44.1	42.3	35.9	186.2	3	Ci.	------	8	A.-Cu. SE	Cu.-N. S
15	SW	SW	SW	SW	SW	SW	48	82.3	74	61.2	265.5	9	Ci.	S.-Cu. W	8	A.-Cu. E	N. SW
16	W	SW	SW	Calm	SW	SW	50.1	73.4	34.8	70.8	229.1	3	Ci.	Cu. W	9	Ci.	Cu. W
17	SW	SW	E	SSW	SW	SW	44.5	39.6	63	77.4	224.5	7	Ci. ENE	Cu.	9	Ci.	Cu. W
18	SW	SW	E	W	SW	SW	60.7	41.8	56	50.4	208.9	6	Ci. ENE	Cu.	9	Ci.	Cu.-N. W
19	SW	SW	SW	SW	Calm	SW	43.5	32.2	45.7	------	------	9	Ci.	Cu.	10	Ci.	Cu. W
20	SW	SW	E	Calm	SSW	SW	43.8	35.9	41.6	50.1	171.4	6	Ci.-Cu. SW	Cu.	7	Ci.	Cu. SE
21	SW	SW	NW	NNW	NNE	NE	66.3	56.3	77.5	67.8	267.9	7	A.-Cu. E	S.-Cu. NE	8	Ci.	Cu.
22	NE	WSW	N	NNW	Calm	SW	52.5	33	71.1	46.2	202.8	1	Ci.	Cu.	4	Ci.	Cu. EbyN
23	SW	Calm	E	N	NNE	NE	34.6	25.7	107.5	91.1	258.9	6	Ci.	Cu. E	7	Ci. E	Cu. NE
24	ENE	SW	Calm	NNW	N	E	46.4	30.1	118.9	103.3	298.7	2	Ci. S	Cu. NE	4	Ci.	Cu. N
25	NE	Calm	N	NW	NE	E	47.2	49.6	99.3	56	252.1	6	Ci.	Cu. NE	6	Ci.	Cu. NE
26	SW	SW	NNW	NNW	ESE	Calm	54.4	90.9	93.9	30.1	269.3	9	Ci.	S.-Cu. NE	4	Ci.	Cu. N
27	SW	SW	NNE	NNW	SE	SW	51.8	43.7	85.5	43.8	224.8	9	Ci.	Cu.	5	Ci. NE	Cu. E
28	SW	SW	N	NNW	NNE	NNE	59.7	49.9	110.7	102.5	322.8	6	Ci. ENE	Cu.	8	Ci.	Cu. NE
29	W	SW	NNW	NW	N	N	36.5	65.7	84.3	85.5	272	7	Ci.	Cu. ENE	9	A.-Cu. E	Cu. E
30	NE	SW	NW	N	NNE	E	47	78.4	95.8	54.5	275.7	4	Ci.	S.-Cu. NE	8	Ci. E	Cu. NE
31	SW	SW	NNW	N	N	N	40.2	97.2	132.3	83.9	353.6	7	Ci.	S.-Cu. N	10	Ci.	Cu. NE
Mean	------	------	------	------	------	------	49.8	60.5	77.5	58.3	246.7	6.2	------	------	7	------	------

ATIMONAN.

[ϕ=14° 00′ N ; λ=121° 55′ E ; barometer above sea, 4 meters ; gravity correction not applied, —1.74 mm.]

SEPTEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.98	58.02	58.41	56.52	57.04	58.82	26.5	24.6	29.3	31	29.5	29	31.5	24.3	90	95	79	71	76	81	------
2	58.16	58.40	58.89	57.27	57.27	58.55	26.9	25.2	29.5	30.7	29.3	28.4	31.4	24.7	83	92	77	72	77	84	7.6
3	57.95	58.54	58.59	56.94	57.22	59.04	27.4	24.5	29.9	29.1	28.6	25.7	31.9	24.2	84	93	67	76	77	88	3.5
4	58.66	58.31	58.23	55.99	56.07	57.99	24.5	25	28.4	29.8	28.4	25.5	31.8	24.3	95	94	85	73	81	93	13.5
5	57.11	57.31	57.88	55.27	56.31	57.21	24.1	24	26.8	27.5	25.2	24.3	28.4	23.5	93	95	85	77	98	97	19.3
6	56.30	56.29	57.39	54.85	54.87	56.06	24	23.2	25.5	28.3	28.1	24.6	31	22.9	96	97	88	79	82	92	5.6
7	55.91	55.47	56.05	53.96	54.41	56.40	24.4	24.2	28.5	30.6	28.4	26.2	32	23	94	95	77	62	75	86	1
8	55.39	55.15	56.22	54.27	55.19	56.30	25.4	25.5	29.7	31.6	25.1	25.4	32.2	24.9	86	83	64	59	83	85	3.3
9	55.02	55.25	56.39	54.51	55.91	57.09	26	25.8	30.5	31.5	29.3	26	33.5	24.9	79	74	61	62	66	79	1.5
10	57.01	56.96	57.83	55.71	56.86	57.99	24	24.3	30.2	31.5	29.2	25.4	33.7	23.3	92	91	66	60	69	88	------
11	57.72	56.24	57.69	55.48	55.54	57.34	25.1	25.4	30	30.9	27.6	26.1	32	24.9	90	84	64	59	69	76	------
12	56.75	56.46	56.57	54.48	55.23	55.54	24	23.4	30	31	28	25.5	32	23.1	89	91	61	65	74	89	------
13	55.40	55.53	56.49	54.28	54.42	55.93	24.5	24.3	30.9	32.9	29.3	26.5	35.1	23.9	92	94	62	56	76	88	------
14	55.21	54.82	54.88	53.28	53.20	54.92	25.8	24.5	31.2	32	29	27.7	33.5	24.3	90	94	67	52	74	73	------
15	54.07	53.99	55.44	53.30	54.18	55.58	26.9	27.1	31	31.9	29.5	27	32.4	25.9	75	76	62	61	68	78	------
16	55.06	55.38	56.53	55.79	55.72	57.14	26.9	26.1	28	27.1	26.1	24.3	28.6	24.1	75	77	77	84	82	92	.5
17	56.56	55.31	56.29	54.31	54.51	55.72	25.1	24.9	26.9	29.8	25	24	32.5	23.6	83	80	76	62	88	88	9.8
18	55.37	54.89	55.20	53.97	54.07	55.74	24.3	24.6	27	26	25.2	25	27.2	23.6	88	82	74	87	85	85	3.8
19	54.91	54.39	55.54	54.41	55.09	56.06	24.2	24.3	28.1	28	25	24.4	30.8	23.8	90	89	75	77	88	91	.5
20	56.01	56.45	56.90	55.74	56.60	57.32	24.9	24.5	27.9	29	27	26	29.7	24	82	85	77	68	76	88	------
21	56.83	57	58.02	53.61	57.58	59.25	27	25.2	29.4	31.7	28.8	25.6	32.4	24.9	76	86	72	63	73	91	------
22	58.45	59.17	59.88	58.06	58.19	60.04	24.6	23.8	30.9	32.4	29.4	26.4	33.9	23.5	94	97	76	68	75	89	------
23	59.67	59.63	60.27	58.42	59.07	59.46	25.1	24.5	29	28.6	28.6	28.2	31.3	24.2	95	96	82	80	80	83	25.4
24	58.02	58.40	59.20	57.10	57.14	58.76	26	25.7	26.8	27.4	26.6	24.4	28.2	23.6	93	88	92	84	94	89	29.2
25	58.31	57.49	57.93	56.01	56.69	58.37	23.6	23.5	28.4	29.4	27.4	25.6	30.6	23.1	95	95	75	71	85	88	------
26	58	57.60	59.22	57.48	58.17	60.72	25	25.9	29.5	30.9	27.6	26	32.9	24.3	92	84	77	64	82	88	------
27	60.69	60.86	61.54	59.31	60.32	62.23	25	24.3	29.9	31.6	27.4	25.5	33	24	92	94	73	65	87	95	------
28	61.20	60.62	61.33	58.63	59.66	60.07	23.9	22.9	28.4	30.4	28.9	25.7	31.1	22.5	91	96	80	69	76	91	1.3
29	58.41	58.31	58.74	56.70	57.08	58.56	24.6	24.5	28.5	28.3	28.6	25.5	29.2	24.3	94	95	81	80	80	88	16.5
30	57.16	57.16	58.05	57.26	57.11	58.14	27.3	27.5	29.0	26.8	27.1	27.1	30.4	23.3	89	87	78	89	87	88	8.6
Mean	57.11	56.98	57.72	55.86	56.36	57.78	25.2	24.8	29.0	29.9	27.8	25.9	31.5	24	88.6	89.3	74.3	69.8	79.4	87	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	151

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	SW	NNW	NNW	N	E	43.5	74	111.6	85.3	314.4	4	Ci.	S.-Cu. E	7	Ci.	Cu. N
2	Calm	SW	N	NNW	NE	N	44.8	56.9	92.8	82.7	277.2	10	Ci.-S.	S.	9	Ci.-Cu. E	Cu. E
3	ENE	SW	NNE	NNW	NE	W	47	38	85.5	51.3	221.8	10	Ci.-S.	S.-Cu. E	10	A.-Cu. E	Cu. E
4	SW	N	N	NNW	N	SW	38.4	75.1	103.2	59.5	276.2	10	Ci.-S.	Fr.-N. NE	9	Ci.	Cu. N
5	SW	SW	Calm	NNW	SW	SW	60.7	-----	-----	47.3	-------	10	Ci.-S.	N. NE	10	Ci.-S.	S.-Cu. NE
6	SW	SW	SW	E	Calm	SW	59.5	54.4	24.1	45.6	183.6	8	Ci. ENE	Cu.	9	Ci. E	S.-Cu.
7	SW	SW	SWbyW	SW	WSW	S	49.6	55.7	77	34.8	217.1	8	Ci. E	Cu.	7	A.-Cu. S	Cu. S
8	WSW	WSW	SW	S	SSW	SW	57.1	63.1	65.4	72.4	258	10	Ci. ENE	S.	10	Ci.-S.	Cu. SW
9	SW	SW	SW	SSW	Calm	SW	66.8	49.9	61.7	48.8	227.2	7	Ci.	Fr.-Cu. SW	9	Ci.-S.	Cu. W
10	SW	Calm	SW	SW	SW	SW	51.5	60.4	63.6	41.5	217	9	Ci.	S.-Cu. W	9	Ci.-Cu. W	Cu. W
11	SW	WSW	SW	WSW	SW	SW	64.9	107.6	106.5	65.5	344.5	10	Ci.-S.	S.-Cu. W	9	Ci.	Cu. W
12	SW	SW	SW	S	SSW	SW	42.4	67.9	61.2	41.6	213.1	10	Ci.-S.	S.	9	Ci.	Cu. SW
13	SW	SW	SSW	S	S	SW	43.5	61.8	66.3	34.1	205.7	7	Ci.	S.-Cu. S	7	Ci.	Cu. SSW
14	SW	SW	W	S	SW	SW	-----	56.8	94.1	53.9	-------	3	Ci.	------------	2	Ci.	Cu. SW
15	SW	SW	SSW	SW	SW	SW	50.7	92.5	73.2	52.8	269.2	10	Ci.-S.	------------	9	Ci.	Cu. SW
16	WSW	WSW	NNW	Calm	SW	SW	37.6	50.9	37.2	42.3	168	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu. NWbyW
17	W	SW	SW	W	SW	W	63.9	-----	61.2	94.4	-------	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	Fr.-Cu. W
18	SW	WSW	SSW	SSW	SSW	Calm	93.9	82.9	73.7	46.9	297.4	10	Ci.-S.	S.-Cu. WbyS	10	Ci.-S.	S.-Cu. WSW
19	SW	SW	W	SW	Calm	SW	50.9?	66.6	59.5	35.6	212.6	10	Ci.-S.	S.	10	Ci.-S.	S.-Cu. SW
20	SW	SW	SW	SW	SW	SW	73.5	66.3	66.6	45.9	252.3	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	S.-Cu. SW
21	SSW	SW	SW	SSE	SSE	SW	43.8	44	61.2	49.9	198.9	10	Ci.-Cu.	S.-Cu. SW	9	Ci.	Cu. SbyW
22	SW	SW	SW	NE	Calm	SW	50.5	44.6	43.1	35.4	173.6	9	Ci.	S.-Cu. SW	9	Ci. NE	Cu.-N.
23	SW	SW	NNW	NNW	NNE	NNE	50.1	71.3	97.2	97.7	316.3	8	Ci.-Cu. ENE	S.-Cu. N	10	Ci.-S.	Fr.-N. N
24	NW	NNW	NNW	N	NW	SW	105.9	156.7	79.4	64.7	406.7	10	Ci.-S.	N. N	10	Ci.-S.	N. N
25	SW	SW	S	SW	Calm	SW	54.9	42.6	39.1	35.2	171.8	10	A.-Cu. S	S.-Cu.	10	A.-Cu. SSE	S.-Cu. SEbyS
26	SW	S	SSE	SW	S	Calm	37.3	37.3	48.3	27.7	150.6?	9	A.-Cu. SE	S.-Cu. S	9	Ci. WNW	Cu. S
27	SW	SW	ENE	Calm	SW	SW	35.1	36.5	31.2	60.9	163.7	9	Ci.	S.-Cu.	7	Ci. W	Cu.
28	SW	SW	NWbyN	NWbyN	NNW	SW	48.5	61.2	60.4	37.2	207.3	8	Ci.	S.-Cu. NE	4	Ci.	Cu.
29	Calm	Calm	NNW	NNW	NNW	Calm	27.4	87.7	114	60.7	289.8	9	Ci.	S.-Cu. NE	10	Ci.-S.	N. N
30	NWbyN	NNW	NNE	NWbyN	NNW	N	117	114.6	108.8	92.8	433.2	9	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NNE
Mean	------	------	------	------	------	------	55.5	67	71.3	54.8	246.9	8.9	------------	------------	8.8	------------	------------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4 meters; gravity correction not applied, —1.74 mm.]

OCTOBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.85	57.52	58.75	56.63	57.30	58.39	26.9	25.5	27.5	29	28.2	25.7	29.7	24	88	91	76	81	82	91	20.5
2	57.87	57.44	56.83	54.90	56.25	57.13	24.1	23.6	30	31	27.4	26.8	31.9	23.4	97	97	65	62	85	83	1.3
3	56.39	55.59	56.16	54.28	55.38	56.54	26	26	30	30.5	28.4	27	32.4	25.5	85	84	66	65	75	80	------
4	55.23	55.23	55.88	53.58	54.53	56.02	25.7	24.6	29.3	31.4	27.4	26	32.2	23.8	86	92	70	66	84	84	------
5	54.95	55.16	55.59	53.59	54.22	55.19	25.5	24.5	29.5	29.2	27	26.6	31.5	24	84	92	72	76	80	83	.8
6	54.25	54.51	55.63	54.62	55.86	57.16	26.5	26.2	28.9	28.3	25.9	25	31.9	24.6	82	82	71	85	90	96	18.6
7	56.51	56.83	57.62	56.16	57.82	59.39	24.3	23.8	31.2	28.1	26.1	25.3	32.2	23.4	93	94	69	82	91	96	2.8
8	58.30	58.18	59.25	57.07	58.08	58.96	24.6	23.9	30.1	29	28.3	24.6	32.5	23.7	96	97	74	78	79	95	.5
9	58.82	58.66	59.32	57.72	58.20	59.73	24.3	24.1	30.2	25.5	24.6	23.5	31.7	23.4	96	98	74	83	94	97	25.4
10	58.47	58.53	59.03	56.71	56.88	57.99	23.3	23.4	28.3	29.9	28.5	27.2	30.7	23	97	97	82	73	81	83	41.9
11	57.20	57.82	58.44	56.73	57.64	59.35	27.1	25.5	28	29	27.5	25.2	30.4	24.4	91	96	88	84	87	96	.3
12	59.02	59.34	59.91	57.99	58.53	60.03	24	23.3	30	31	28.5	27.6	32.3	23.1	97	98	78	71	81	84	.5
13	59.20	59.53	60.03	57.95	58.03	59.50	27.3	27.3	31.6	31.3	28.5	26.5	32.7	25.2	87	87	72	70	80	87	7.1
14	58.93	58.80	59.39	56.98	56.97	57.99	27	27.6	30	30.7	28.3	28	31.5	25.1	84	79	71	68	81	82	.3
15	57.02	56.90	57.94	55.77	56.08	56.99	27.8	27.5	28.2	29.5	28.4	28	30.5	26.5	82	84	83	72	79	81	2.8
16	55.58	55.38	55.49	53.40	52.83	52.74	27.8	25	29.9	30.8	28.8	26.5	31.9	24.8	83	94	73	74	80	82	------
17	51.41	49.52	50.63	48.83	48.80	50.69	27.5	27.7	29.1	28.3	28	27.5	29.4	26.2	81	76	75	80	74	73	------
18	50	51.26	53.32	52.02	53.44	54.99	28	28	30.2	29.9	27.6	25.9	32	25.2	69	69	70	71	83	88	------
19	54.55	54.94	56.37	54.47	55.81	57.09	26	26.3	30.5	31.4	28.6	26	33.5	25.2	86	84	68	62	80	93	------
20	57.01	57.71	58.46	56.28	57.76	59.44	24.9	24.8	31.5	29.6	28.6	25.9	32.9	24.1	95	93	69	73	82	93	------
21	59.25	59.76	59.74	57.88	58.82	59.71	24.8	24.5	30.2	30.5	29	27.9	32	23.8	98	96	77	75	81	84	------
22	58.98	59.35	59.63	57.42	57.91	58.89	27.5	27.7	29.7	30.4	28.7	28.2	31.5	27.2	84	83	75	71	80	81	2.5
23	57.67	56.54	57.06	54.59	51.87	49.91	27.5	26.5	26.6	25	25.2	24.4	28.2	23.6	82	88	91	92	87	90	188.8
24	48.95	52.84	56.40	55.12	56.78	58.64	24.1	24.6	27.7	30.4	27.2	26.7	30.8	23.6	96	91	86	72	85	89	8.1
25	58.19	59.10	59.64	58.09	58.67	60.21	26	24.8	29.1	28	28.4	25.5	32.3	24.6	85	93	81	85	85	94	10.9
26	59.47	59.62	60.19	58.06	58.89	60.12	24.2	26	29.9	29.7	28.1	27.8	31.5	23.8	98	92	79	79	84	85	------
27	59.23	59.14	59.59	57.49	57.84	59.67	27.4	27.2	29.4	29.3	27.7	27.6	30.3	26.8	88	87	79	81	86	84	.8
28	58.86	57.86	58.97	56.75	56.98	58.69	27	26.7	29.2	29	27.3	27.4	31.5	26.3	88	90	79	82	88	89	3.8
29	58.02	58.26	59.46	57.08	58.36	59.81	26.9	25	29.4	28.5	23.9	23.9	30.8	23.6	92	96	82	80	94	96	28.7
30	59.17	58.49	59.13	56.96	57.72	59.63	24.1	25.8	29.8	29.8	28	26.9	31.7	23.6	95	89	76	79	84	86	.8
31	58.81	58.83	59.97	58.06	58.79	60.78	24.5	23.5	30.5	30.2	28.2	26.9	32.5	23.1	91	96	72	75	80	80	------
Mean	56.94	57.05	57.87	55.91	56.55	57.79	25.9	25.5	29.5	29.5	27.6	26.4	31.5	24.5	88.9	89.8	75.6	75.7	83.3	87.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	367.2

Day.	Wind.											Clouds.					
	Direction,						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	Calm	ENE	N	NbyE	Calm	76.4	57.6?	80.3	39.2	253.5?	9	Ci.	N. NE	8	A.-Cu. NE	N. NE
2	SW	swbys	SSW	SW	SW	SW	60	63.3	84.5	65.4	273.2	5	Ci. E	Cu.	8	A.-Cu. W	S.-Cu. W
3	SW	SSW	SW	SW	SW	SW	60.9	98.7	88	65.2	312.8	10	Ci. E	Cu.	9	A.-Cu.SWbyW	Cu.-N. W
4	SW	Calm	SW	SSW	Calm	Calm	41.6	56.9	57.1	19.3	174.9	9	Ci. EbyS	S.	10	Ci.	Cu.-N.
5	Calm	Calm	SW	Calm	SW	SW	27.6	41.5	62.2	63.1	194.4	10	Ci.-Cu. WbyN	S.-Cu. W	10	Ci.-S.	S.-Cu. W
6	SW	SW	WSW	Calm	Calm	Calm	68.7	------	29.3	15.9	------	10	A.-Cu. W	S.-Cu. W	10	Ci.	N. SW
7	Calm	SW	NE	NW	Calm	Calm	21.5	37.6	42.3	15.6	117	10	A.-Cu. E	S.-Cu. S	9	Ci.	Cu.-N.SW
8	Calm	Calm	Calm	NWbyN	Calm	Calm	13.1	23.9	30.1	29	96.1	10	Ci. ENE	S.	9	Ci.	Cu. SW
9	SW	SW	NNW	SW	Calm	SW	34.1	42.3	------	31.9	------	10	Ci.	S.-Cu. NW	10	Ci.-S.	N. NNW
10	SW	SW	N	N	N	N	34.8	93.9	137.6	96.3	362.6	10	Ci.	Fr.-N. NNE	7	Ci.	Cu. NE
11	N	N	NEbyN	NEbyN	SE	SW	76.9	83.9	50.7	22.5	234	10	Ci.-S.	S.-Cu. NE	9	Ci.	S.-Cu. NE
12	SW	SW	NNE	NNE	NE	NE	33.2	60.2	138.7	69.2	304.3	1	Ci.	S.-Cu. NE	4	Ci.-Cu. NE	Cu. NE
13	N	NE	NE	N	NE	NE	49.6	76.9	118.9	78.3	323.7	7	Ci.	S.-Cu. NE	5	A.-Cu. NE	Cu. NE
14	NE	N	N	N	N	N	81.6	118.5	103.6	81.9	385.6	7	Ci. ENE	S.-Cu. NE	4	A.-Cu. NE	Cu. NE
15	N	N	NNE	N	N	N	75.4	103.5	128.9	120.2	428	9	A.-Cu. NE	S.-Cu. NE	8	Ci.	S.-Cu. NE
16	N	SW	NNW	Calm	Calm	SW	56	70	27.6	36.4	190	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	Cu. NNW
17	WSW	WSW	WSW	WSW	WSW	SW	------	------	------	------	------	10	Ci.-S.	S.	10	Ci.-S.	S.-Cu. SW
18	SW	SSW	SSW	SSW	Calm	Calm	116.9	98.4	71.4	21.5	308.2	10	Ci.-S.	S. SW	10	Ci.-S.	S.-Cu. SW
19	SSW	Calm	SWbyS	S	Calm	Calm	29.3	43.7	41.3	8	122.8	9	Ci.	S.-Cu. S	9	Ci.	S.-Cu. SbyW
20	Calm	Calm	Calm	Calm	Calm	Calm	11.8	13.4	17.9	4.8	47.9	4	Ci.	S.-Cu.	7	Ci.	Cu.-N.
21	Calm	Calm	Calm	N	N	NE	15.3	22.3	48	45.1	130.7	6	Ci.	S.-Cu. NE	4	Ci.	Cu. NNE
22	NE	NbyE	N	N	N	N	------	48.9	76.1	62	------	5	Ci.	S.-Cu. N	5	Ci. E	Cu. N
23	NW	NW	NWbyN	NW	W	WSW	48.6	63.3	86.3	154	352.2	10	Ci.	N. NNE	10	Ci.-S.	N. N
24	SSW	S	S	S	SSE	SE	------	------	------	------	------	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	S.-Cu. SbyE
25	Calm	Calm	E	SW	NNE	SW	19.9	30.6	52.1	31.9	134.5	10	A.-Cu. E	S.-Cu. SE	6	A.-Cu. SEbyS	Cu. SE
26	SW	NE	NE	NNE	NE	NE	43	74.6	111.5	97.2	326.3	1	Ci.	Cu.	7	Ci.	S.-Cu. NE
27	NE	NE	NE	NE	NE	NE	88	126.1	132.3	99.6	446	8	Ci.	S.-Cu. NE	10	Ci.	S.-Cu. NE
28	NE	NbyE	NE	NNE	NE	ENE	95.6	109.1	108.4	63.6	376.7	10	A.-Cu.	S.-Cu. ENE	10	Ci.	S.-Cu. NE
29	Calm	N	Calm	Calm	SW	SW	27.2	24.1	29.3	38.8?	119.4?	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu. SE
30	Calm	ENE	E	NE	NE	ENE	26.2	54.7	79.7	65.7	226.3	10	Ci.-Cu. SSE	S.-Cu. E	9	A.-Cu.	S.-Cu. ENE
31	Calm	Calm	Calm	NE	NE	ENE	14.3	29.3	82.4	56.8	182.8	6	Ci. NE	Fr.-Cu. NE	6	Ci.	Cu. ENE
Mean	------	------	------	------	------	------	48.2	63.1	75.6	55.1	247.1	8.3	------	------	8.2	------	------

ATIMONAN.

[φ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4 meters; gravity correction not applied, —1.74 mm.]

NOVEMBER, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.60	59.76	60.44	58.12	58.78	59.87	24.3	24	29.5	29	27.5	27	31.3	23	93	92	74	74	84	84	8.4
2	59.11	59.41	60.12	58.02	58.35	59.58	26.8	25.7	29.3	29.5	27.8	26.6	31	25.2	85	90	74	77	79	86	19.5
3	58.20	59.10	59.90	57.19	57.87	58.54	24.6	25	26.6	28.6	27	27	29	23.5	95	92	87	80	85	90	37.1
4	57.69	58.32	58.88	56.69	57.54	58.58	26	25.8	28.1	29.8	27.9	27.6	30.3	24.9	92	89	84	78	78	80	1.3
5	57.01	57.63	58.48	56.61	57.32	58.27	26.9	27.1	28.7	29.2	26	27.5	29.9	24.8	83	83	75	72	85	84	15.5
6	57.06	56.92	57.46	54.92	55.06	55.80	26.9	26.2	26.2	25.3	26.7	25.2	28.2	24	85	87	90	96	84	90	27.1
7	53.41	53.92	55.12	53.70	54.90	56.35	26.3	25.5	26.3	25.9	25.6	25.9	26.8	24.9	83	90	84	88	87	91	15.5
8	56.30	56.55	57.27	55.18	56.76	58.01	25.1	25	28.9	30	27.3	24.8	31.7	24.4	91	90	76	68	81	92	.8
9	57.30	58.16	58.95	57.65	58.93	60.33	24.2	23.9	28.7	27	26.8	25.1	31.2	23.7	97	97	80	84	89	95	3.6
10	59.03	59.90	60.74	58.62	59.10	60.93	24	23.9	27.7	28.2	27	26.9	29.2	23.6	98	98	83	79	88	89	------
11	59.91	60.36	61.26	59.34	59.52	60.78	25.9	24.9	29.4	27.9	27.8	27	31	24.5	88	94	76	84	85	87	1.3
12	60	60.30	61.39	59.33	59.93	61.60	26.1	26.1	27.7	29	27.5	25.9	29.8	25	90	89	84	78	80	88	32.8
13	60.30	60.39	60.57	59.48	59.80	60.20	26	24.5	27.9	26.9	26	26.1	29.4	24	88	96	81	83	87	87	4.1
14	59.02	58.12	58.54	55.76	55.02	54.77	26.1	26.4	26.3	24.8	25.4	25	26.9	23.6	86	84	87	93	93	96	91.1
15	52.56	51.96	51.45	49.86	51.98	53.17	25.1	26.1	26.5	26	25	25.7	26.8	24.5	96	92	90	92	92	85	6.4
16	52.67	53.37	54.83	53.38	54.66	56.02	25.6	25.6	29.5	29.8	26.5	26	30.7	25.1	84	83	74	72	83	85	------
17	54.71	55.29	56.12	54.39	55.54	56.72	25.5	25.8	28.5	28.6	27	26	31	25.1	88	86	77	75	80	87	------
18	55.49	56.18	56.69	55.27	56.08	57.20	26	25	28.6	28.4	26	25.1	30.6	24.2	82	87	76	75	87	94	1
19	56.43	56.66	57.02	55.23	56.29	57.21	23.5	23	28.3	30.9	27	24.7	31.7	22.9	97	99	74	56	84	93	------
20	56.56	57.18	57.57	55.82	57.06	58.25	23.1	22.5	29.4	30.5	27	24.8	31.4	22.3	95	98	79	69	82	93	------
21	57.83	58.22	59.18	57.47	58.35	59.76	23.7	22.9	29	29	27.1	25	30.7	22.6	94	97	85	81	83	94	------
22	58.64	59.13	59.97	57.59	58.65	59.82	23.7	23	29.1	30.6	27.6	24.7	32.4	22.7	96	97	83	79	87	92	------
23	58.83	59.31	59.86	57.51	58.68	59.95	23.5	23.1	29	29.3	28	27.4	30.4	22.9	96	98	80	74	82	86	------
24	59.16	59.28	59.99	58.27	58.76	59.89	26.9	26.8	28	25.7	26.8	26.5	28.9	25.1	87	86	79	90	89	87	29.2
25	59.22	59.80	60.91	59.08	59.42	60.52	26.6	24.7	24.4	26.9	26.4	26.2	27.5	23.4	86	92	92	81	84	85	29.2
26	59.80	59.51	61.05	58.71	60.05	60.35	24.9	25	24.1	24.9	24	25.1	26	23.5	92	91	94	93	91	89	56.4
27	59.68	59.89	60.51	58.70	59.61	60.43	24.2	24.9	25.3	24.7	24.6	25.3	26.4	22.4	95	91	89	92	92	89	21
28	59.70	59.99	60.89	58.88	59.27	60.40	25	24.9	27	24	24.8	25.5	28.4	23.4	92	92	84	96	93	90	26.4
29	59.64	59.93	61.25	59.95	60.04	60.77	25.5	25.4	27	25.7	25.8	25.9	29.1	24.8	88	88	84	90	89	88	7.6
30	60.09	60.37	61.78	60.14	60.83	61.55	25.4	25.8	26.9	27.9	27	26.5	28.3	24.4	96	93	79	71	75	79	.3
Mean	57.83	58.16	58.94	57.03	57.80	58.85	25.2	25	27.7	27.8	26.6	25.9	29.5	23.9	90.6	91.4	81.8	80.7	85.3	88.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	435.6

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.			
												Amount.	Form and direction.		Amount.	Form and direction.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.	
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*			
1	Calm	Calm	N	N	NbyE	NE	24.9	35.4	70.6	64.4	195.3	7	Ci. NE	S.-Cu.	8	Ci.	Cu. NE	
2	NE	ENE	NNE	N	N	NE	49.9	59.8	82.6	77	269.3	8	A.-Cu.	S.-Cu. NE	6	A.-Cu. NE	Cu. NE	
3	Calm	NE	N	NNW	NE	NE	52.5	-----	92.7	76.9	------	9	A.-Cu. NE	N. NE	8	Ci.-Cu. E	Cu. N	
4	N	NW	NNW	NNE	NE	NE	70.5	83.4	105.7	104.3	363.9	7	A.-Cu. ENE	S.-Cu. NE	5	Ci.	Cu. NE	
5	NE	NNE	NEbyN	NEbyN	NE	NE	92.5	97.1	101.7	89.1	380.4	6	Ci.	S.-Cu. NE	7	Ci.	Cu. NE	
6	N	NNE	NNE	ENE	NE	ENE	86.1	103.6	119.4	130.6	439.7	10	Ci.-Cu. E	N. NE	10	Ci.-S.	N. ENE	
7	ENE	ENE	E	SE	SE	SE	117.3	128.2	90.9	43.5	379.9	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. SE	
8	SE	S	SE	S	Calm	SW	55.5	51.2	49.7	29.5	185.9	10	Ci.-Cu. SSE	S.-Cu. SE	9	Ci.-Cu. S	S.-Cu. S	
9	Calm	SW	E	ESE	Calm	Calm	32.4	38.1	48	26.9	145.4	8	Ci. SE	S.-Cu.	10	Ci.-Cu.	N. SE	
10	SW	Calm	NW	NW	NE	NE	34.3	42.4	77.4	61.7	215.8	9	Ci.	S.-Cu. SE	7	Ci.-Cu.	Cu. NE	
11	NW	Calm	Calm	WSW	NE	NE	37.5	31.6	67.4	80.2	216.7	7	A.-Cu. E	S.-Cu.	6	A.-Cu. NE	Cu.-N.	
12	N	NE	NE	NE	NE	NE	85.8	94.8	98.4	99.6	378.6	7	Ci.-Cu. ENE	S.-Cu. NE	8	Ci.-Cu.	Cu. NE	
13	N	N	NNE	N	N	NE	87.9	89.5	92.2	78.7	348.3	10	Ci.-Cu.	N. NNE	10	A.-Cu.	Fr.-N. NE	
14	N	N	NNW	NbyW	NbyW	N	78.7	90.4	111.8	122.1	403	10	Ci.-S.	N. NE	10	Ci.-S.	N. NNE	
15	NNE	NNE	NE	SE	Calm	SE	98.5	102.4	63.9	52.3	317.1	10	Ci.-S.	N. NE	10	Ci.-S.	N. SE	
16	SE	SE	S	SSE	S	S	90.4	91.1	65.4	63.9	310.8	7	Ci.-Cu.	S.-Cu. S	9	A.-Cu. S	Cu. S	
17	S	SSE	SSW	S	S	S	37.3	57.9	72.2	59.2	226.6	9	A.-Cu. SbyE	S.-Cu. S	9	Ci.	S.-Cu. SWbyS	
18	S	Calm	S	SW	Calm	Calm	43	47.5	35.2	13.5	139.2	7	A.-Cu. S	S.-Cu. S	9	Ci.	S.-Cu. SSW	
19	SW	SW	SbyW	SW	Calm	W	-----	31.2	47.5	35.4	------	7	Ci.-Cu. SEbyS	Cu.	6	Ci.	Cu. SW	
20	SW	SW	Calm	SSW	SW	SW	43.9	31.4	39.4	32.5	152.2	1	Ci.	Cu.	6	Ci.	Cu. S	
21	Calm	SW	NE	Calm	SW	Calm	39.9	35.1	26.8	34	135.8	3	Ci.-Cu.	Cu.	8	Ci.	S.-Cu. SE	
22	SW	SW	Calm	E	SE	SW	49.3	31.7	30.1	47	158.1	1	Ci.	Cu.	6	Ci.	Cu.-N. SE	
23	SW	SW	Calm	NW	NNE	NE	56.6	35.2	82.4	71.4	245.6	1	Ci.	Cu.	3	------------	Cu.	
24	NNE	N	NNW	NNW	NE	NE	63.8	81	86.3	132.5	363.6	4	Ci.-Cu.	S.-Cu. NE	9	Ci.	N. NE	
25	NE	NE	NE	NE	NE	NE	140.2	141.4	146.9	-----	------	10	Ci.-Cu.	N. NE	10	A.-Cu.	S.-Cu. NE	
26	NE	NE	NE	N	NE	NNE	142.9	126.9	127.9	129	526.7	10	Ci.	N. NE	10	------------	N. NE	
27	NE	NNE	NNE	NE	N	NE	137.1	129.3	132.3	103.8	502.5	10	Ci.	N. NE	10	------------	N. NE	
28	N	N	NE	E	NW	NE	81.8	100.9	82.1	85.6	350.4	10	Ci.-Cu.	S.-Cu. NE	10	Ci.-S.	N. NEbyE	
29	NNE	NE	NE	NNW	NE	NE	121	130.2	124.4	118	493.6	9	Ci.	S.-Cu. NE	10	Ci.	N. NE	
30	NE	NE	NE	NE	NE	NE	127.9	176	195.2	178.8	677.9	10	Ci.-S.	N. NE	10	A.-Cu. NE	S.-Cu. NE	
Mean	------	------	------	------	------	------	75.3	79.1	85.6	77.3	315.6	7.6	------------	------------	8.3	------------	------------	

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4 meters; gravity correction not applied, —1.74 mm.]

DECEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.30	60.50	61.35	59.53	60.10	60.84	26.1	26.3	27.7	27.6	26.9	26.9	28.6	25.6	75	74	71	73	83	80	7.9
2	59.40	60.25	60.70	58.14	59.07	59.76	25.1	25	26.6	26.4	25.9	25	27.4	24.1	94	95	84	86	88	91	48
3	58.41	58.86	59.95	57.91	58.47	59.21	24.9	24.2	24.2	24.5	24	25	25.7	23.1	92	96	94	95	96	88	64.3
4	57.58	56.96	57.59	56.12	57.26	58.25	24.8	25.1	26.6	25.3	25	25	27.5	23.7	89	87	81	89	84	82	6.2
5	57.06	57.31	58.52	57.17	58.35	59.06	25.5	24.3	26.5	25.9	25.1	25	27	23.4	80	85	68	72	75	68	.3
6	58.41	58.71	59.39	57.38	57.75	58.80	25	24.6	25.5	24.4	25.2	25	26.5	24.1	73	78	80	87	80	83	2.3
7	58.04	58.90	59.25	57.21	58.25	59.58	25.5	25	26.8	24.6	25.5	23.9	27.4	23.3	80	80	67	92	80	85	9.2
8	58.11	57.88	58.84	56.22	56.89	58.40	24.8	25.1	25.7	26.4	25.9	25.8	26.7	23.7	83	80	84	77	82	83	1
9	57.41	57.46	58.31	56.07	57.30	58.39	25.7	23.5	27.8	28	26.2	25	29.2	23.2	84	94	82	77	85	92	------
10	57.57	57.47	58.31	56.11	57.25	58.10	25	24	27.9	28.3	26.4	24.4	29.9	23.6	88	91	82	79	89	94	.8
11	57.83	57.42	58.90	56.60	57.74	59.36	23.4	24	24.8	25.3	25.2	24.8	26.6	22.9	97	94	93	93	90	98	51.6
12	58.41	57.87	58.72	56.47	57.32	59.07	24.7	23.5	26	27.5	25.9	24.2	29.7	23.1	92	96	89	87	88	94	3.5
13	58.26	58.78	59.70	57.71	58.59	60.16	24.4	24.7	25.6	26.2	26	24.9	27.5	23.1	92	96	90	85	85	90	11.2
14	58.86	58.98	59.85	57.96	58.74	60.10	25.1	24.6	26.3	27.2	24.8	24.1	28.7	23	91	95	86	81	93	95	26.7
15	59.39	59.89	61.07	59.58	60.50	61.25	23	23.9	26	26.8	26.1	25.9	27.3	22.1	95	97	87	83	87	85	8.1
16	59.84	60.31	61.32	59.08	59.82	60.48	25	24.3	26	26	26	25.1	26.9	23.7	92	93	87	88	86	95	6.4
17	59.89	60.14	60.95	59.27	59.83	60.90	24.8	24.4	26.4	24.9	25.1	23.9	26.9	23.5	93	91	87	88	90	91	6.3
18	59.53	59.66	60.95	59.17	60.09	61.15	23.7	25	26.4	26.2	24.8	23.5	26.6	22.9	94	86	82	76	83	88	3.8
19	59.94	60.56	61.13	58.92	59.01	60.35	24.1	24	25.7	25.3	24.8	24.2	25.9	22.4	82	82	66	71	74	83	.8
20	58.81	59.18	59.87	56.73	57.27	59.07	25	24.2	22.1	24.5	24.8	24.1	26	21.9	73	74	95	92	92	92	70.8
21	57.45	57.97	59.20	57.30	57.91	59.07	24.5	24	24.9	24.9	24.4	24.3	25.7	23.5	92	91	95	84	91	89	2.6
22	58.07	58.47	59.55	57.53	58.63	60.15	24.5	24	24.9	23.6	23.6	24	25.3	23	87	91	83	95	90	95	41.9
23	58.43	59.43	60.44	58.42	59.76	60.40	24.8	23.9	25.1	24.4	24	24.5	25.6	22.4	88	96	91	97	97	93	61.2
24	59.58	60.11	62.35	61.06	60.79	61.69	23.6	24.5	24.2	23.5	24.2	24.3	25.2	22.5	90	83	87	91	85	85	34.3
25	61.50	61.91	63.26	61.29	61.98	63.27	23.3	24	24.1	24.9	24	24.2	25.3	22.8	93	86	89	84	90	88	13.8
26	62.56	62.67	63.55	62.61	63.25	63.94	24	23.3	23.5	23.7	23.3	24.6	25.3	22.5	86	90	87	90	92	79	7.6
27	63.27	63.47	65.23	63.33	63.89	64.98	23.5	23	24.8	25.3	24.5	24	25.7	22.3	85	86	72	70	77	88	5.6
28	64.29	64.11	65.19	62.73	62.69	63.50	24	24	24.3	23.5	24.7	24.4	25	22.3	91	91	89	94	91	87	16.4
29	62.46	62.15	63.33	61.38	61.71	62	24	24.5	26.3	25.7	25.1	25	26.4	23.3	96	93	84	88	87	87	.8
30	61	61.01	61.40	58.90	59.25	60.97	24.7	24.5	27.7	28.8	26	25.7	29.3	24.3	90	95	85	78	88	86	.5
31	59.65	59.89	60.24	58.10	58.94	59.40	24.5	24.6	27.3	27	26	25.8	27.8	24.3	92	92	86	79	89	92	
Mean	59.40	59.62	60.59	58.58	59.30	60.38	24.5	24.3	25.7	25.7	25.1	24.7	26.9	23.2	88	89	84	84.5	86.7	87.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	513.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	NE	NE	182.3	181.3	184.5	149.4	697.5	8	Ci.	S.-Cu. NE	10	Ci.-S.	Fr.-Cu. NE
2	NE	NE	NNE	NNE	NNE	N	145.8	160.9	161.7	147.5	615.9	10	------	N. NE	10	Ci.-S.	N. NE
3	N	NE	NE	NNW	NNE	NE	136.5	142.1	107	133.6	519.2	10	------	N. NE	10	Ci.-S.	N. N
4	N	N	NNE	NNE	NE	NE	128.4	162.5	184.2	187.5	662.6	10	A.-Cu. NE	S.-Cu. NNE	10	Ci.-S.	N. NE
5	NE	NNE	NNE	NE	NE	NE	173	181	189.4	189.3	732.7	10	Ci.-S.	N. NE	9	A.-Cu. NE	N. N
6	NE	NNE	NbyW	NbyE	NbyE	NE	183.2	170.8	175.2	185.3	714.5	10	Ci.	S.-Cu. NNE	10	Ci.	N. NE
7	NE	NEbyN	NEbyN	NbyE	N	NE	183.4	186.8	163.5	166.5	700.2	10	Ci.	S.-Cu. NE	10	Ci.-Cu.	N. NE
8	NE	N	N	N	N	NE	162.3	155.9	161.7	104.3	584.2	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
9	NE	Calm	Calm	NW	NE	Calm	58.1	24.4	63.6	13.9	160	10	Ci.-S.	S.-Cu. SE	8	A.-Cu. SSE	Cu.
10	NE	Calm	Calm	NW	NE	SW	58.1	26.2	70.2	35.1	189.6	9	Ci.-Cu.	S.-Cu.	8	Ci. ESE	Cu. SE
11	SW	Calm	Calm	NW	Calm	N	45.9	59.7	57.1	88.2	250.9	9	Ci.	N. NE	9	Ci.-Cu. E	S.-Cu.
12	SW	Calm	Calm	NNW	NE	SW	39.7	24.9	62.5	35.1	162.2	10	Ci.-S.	S.-Cu.	9	A.-Cu. SE	Fr.-N.
13	NW	Calm	Calm	NNW	NE	N	94.8	33	120.7	92.3	340.8	9	Ci.-Cu. ESE	Fr.-N. ESE	9	Ci.-Cu.	S.-Cu. NE
14	NE	NE	N	NE	SW	Calm	103.6	109.1	105.2	39.4	357.3	9	Ci.	N. NE	10	Ci.	N. NE
15	SW	NNW	N	N	N	N	42.8	107.2	131.8	116.5	398.3	9	Ci.	N. NE	8	Ci.-Cu.	S.-Cu. N
16	N	N	N	NW	N	ENE	80.8	102.2	126.1	115.9	425	8	A.-Cu. NE	S.-Cu. NE	8	Ci.-Cu.	S.-Cu. NE
17	N	N	N	N	NE	N	90.9	98.8	137.4	107.2	434.3	8	Ci.	Fr.-N. N	10	Ci.-S.	N. N
18	NE	NE	NE	NE	NE	NE	98.2	164.3	156.6	179.2	598.3	9	A.-Cu. ENE	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
19	NE	N	NbyE	N	N	NNE	185.2	196.8	188	177.3	747.3	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	S.-Cu. N
20	N	NW	NW	N	N	N	167.6	152.6	161.4	164.1	645.7	10	------	N. N	10	Ci.-S.	N. N
21	N	N	N	N	N	NNE	162.8	161.2	167.1	167.5	658.6	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
22	NNE	N	N	N	NbyW	N	166.7	177.2	174.1	151.3	669.3	10	Ci.-S.	N. N	10	Ci.-S.	N. N
23	N	N	N	N	NE	NNE	156.3	147.6	169.5	177	650.4	10	------	N. NNE	10	Ci.-S.	N. N
24	N	N	N	N	N	N	153.2	162.2	157.5	155	627.9	10	Ci.-S.	N. NNE	10	Ci.	N. NNE
25	N	N	N	N	N	N	149.5	152.7	145.1	157.4	604.7	10	Ci.-Cu.	N. NNE	10	Ci.	N.
26	N	NNE	NE	NEbyN	NE	NE	152.3	173.8	194.5	174.6	695.2	10	Ci.-Cu.	N. NNE	10	Ci.-Cu.	N. NE
27	NE	NE	NNE	NE	N	NNE	170.6	161.1	170.4	171.4	673.5	10	Ci.	N. NE	10	Ci.	S.-Cu. NE
28	NNE	NNE	NNE	N	NNE	NE	173	167.3	173.5	154.8	668.6	10	Ci.	S.-Cu. ENE	10	A.-Cu.	N. NE
29	NNE	NE	NE	NNE	N	NE	115.9	146.7	178.3	154	594.9	10	A.-Cu. EbyN	Cu.-N. NEbyE	10	Ci.-Cu.	S.-Cu. ENE
30	NE	N	NNE	NNE	N	NE	90.4	89.9	108.1	62.3	350.7	10	Ci.-Cu.	S.-Cu. NE	7	A.-Cu. E	Cu. E
31	Calm	Calm	N	NW	N	NE	25.5	70.5	128.9	114.3	339.2	10	A.-Cu. EbyN	S.-Cu. E	4	Ci.-S. S	S.-Cu. NE
Mean	------	------	------	------	------	------	125.1	130.7	144.3	131.2	531.3	9.6	------	------	9.3	------	------
Total	------	------	------	------	------	------	------	------	------	------	16469.5	------	------	------	------	------	------

OLONGAPO.

[φ=14° 49′ N; λ=120° 16′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.71 mm.]

JANUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm*
1	59.09	59	60.48	57.59	58.21	59.45	23	22.6	26.3	27.3	25.2	24.1	28.4	22.6	87	89	73	60	69	67	------
2	58.33	59.12	60.33	57.07	57.56	59.30	23.5	23	26	28.5	25.9	24.4	30.1	22.6	71	73	63	57	73	80	0.3
3	57.92	58.59	59.74	57.65	57.65	58.77	23.5	24	26.5	28.4	26.3	25.9	29.7	23.1	87	83	76	70	82	79	------
4	58.03	58.49	59.24	56.86	57.63	59.38	23.5	23	28.2	31.5	28.4	24.9	31.6	22.7	91	92	72	60	76	88	------
5	58.04	58.25	58.91	56.68	57.35	58.59	21.5	21.1	28.1	30.5	28	25.8	31	21	95	94	65	61	80	79	------
6	58.03	58.42	59.33	57.41	57.80	58.55	23.1	21.8	27.8	30.8	28	24.4	32.2	21.6	91	96	72	60	77	87	------
7	57.57	58.58	59.61	57.29	58.23	59.59	23.3	22.3	28.1	31.5	28.5	24.1	31.9	22	87	92	70	59	75	90	------
8	59.07	59.60	60.61	58.11	59.12	60.20	22.1	21.5	28.5	31.4	28	24.4	31.7	21.4	93	95	66	57	74	84	------
9	59.92	60.57	61.26	59.22	59.74	61.60	22	21	28.1	31.9	27.9	23.7	32	20.8	93	95	68	51	68	81	------
10	60.86	60.41	61.39	58.93	59.38	60.86	22.7	23.6	29.5	30.1	27.8	24.7	31.9	22	81	74	57	60	69	86	------
11	59.81	60.66	61.73	59.74	59.67	60.75	22.9	23.3	26.5	29.5	27.4	23.5	30.9	21.9	91	87	75	64	77	90	------
12	59.47	59.81	60.60	57.77	58.23	59.24	21.9	21.3	27	27.9	27.1	24.2	29.9	20.8	96	97	76	73	78	91	------
13	58.27	59.02	59.88	57.52	57.74	59.03	23	21.4	26.4	26.8	27	24.1	31.1	21.3	97	97	83	80	79	90	1.1
14	58.59	60.11	61.76	59.09	60.03	61.43	23	20.8	26	29.1	25.4	24	29.4	20.4	91	97	80	64	89	87	2.3
15	60.64	61.27	62.55	60.02	61.10	62.36	22.1	20.1	27.1	29.9	25.9	22.9	30	20	92	98	65	54	73	79	------
16	61.19	61.29	62.17	59.46	60.04	61.41	21.9	20.8	26.5	29.9	26	23	30.4	20.6	83	88	64	53	76	79	------
17	59.74	60.22	61.62	59.66	59.65	60.91	22	21.5	25.5	23.5	24.5	20.9	27.2	20.6	82	87	71	87	79	87	1.4
18	59.60	59.69	60.98	58.86	60.23	61.14	19	17.9	26.9	30.5	25.5	24.4	31.4	17.6	91	96	63	56	87	92	.8
19	59.76	59.97	61.40	59.40	60.31	62.09	23.1	23	27	29.5	28.5	24.2	31.1	22.8	98	99	83	75	81	95	8.4
20	60.94	61.14	62.63	60.11	60.07	61.73	22.2	20.9	28.4	31	27.5	24.9	31.9	20.6	98	99	72	60	77	92	------
21	60.71	61.07	62.09	59.35	59.59	61.15	23.4	21.5	29.6	31.5	28	26.3	32.3	21.5	95	99	69	64	81	90	------
22	60.60	60.91	61.97	59.82	59.64	61.35	24.7	23.9	29.1	31.5	28.6	23.9	32.6	23.6	93	97	74	60	77	92	------
23	60.70	60.46	61.38	59.26	60.07	61.31	22.3	20.2	29.3	31.6	27.5	24.7	32.2	20.1	96	98	65	59	79	89	------
24	60.61	60.10	60.49	58.80	59.04	60.49	22.8	23	29	31.4	28.1	24.2	32.4	22.3	96	91	64	61	78	94	------
25	59.89	60.27	61.15	58.38	58.49	60.38	22.2	20.9	28.5	31.3	27.4	25.9	32	20.6	97	99	70	60	84	88	------
26	59.79	60	61.14	58.57	59.11	60.36	23	21.9	28.7	30.6	27.3	24.4	31.6	21.7	95	96	69	63	80	95	------
27	59.56	59.77	60.51	58.17	58.78	60.14	23.6	22.1	29.1	31.2	27.5	24.3	32	21.8	98	99	71	54	77	93	------
28	59.09	59.31	60	57.22	57.49	58.49	23	21.4	27	27.5	27	24.3	29.7	21	97	96	75	83	80	97	------
29	57.96	58.39	59.74	57.22	57.87	59.26	23.5	22.5	27	27.2	26	24	31.2	22.1	97	96	80	81	94	91	------
30	58.34	58.73	60.32	57.82	58.08	59.90	22.8	22.5	27.5	29.9	27.1	22.6	31	22.2	90	89	69	52	70	89	------
31	59.10	59.05	60.82	59.02	59.05	60.28	20.5	20.1	27	27.3	25.7	23.1	28.5	19.6	97	97	73	71	82	90	------
Mean	59.39	59.75	60.83	58.45	58.93	60.31	22.6	21.8	27.6	29.7	27.1	24.2	30.9	21.4	91.8	93.1	70.7	63.5	78.1	87.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	14.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	1	N	1	NE	2	ENE	2	ENE	3	NE	2	8	A.-Cu.	Cu.-N. E	10	Ci.-S.	Cu.-N. ENE
2	NE	2	NE	2	ENE	2	ENE	2	NE	2	ENE	2	9	A.-Cu. SE	Cu.-N.	9	A.-Cu. SE	Cu.-N.
3	E	2	ENE	2	ESE	3	ESE	3	E	2	ENE	2	9	A.-Cu.	Cu. E	9	A.-Cu. SE	Cu.-N. ENE
4	NNE	1	NNE	1	ENE	2	E	2	NNE	1	N	1	8	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
5	N	1	N	1	ENE	2	ENE	2	NNE	1	ENE	2	7	Ci.-S. SSW	Cu.	9	Ci.-S.	Cu. E
6	NNE	1	NE	1	ENE	2	E	2	NE	1	N	1	7	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu. ENE
7	N	1	NNE	1	ENE	2	ENE	2	NNE	1	NNE	2	9	Ci.-S.	Cu.-N. ENE	6	Ci.-S.	Cu. ENE
8	N	1	NNE	1	ENE	2	E	3	NE	1	NNE	1	4	Ci.-S.	Cu.	7	Ci.-S.	Cu. ENE
9	N	1	NNE	1	ENE	2	ENE	2	ENE	1	NNE	1	6	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu. ENE
10	N	1	ENE	2	ENE	3	ESE	2	ENE	2	NNE	1	6	Ci.-S.	Cu. ENE	5	Ci.-S.	Cu. ENE
11	ENE	1	ENE	2	WSW	1	ENE	2	NE	1	NNE	1	8	Ci.-S.	Cu. ENE	8	Ci.-S.	Cu.-N. ENE
12	NNE	1	NNE	1	WSW	1	SW	2	NW	1	NNE	1	2	Ci.-S.	S.-Cu.	4	A.-Cu.	Cu.-N. E
13	NNE	1	NNE	1	W	1	SSW	2	NNW	1	NNE	2	6	A.-Cu. E	Cu.	7	Ci.-S.	Cu.-N. NE
14	NNE	1	ENE	1	ENE	2	SE	1	N	1	Calm	----	3	Ci.-S.	S.-Cu.	9	A.-Cu. SE	Cu.
15	NNE	1	NNE	1	E	2	ENE	2	NE	2	NE	1	3	A.-Cu.	Cu.	4	Ci.-S.	Cu. ENE
16	NNE	1	NNE	1	ENE	3	ENE	2	NE	1	NE	2	6	A.-Cu. N	Cu.	8	A.-Cu. N	Cu.
17	NE	2	ENE	1	E	2	NE	0	NNE	1	NNE	1	6	A.-Cu. E	Cu.	9	A.-Cu.	Cu.-N. ENE
18	N	1	NNE	1	ENE	3	ENE	2	E	2	ENE	1	2	Ci.-S.	Cu.	6	A.-Cu. SE	Cu. E
19	NNE	1	N	1	ESE	2	ENE	2	ENE	0	ESE	2	10	A.-Cu.	Cu.-N. E	7	A.-Cu. SSE	Cu. E
20	NNE	2	NE	1	E	2	E	2	NW	1	NNE	1	4	Ci.-S.	Cu.	5	Ci.-S.	Cu. E
21	N	1	NNE	1	E	1	ENE	1	NE	1	ENE	2	7	A.-Cu. SE	Cu.	7	A.-Cu. ENE	Cu.-N.
22	ENE	1	NNE	1	ENE	3	E	2	N	1	NNE	1	7	A.-Cu. SE	Cu.	6	Ci.-S.	Cu. ENE
23	NNE	1	NNE	1	ENE	3	ENE	3	NNE	1	NNE	1	6	Ci.-S.	Cu.	8	A.-Cu.	Cu. ENE
24	N	1	N	1	ENE	3	ENE	1	ENE	0	NNE	1	9	Ci.-S.	Cu. ENE	8	A.-Cu.	Cu. ENE
25	NNE	1	NNE	1	E	2	ESE	2	NW	2	ESE	2	3	Ci.-S.	Cu.	6	Ci.-S.	Cu.
26	NNE	1	NNE	1	E	2	SE	2	NNW	2	NNE	1	7	Ci.-S.	Cu.	6	Ci.-S.	Cu. E
27	NNE	1	NNE	1	ENE	2	ESE	2	NNW	2	NNE	1	6	Ci.-S.	Cu.	8	A.-Cu. NE	Cu.
28	NNE	1	NNE	1	WSW	1	SSW	3	NW	3	NNE	1	2	Ci.-S.	Cu.	3	Ci.-S.	Cu.
29	NNE	1	NNE	1	ENE	1	SSW	3	NNE	1	ESE	2	7	A.-Cu. ENE	Cu.	6	Ci.-S.	Cu. E
30	NE	2	ENE	2	ENE	2	ENE	3	NE	1	NNE	1	7	Ci.-S.	Cu. ENE	5	Ci.-S.	Cu. ENE
31	NNE	1	NNE	1	E	3	ENE	2	ENE	1	ENE	1	7	Ci.-S.	Cu. ENE	9	Ci.-S.	Cu. ENE
Mean	------	1.2	------	1.2	------	2.1	------	2	------	1.3	------	1.3	6.2	------	------	6.9	------	------

OLONGAPO.

[ϕ=14° 49′ N; λ=120° 16′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.71 mm.]

FEBRUARY, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.87	59.15	60.62	58.18	58.94	60.45	21	20.3	28.2	29.4	27.1	22.7	30.5	20	95	95	68	59	68	88	------
2	59.26	59.48	61.38	58.91	58.89	59.91	20.7	19	27	29.2	27.3	22.9	30.4	18.9	94	99	67	61	73	92	------
3	58.96	59.38	60.42	58.28	59.02	60.30	20.9	20.1	28.5	31.4	27	23.5	31.6	19.4	96	99	70	59	80	98	------
4	59.54	59.60	60.86	58.95	59.88	61.20	21.9	21.5	28.6	32	29.3	25.5	32.9	21.1	97	99	71	57	69	87	------
5	60.45	61.06	62.74	60.99	61.86	62.40	24	23.5	27	27.6	25.4	24.5	29.3	23.2	94	96	80	79	89	82	0.4
6	61.51	61.86	62.64	61.28	61.90	62.74	23.5	23.9	27.3	26.4	26.5	23.6	29	23.3	88	87	78	86	75	85	------
7	62.29	62.65	63.13	60.46	61.80	63.03	22.4	23.5	28.5	30.9	27.3	24.8	31.5	21.8	91	83	60	48	64	73	------
8	62.23	62.32	63.13	60.72	61.37	62.36	24	23.4	28.3	30.1	27.1	23	31	22.8	77	80	61	47	65	84	------
9	62.20	62.61	63.24	60.63	61.49	62.63	20.4	19.4	28	28.3	27	23.1	31.3	19.1	95	96	66	71	73	95	------
10	61.97	62.55	63.18	60.51	61.67	62.51	21.9	21.3	27.8	31.3	27	22.9	32	20.9	99	98	69	54	73	96	------
11	61.66	62.82	63.34	60.35	60.97	62.61	20.9	20.4	28	31.5	27.1	23.5	32.4	20.2	98	99	74	60	83	91	------
12	61.72	62.33	63.08	60.92	61.52	62.99	21.2	20.6	29.5	30.4	27.9	24.9	32	20.4	97	99	64	49	59	71	------
13	61.64	61.91	62.68	60.51	61.32	62.70	22.5	23.3	28.6	28.3	25.6	23.5	30.5	22.2	80	68	50	53	64	68	------
14	61.19	61.74	62.59	59.80	59.89	61.25	22.9	22.6	26.8	30.5	26.6	24.7	31.3	22.2	71	74	59	50	63	71	------
15	59.30	60.03	61.63	59.49	59.39	60.91	24.1	23.4	26.1	29.3	26.1	25.2	29.9	23.2	74	80	72	60	70	75	------
16	59.76	60.44	61.78	59.20	59.42	61.43	22.7	21	29.3	32.4	28.5	25.1	33	20.9	85	91	56	50	62	78	------
17	60.19	60.37	61.41	58.40	59.03	61.09	22.9	21.5	29.4	32.6	28.4	26	33	21.5	88	91	61	47	64	72	------
18	59.72	60.05	60.51	58.37	58.39	59.85	25.4	23.6	29.8	32.9	29.1	26.5	33	23.6	76	86	63	55	70	75	------
19	59.04	59.45	60.44	57.74	59.08	60.66	24	22.6	28.9	32.6	26.8	25	33.6	22.5	86	91	69	54	81	92	3.1
20	59.83	59.51	60.18	58.36	58.52	60.10	23.7	22.9	29.9	28	28.6	26.3	32	22.7	92	93	66	80	73	88	------
21	59.39	59.45	59.64	57.81	58.31	59.75	24.6	23.6	29.6	32.9	29.4	26	33.9	23.6	91	94	69	55	74	80	------
22	58.96	59.50	60.52	58.19	58.35	60.18	24.4	23.2	29.7	32.6	29.5	26.6	33.2	23	86	90	61	59	68	83	------
23	59.19	59.56	60.96	58.74	58.73	59.92	24.4	22.9	29.9	29.1	28.9	26	32.9	22.6	88	92	61	68	67	84	------
24	58.93	58.74	59.68	57.72	58.08	59.79	24.6	24.4	30.1	32	29.6	24.5	32.6	24.2	90	90	64	51	67	83	------
25	58.91	59.64	60.41	58.07	58.64	60.40	23.4	22.4	29.6	28	28	25.4	33.1	22.2	89	92	61	79	79	88	------
26	59.30	59.41	61.61	59.17	59.29	60.80	23.6	23.9	29.5	32.3	28.4	23.5	33	23.4	90	89	64	45	77	87	------
27	59.77	60.11	61.38	58.76	58.98	60.32	21.9	20.9	29.6	32.6	28.7	25	33.4	20.5	92	93	55	42	62	83	------
28	59.08	59.69	61.09	58.34	58.67	60.12	23.3	21.4	29.5	33.4	28.5	24.9	34.2	21.2	88	92	55	37	67	84	------
Mean	60.17	60.55	61.58	59.24	59.76	61.16	22.9	22.2	28.7	30.6	27.7	24.6	32	21.8	88.8	90.6	64.8	57.7	70.7	83.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	3.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	1	NNE	1	ENE	3	ENE	3	ENE	1	NNE	1	8	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu. ENE
2	N	1	NNE	1	ENE	2	E	2	NNE	1	NNE	1	9	Ci.-S.	------	10	Ci.-S.	Cu. E
3	NNE	1	NNE	1	ENE	2	E	2	NNE	1	NNE	1	8	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu. NE
4	NNE	1	NNE	2	ENE	2	ENE	2	NNE	1	NNE	0	8	Ci.-S. SE	Cu. ENE	4	Ci.-S.	Cu. ENE
5	E	1	NNE	1	E	2	E	2	ENE	2	ESE	2	9	A.-Cu.	Cu.-N. ENE	9	A.-Cu.	Cu.-N. ENE
6	E	1	E	2	ENE	2	SE	1	ENE	1	SE	1	8	A.-Cu.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. ENE
7	N	1	ENE	2	NE	3	ENE	3	ENE	2	E	2	8	Ci.-S.	Cu.-N. ENE	4	Ci.-S.	Cu. ENE
8	ENE	1	NE	1	NE	3	E	3	NE	1	NNE	1	9	Ci.-S.	Cu. ENE	8	Ci.-S.	Cu. NE
9	NNE	1	NNE	1	E	2	SSW	2	NNW	1	NNE	1	7	Ci.-S. SSW	------	7	Ci.-S.	Cu. N
10	N	1	NNE	1	E	2	ENE	2	NW	2	NNE	1	6	Ci.-S.	Cu.	6	Ci.-S.	Cu. NE
11	NNE	1	NE	1	ENE	2	E	2	SSE	1	NNE	1	6	A.-Cu.	Cu.	5	A.-Cu.	Cu. NE
12	NNE	1	NNE	1	ENE	2	ENE	3	NE	1	NNE	2	3	A.-Cu.	Cu.	8	A.-Cu. SE	Cu. ENE
13	ENE	2	ENE	2	ENE	3	ENE	1	NE	2	NE	2	7	A.-Cu. ESE	Cu. ENE	9	A.-Cu.	Cu.-N. NE
14	NNE	2	NNE	1	ENE	2	NE	2	ENE	2	NNE	1	10	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. ENE
15	E	2	SW	1	SSW	1	E	2	ENE	2	NNE	1	9	A.-Cu.	Cu.-N. ENE	9	A.-Cu.	Cu.-N. E
16	NNE	1	NNE	1	ENE	2	ENE	2	NW	2	NNE	2	7	Ci.-S.	Cu. E	5	Ci.-S.	Cu. E
17	NNE	2	NE	1	ENE	2	ENE	2	ENE	2	SE	2	5	Ci.-S.	Cu.	9	Ci.-S.	Cu. NE
18	ENE	1	NNE	1	ENE	2	ENE	2	NE	1	ESE	1	9	A.-Cu.	Cu.-N. ENE	7	A.-Cu.	Cu.-N. ENE
19	NNE	1	NNE	1	ENE	2	E	2	ENE	2	ENE	1	8	Ci.-S. SE	Cu.	8	Ci.-S.	Cu. E
20	N	1	NNE	2	ENE	2	SSW	3	NW	2	NE	1	8	Ci.-S. WSW	Cu.	5	Ci.-S.	Cu.-N.
21	NNE	1	NNE	1	ENE	2	ENE	2	N	1	NNE	1	5	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. E
22	NNE	1	NNE	1	ENE	3	ENE	2	NW	2	NNE	1	6	Ci.-S.	Cu. ENE	4	Ci.-S.	Cu.
23	NNE	0	NNE	1	ENE	2	SSW	2	NW	2	NNE	1	8	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu.
24	NNE	1	NNE	1	E	2	ESE	2	NW	2	NNE	1	8	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
25	NNE	1	NNE	1	E	2	SW	3	SSW	1	NNE	1	7	Ci.-S.	Cu. ENE	3	Ci.-S.	Cu.
26	NNE	1	NNE	1	ENE	2	ESE	2	Calm	----	NNE	1	5	Ci.-S.	Cu. ENE	1	------	Cu.
27	ENE	0	N	1	NE	2	ESE	2	NW	2	NNE	1	4	Ci.-S.	Cu.	3	Ci.-S.	Cu.
28	NNE	1	NNE	1	ENE	2	E	2	NW	3	NNE	1	6	Ci.-S.	Cu.	1	Ci.-S.	Cu.
Mean	------	1.1	------	1.2	------	2.1	------	2.1	------	1.5	------	1.2	7.2	------	------	6.3	------	------

OLONGAPO.

[ϕ=14° 49′ N; λ=120° 16′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.71 mm.]

MARCH, 1909.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.09	59.42	60.71	58.02	58.16	59.58	22.6	22.3	29	29.1	29.5	25	32.7	21.6	90	89	57	70	68	86	------
2	58.74	59.82	61.39	58.64	58.62	60.50	22.6	20.9	30	33.4	28.7	26.4	33.6	20.5	92	94	56	45	68	70	------
3	59.29	59.86	60.44	58.30	58.37	60.08	24.4	20.9	29.4	32.3	28.8	23.5	33.6	20.6	79	91	58	47	63	83	------
4	59.65	60.07	61.03	58.24	58.24	60.40	22.4	20.9	28.9	31.9	28.4	24.4	32.5	20.6	91	92	62	50	69	87	------
5	59.84	60.17	60.89	58.56	58.76	60.45	22.5	20.7	28.9	32.1	29.1	25.5	32.9	20.4	88	94	58	47	58	73	------
6	59.54	60.64	62.17	59.65	58.90	59.96	22.3	20.4	29.4	31.7	29.9	24.1	32.9	20.4	86	92	60	45	58	80	------
7	59.09	60.07	61.01	58.47	58.64	59.94	22.9	22.4	29.8	28.5	29	24.4	33.5	22.2	90	92	58	68	67	87	------
8	58.70	59.27	60.29	57.69	57.34	58.99	22.6	21.9	29.2	32.5	30	24.9	33.4	21.6	91	93	59	49	58	79	------
9	58.10	58.80	60.14	57.72	57.13	58.90	21.5	21.9	29.5	32.9	30.2	26.3	33.5	19.8	87	83	57	51	59	78	------
10	58.43	59.02	60.06	57.76	56.98	59.04	23.3	21.4	29.4	32.9	30.3	24.5	33.4	21.2	87	92	56	36	51	80	------
11	58.21	58.84	60.09	57.24	57.11	58.91	23.3	21.9	29.6	32.2	29.2	22.9	32.7	21.6	86	90	56	44	62	85	------
12	58.17	58.40	59.61	57.01	56.69	58.50	21.5	20.3	29.4	32.9	28.4	24.3	34	20	87	91	54	46	56	82	------
13	58.26	58.58	59.95	57.48	57.98	60.74	23.7	23.3	29.6	33	29.4	23.9	34.1	23	89	90	57	43	62	75	------
14	59.92	60.77	61.88	59.04	59.58	61.34	21.5	20.4	26.8	32.1	28.2	23.6	33.2	20.1	83	88	67	50	53	77	------
15	60.21	60.65	62.39	59.61	59.67	60.75	21	23.3	25.9	29.1	26.8	25.9	30	20.7	89	75	72	60	74	72	------
16	59.59	59.89	61.17	58.34	58.46	60.15	24.6	23	30.9	33.8	29.9	26.8	34.2	22.9	78	84	53	44	64	77	------
17	58.91	59.39	60.65	57.98	57.77	59.67	25	23.1	30.5	28	28.9	26.5	32.7	23	83	91	58	75	67	81	------
18	58.55	59.21	60.67	58.21	58.56	60.60	25	22.8	29.6	31.5	28	25.1	33.1	22.6	85	92	64	54	68	82	------
19	59.69	59.73	60.83	59.04	59.27	60.79	24.6	23.3	31.4	31.2	29.5	25.4	34	23.2	74	80	46	48	48	65	------
20	59.99	60.09	60.86	58.51	58.81	60.49	22.8	21.6	31	34.5	29.9	24.5	34.7	21.5	78	86	45	36	60	75	------
21	59.29	59.40	59.76	57.48	57.53	59.28	22	20.6	30.1	35	29.1	25.1	35.4	20.5	87	88	54	33	66	78	------
22	58.21	58.62	59.87	57.84	57.51	59.14	22.8	22	31.1	31.9	28.4	26	33.4	21.8	85	86	47	54	74	73	------
23	57.73	57.94	59.08	57.30	57.75	58.74	23.5	22.1	29.5	29.4	26	25.3	31.4	22	83	89	60	75	80	77	0.6
24	57.13	57.53	59.24	56.69	57.64	60.29	25	25	28.4	31.9	27.2	25	33.5	24.6	79	82	68	57	81	88	16.8
25	59.14	59.60	60.74	58.85	59.65	61.65	24.2	23.3	29.3	32.2	29.4	25	32.9	23.2	91	94	63	53	62	82	------
26	60.71	61.38	62.15	59.90	60.23	61.88	22.4	23.5	30.6	33	29.3	26.1	34.4	22.3	88	76	50	48	59	75	------
27	60.56	61.53	62.97	61.28	60.49	62.45	24.7	24.3	26.9	25.7	26.9	24.3	28.7	24.2	79	85	69	87	74	83	2.5
28	61.38	62.03	62.56	60.17	60.19	61.95	23.9	23.5	29.2	31	28.5	26.4	32.5	23.3	84	90	62	50	71	76	------
29	60.75	61.21	62.17	59.39	59.60	61.55	24.8	23.9	30.1	34.1	31.2	26.3	34.5	23.4	81	84	56	45	58	70	------
30	60.08	60.61	61.41	58.74	58.90	60.80	24.6	23.4	30.4	32.9	29.5	26.1	34	23.2	79	83	54	48	61	80	------
31	59.65	59.97	61.11	58.67	58.87	60.68	24.1	22.9	30.9	33.3	29.4	26.6	34.4	22.7	87	92	60	44	65	79	------
Mean	59.25	59.76	60.88	58.45	58.50	60.26	23.3	22.3	29.5	31.8	28.9	25.2	33.2	21.9	85	88	57.9	51.7	64	78.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	19.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	1	E	1	E	2	SSW	2	NW	2	NE	1	8	Ci.-S.	Cu. E	5	Ci.-S.	Cu.
2	NNE	1	NE	2	E	2	ESE	2	NW	2	NE	2	2	Ci.-S.	Cu.	2	Ci.-S.	Cu.
3	ENE	1	N	1	E	2	SE	2	NW	2	NNE	1	2	Ci.-S.	------	2	Ci.-S.	Cu.
4	N	1	NE	1	E	2	ESE	2	NNW	1	NNE	1	8	Ci.-S.	Cu. ENE	8	Ci.-S.	Cu. ENE
5	NNE	1	NNE	1	E	3	ESE	2	E	2	E	2	7	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
6	N	1	NNE	1	E	2	ESE	3	NNE	1	NNE	1	7	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
7	ESE	1	NNE	1	E	3	SSW	3	NW	1	NNE	1	7	Ci.-S.	Cu. E	6	Ci.-S.	Cu. NE
8	N	1	NNE	1	E	2	E	2	NNE	1	N	1	4	Ci.-S.	Cu. E	4	Ci.-S.	Cu. ENE
9	N	2	NE	2	E	3	E	2	NE	1	ENE	2	3	Ci.-S.	Cu.	4	Ci.-S.	Cu. ESE
10	NNE	1	NNE	1	ENE	2	ESE	3	NNW	1	E	1	6	Ci.-S.	Cu. E	3	Ci.-S.	Cu.
11	NNE	1	NNE	1	ENE	2	E	2	NNE	1	NNE	1	8	Ci.-S.	Cu. ENE	9	Ci.-S.	Cu. ENE
12	NNE	1	NE	1	ENE	2	NE	1	NW	2	N	1	10	Ci.-S.	Cu.	7	Ci.-S.	Cu. E
13	ENE	1	NNE	1	ENE	2	E	2	NNE	1	ENE	2	8	Ci.-S. E	Cu. ENE	9	Ci.-S.	Cu. NNE
14	NNE	2	NNE	1	NE	1	NE	3	ENE	3	NNE	1	10	Ci.-S.	Cu. ENE	9	Ci.-S.	Cu. NE
15	NNE	1	E	1	E	2	ENE	2	NE	2	ENE	2	9	A.-Cu. E	Cu.-N. ENE	10	A.-Cu. E	Cu.-N. ENE
16	ENE	2	E	0	ENE	2	ESE	1	E	1	NNE	1	3	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
17	NNE	2	NNE	1	ENE	2	SSW	3	NW	2	E	1	6	Ci.-S. E	Cu.	6	Ci.-S.	Cu.-N. NNE
18	ENE	1	NNE	1	ENE	2	ENE	1	ENE	2	N	1	6	Ci.-S.	Cu. ENE	8	A.-Cu.	Cu. E
19	E	2	NNE	1	ENE	2	E	2	ENE	2	NE	2	2	Ci.-S.	Cu. ENE	8	A.-Cu.	Cu.-N. NE
20	NNE	1	NNE	1	NE	2	E	2	N	1	NNE	1	7	Ci.-S.	Cu. E	8	Ci.-S.	Cu. E
21	NNE	2	NNE	1	ENE	2	E	2	S	1	NNE	1	2	Ci.-S.	------	9	Ci.-S.	Cu. NE
22	NNE	1	NE	1	ENE	2	NW	2	NW	2	SE	1	6	A.-Cu. E	Cu.	10	Ci.-S.	Cu. NNE
23	N	1	NNE	1	ENE	2	NNE	1	NE	2	ESE	1	7	A.-Cu. N	Cu.-N. ENE	10	Ci.-S.	Cu.-N. ENE
24	NE	2	E	2	E	1	ENE	1	ESE	2	Calm	----	10	Ci.-S.	Cu.-N. ENE	9	A.-Cu.	Cu.-N. E
25	NNE	0	Calm	----	ENE	3	ENE	2	NNE	1	NNE	1	10	Ci.-S.	Cu.-N. ENE	7	Ci.-S.	Cu. ENE
26	N	1	NNE	1	NE	3	NE	2	E	2	ENE	2	7	Ci.-S. WSW	Cu. E	7	A.-Cu.	Cu.-N. ENE
27	NE	2	NNE	2	E	2	E	1	NNE	1	ENE	2	9	A.-Cu. E	Cu.-N. NE	10	A.-Cu.	Cu.-N. ENE
28	ESE	2	NE	1	ESE	2	E	2	NE	1	ESE	1	9	A.-Cu.	Cu.-N. ENE	9	A.-Cu.	Cu.-N. ENE
29	E	1	E	2	E	3	E	1	N	1	NE	2	6	A.-Cu.	Cu. E	3	A.-Cu.	Cu. NNE
30	NE	2	NE	1	E	3	ESE	2	NW	2	NNE	1	1	Ci.-S.	Cu.	3	Ci.-S.	Cu.
31	NNE	1	N	1	E	2	E	1	NW	3	NNE	1	1	Ci.-S.	Cu.	3	A.-Cu.	Cu.-N. ENE
Mean	------	1.3	------	1.1	------	2.2	------	1.9	------	1.6	------	1.3	6.2	------	------	6.7	------	------

OLONGAPO.

[ϕ=14° 49′ N ; λ=120° 16′ E ; barometer above sea, 3.5 meters ; gravity correction not applied, —1.71 mm.]

APRIL, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.47	60.20	61.20	58.62	58.77	60.95	25.5	23.5	30.6	34	30.4	27.2	34.4	23.5	84	89	55	43	60	75	------
2	59.40	60.17	61.26	58.81	59.60	61.19	24.4	22.8	31.2	33.2	31.3	27.4	33.9	22.6	83	88	52	46	58	76	------
3	60.04	60.81	61.61	59.02	59.22	60.94	25	23.3	30.5	29.6	29.6	26.6	34.2	23.2	83	88	56	69	69	83	------
4	59.75	60.41	61.71	59.39	59.12	60.32	25.9	24.4	31.4	28.8	29.3	26.5	32.8	24.3	84	90	57	74	73	85	------
5	59.04	59.78	61	58.81	58.33	60.22	25.9	24.7	31.3	29.4	29.7	26.6	34.2	24.4	83	88	57	71	64	83	------
6	59.18	59.19	59.84	57.81	57.79	59.25	24.4	23.3	29.1	29	28.8	26.5	31.2	23	88	92	66	74	69	79	------
7	58.55	58.70	59.54	57.07	57.11	58.87	24.4	21	28.3	28.9	28.6	27.1	31.1	20.7	83	91	64	65	71	81	------
8	58.24	58.71	59.73	57.76	58.11	59.92	25.5	24.4	29.3	30.4	28	26.9	33.4	24.2	86	87	62	65	78	86	------
9	58.37	59.48	60.19	57.99	58.16	60.09	24.5	23.8	29.1	28.4	28	26	29.4	23.6	92	92	67	77	80	90	------
10	59.25	59.85	60.40	58.06	58.38	60.15	23.5	23	30.5	28.5	29.1	27	30.7	22.9	91	95	62	74	68	80	------
11	58.87	59.64	60.38	57.93	58.72	60.45	26.3	24.9	31	29.3	28.1	25.6	33.3	24.6	82	89	59	75	72	88	------
12	59.84	60.36	61.32	58.85	58.93	60.45	24.2	24	31.2	33	29.6	25.4	33.9	23.7	88	90	51	39	59	83	------
13	59.54	60.21	60.82	58.58	58.25	60.15	24.4	22.8	31	33.6	30	25.6	34.6	22.7	87	91	55	44	60	81	------
14	58.98	59.62	60.26	58.11	58	59.62	24.5	22.8	31.1	30.4	29.9	27.9	35.1	22.4	85	89	55	72	65	81	------
15	58.82	59.15	60.12	57.61	57.62	58.99	26	26	32.2	31.5	30.1	27	34.2	25.7	88	88	58	72	70	83	------
16	57.97	58.36	59.32	56.78	58.09	59.53	26.2	24.9	31.4	29.8	25.2	24.1	32.9	22.7	86	87	63	72	97	95	33.6
17	58.18	58.61	59.42	57.39	57.37	59.69	22.7	22.5	30.1	32.3	30.9	26.4	33.3	22.3	98	96	67	55	57	84	------
18	58.45	58.65	60.03	57.83	58.30	60.01	24.9	24.3	31.4	34.4	29.9	27.4	34.8	23.8	90	91	59	46	65	82	------
19	59.15	59.43	59.47	57.11	56.80	58.64	25.3	24.7	31.8	29.3	29.5	27.5	34	24.3	91	94	60	79	75	87	------
20	57.64	58.17	58.87	56.92	57.02	58.96	25.1	24.5	31.7	30	30.5	27.2	34.3	24.5	89	92	61	70	65	86	------
21	58.06	58.65	59.31	57.22	57.78	59.09	24.5	24.4	30	29.9	29.1	27.9	31.4	24.1	91	93	67	75	81	83	------
22	58.25	58.67	59.45	57.08	57.32	59.17	26.2	26.1	32.3	29.5	29.4	27.9	33.9	25.4	89	88	61	75	71	81	------
23	58.19	58.46	59.18	57.48	57.39	58.89	24.9	24.9	31.9	29.3	29.6	26.6	32	24.5	92	92	61	75	76	88	------
24	58.20	58.26	58.81	56.68	57.16	59.09	24.5	24.4	32.4	29.5	29.4	26.5	32.7	23.7	93	95	58	76	78	92	------
25	58.39	58.73	59.27	57.04	57.62	59.25	25.6	24.8	31.6	31	30.3	26.9	35.9	24.5	94	97	65	60	62	81	------
26	58.68	58.83	59.47	57.45	57.55	59.11	25.9	25.1	31.5	34.4	30.4	27.6	35.2	25	85	88	53	36	60	81	------
27	58.08	58.81	59.70	57.43	57.01	58.44	24.6	24.2	31.6	29.7	29.5	27.5	32.3	23.7	85	88	59	67	68	81	------
28	57.86	58.05	58.82	57.27	56.99	58.33	25	24.8	29.1	29.4	30.1	27.5	30.6	24.5	87	89	69	68	70	84	------
29	57.12	57.83	58.80	57.26	57.69	58.83	25.2	24.6	31.8	29.1	27.9	24.5	31.8	24.4	89	91	60	74	85	92	4.2
30	57.50	58.18	59.15	56.82	57.18	58.77	24	23.9	31	29.8	27.4	25.5	33.3	23.6	94	91	63	72	85	90	7.9
Mean	58.64	59.13	59.95	57.74	57.91	59.58	25	24.1	30.9	30.5	29.3	26.7	33.2	23.8	88	90.6	60.1	65.3	70.4	84	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	45.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	1	N	1	E	2	ESE	2	N	1	N	1	3	A.-Cu.	Cu.	4	A.-Cu.	Cu. E
2	NNE	2	NNE	1	E	3	ESE	2	N	1	E	1	1	A.-Cu.	Cu.	3	A.-Cu.	Cu. ENE
3	N	1	NNE	1	E	2	SW	3	NW	3	N	1	1	Ci.-S.	Cu.	3	A.-Cu.	Cu.-N.
4	Calm	----	NNE	1	E	2	SSW	3	NW	2	N	1	3	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N.
5	NNE	1	NE	1	NE	2	SW	2	NW	2	NNE	1	1	Ci.-S.	Cu.	2	A.-Cu.	Cu.-N.
6	N	1	NNE	1	SSW	1	SSW	4	NW	2	N	2	1	Ci.-S.	Cu.	5	A.-Cu.	Cu.-N. NNW
7	E	1	NNE	1	SW	1	SSW	3	NW	2	N	1	1	Ci.-S.	Cu.	2	Ci.-S.	Cu.
8	NNE	1	N	1	E	2	SW	3	SW	2	NNE	1	8	A.-Cu. SSE	Cu.	6	Ci.-S.	Cu.-N.
9	NNE	1	NNE	1	SW	1	SSW	3	SSW	2	NNE	1	1	A.-Cu.	Cu.	4	Ci.-S.	Cu.
10	NNE	1	NE	1	ESE	1	SSW	3	NW	2	NNE	1	1	Ci.-S.	Cu.	3	Ci.-S.	Cu.
11	E	1	NNE	1	ESE	2	SSW	3	NW	2	NNE	1	8	A.-Cu. NE	Cu.	4	A.-Cu.	Cu.
12	NNE	1	E	1	E	2	SE	2	NW	2	NE	1	3	Ci.-S.	Cu.	7	Ci.-S.	Cu. E
13	NNE	2	NNE	1	E	2	ESE	2	NW	3	NNE	1	1	Ci.-S.	------	3	Ci.-S.	Cu. E
14	NNE	1	NNE	1	ESE	2	SW	2	NW	2	ESE	1	1	Ci.-S.	Cu.	5	A.-Cu.	Cu.-N. E
15	NNE	1	NE	1	E	2	NNW	2	NW	1	NNE	1	8	A.-Cu. NE	Cu.	8	Ci.-S.	Cu.-N.
16	NNE	2	NNE	1	ESE	2	SW	2	NW	1	N	1	9	Ci.-S.	Cu. E	7	Ci.-S.	Cu.-N.
17	NNE	1	NNE	1	E	2	ESE	2	NNE	1	N	2	9	Ci.-S. W	Cu.	8	Ci.-S.	Cu. E
18	N	1	NE	2	E	2	ESE	2	NW	2	NNE	1	8	Ci.-S. WNW	Cu.	7	Ci.-S.	Cu. NE
19	NNE	1	NE	1	E	2	SSW	3	NW	1	ESE	1	5	A.-Cu. NE	Cu.	6	Ci.-S.	Cu.-N.
20	NNE	1	NNE	1	E	2	SSW	3	NW	3	NNE	1	2	Ci.-S.	Cu.	2	Ci.-S.	Cu.-N.
21	N	1	NNE	1	SW	2	SW	3	SSW	2	ESE	1	2	Ci.-S.	Cu.	3	Ci.-S.	Cu.
22	NNE	1	E	1	E	2	SSW	3	NW	2	NNE	1	4	Ci.-S.	Cu.	3	Ci.-S.	Cu.
23	NNE	1	NNE	1	SE	1	SSW	4	NW	1	NNE	1	8	A.-Cu. E	Cu.-N.	7	Ci.-S.	Cu.-N.
24	NNE	1	NNE	1	E	2	SW	3	SE	1	NNE	2	2	Ci.-S.	Cu.	3	Ci.-S.	Cu.
25	N	1	NNE	1	ENE	2	SSW	2	NW	2	NNE	1	8	A.-Cu.	Cu.	6	Ci.-S.	Cu.
26	NNE	1	NNE	1	E	2	ESE	2	NW	2	NNE	1	6	Ci.-S.	Cu. E	3	Ci.-S.	Cu.
27	NNE	1	NNE	1	SE	1	SSW	3	NW	1	NNE	1	7	A.-Cu. ENE	Cu.	6	A.-Cu. NE	Cu.-N.
28	NNE	1	NNE	1	SW	2	SSW	3	NW	2	E	1	3	A.-Cu.	Cu.	7	Ci.-S.	Cu.-N. NW
29	N	1	NNE	1	SSW	1	WNW	2	NE	1	NNE	1	4	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. WSW
30	NE	2	N	1	ENE	2	SW	4	NNE	0	NNE	1	7	A.-Cu. NE	Cu.	6	Ci.-S.	Cu.-N. NE
Mean	------	1.1	------	1	------	1.8	------	2.7	------	1.7	------	1.1	4.2	------	------	4.9	------	------

OLONGAPO.

[φ=14° 49′ N ; λ=120° 16′ E ; barometer above sea, 3.5 meters ; gravity correction not applied, —1.71 mm.]

MAY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.37	57.71	58.48	56.59	57.22	59.43	23.5	22.7	31.1	33.5	30	27.5	35.1	22.4	94	95	58	50	64	79	------
2	57.66	58.20	59.22	56.90	57.60	59.33	25.5	24.9	31.8	31.9	30.4	26.2	35.6	24.4	86	88	59	54	68	89	0.1
3	58.41	59.11	59.47	57.25	57.29	58.43	24.5	24.1	32.5	33.5	30.5	25.9	36.1	23.6	90	91	59	56	72	87	------
4	57.88	58.64	59.57	57.12	57.57	58.99	24.3	23.9	32.5	30.4	29.9	26.5	35.8	23.4	92	92	55	73	68	85	------
5	57.72	57.97	58.90	56.57	56.85	58.12	24.4	24	32.3	30.1	30.4	24.8	35.3	23.5	91	91	59	73	66	93	1.8
6	57.32	57.55	58.25	56.37	56.20	57.90	24.8	24.4	32.4	30	30.4	27.1	34.8	24.1	94	96	61	77	71	83	------
7	57.22	57.40	58.29	55.85	56.72	58.47	26.2	25.3	32.8	30.1	28.7	24.3	36.6	23.8	87	89	58	80	87	93	7.4
8	56.72	57.02	57.95	55.77	56.22	57.93	24.3	23.9	31.4	29.9	30.4	27.5	33.5	23.6	95	96	65	78	74	89	------
9	56.97	56.96	58.05	56.23	58.09	58.89	25.9	25.4	29.9	29.8	28.4	25.2	30.9	24.8	93	93	76	79	81	89	.3
10	58.10	58.69	58.96	57.95	58.59	60.48	25	24.4	29	25	24.4	24.1	30.5	23.8	94	96	77	94	96	97	45.5
11	58.71	59.28	59.57	57.80	58.03	59.77	23.9	24	29.3	29.6	28.9	25.3	32.3	23.6	97	96	76	78	81	96	6.6
12	58.45	58.86	59.31	57.86	58.15	59.40	25.1	24.9	31.1	25.9	27.4	25.3	31.6	24.6	97	97	73	93	94	88	34.8
13	57.53	57.86	58.71	56.59	57.62	58.79	24.7	24	31.5	31.4	28.6	25.4	32.2	23.8	93	97	72	72	89	96	7.4
14	57.81	57.38	58.61	57.14	57.42	59.14	25.2	25.2	28.7	29.8	29.9	25.8	30.2	24.6	97	94	83	70	69	93	------
15	58.16	57.97	58.10	56.84	57.39	59.68	24.4	23.9	30.4	29.6	28.9	27	31.2	23.4	95	96	73	82	85	92	------
16	58.39	58.69	59.13	56.97	57.43	59.42	25.1	24.4	29.4	29.9	29.5	28.4	31.2	24.2	97	97	78	76	78	85	1.1
17	58.34	58.49	59.05	57.75	57.94	60.05	25.4	25.1	32.1	29.6	27.8	25.8	33.3	24.8	96	97	65	84	94	97	9.2
18	58.67	58.51	59.91	58.26	58.52	60.03	25.5	25.3	28.9	29.4	29.1	26.9	30.1	25	99	96	78	81	83	94	------
19	58.92	59.08	60.07	57.62	57.36	59.29	25.3	24.9	31.8	29.9	29.9	26.7	33.8	24.5	97	97	70	82	75	89	------
20	58.04	58.46	58.93	57	56.56	58.44	26.1	25.3	31.9	33.9	31.1	27	34.9	24.9	92	93	61	43	63	80	------
21	57.91	57.99	58.28	56.74	57.28	59.32	25.5	25	31.5	34.5	30	26.5	34.8	24.7	88	88	56	45	74	90	1.3
22	58.33	57.94	58.88	57.82	58.41	60.62	25.3	25.7	31.4	30.1	29.8	26.8	34.1	24.4	91	90	64	68	71	89	4.8
23	60.20	59.93	59.97	58.32	58.62	60.42	25	24.3	31.5	30.1	29.7	27.5	33.4	23.7	92	92	67	68	74	87	------
24	59.19	59.43	59.65	56.88	56.90	59.27	25.8	25.5	31.5	34.4	30.5	26.9	34.9	25	90	91	65	52	72	90	17
25	58.04	58.31	58.32	56.32	56.66	58.19	26	25.6	29.1	29.9	29.6	26.9	30.5	25.6	94	95	76	75	76	88	.8
26	57.11	57.41	57.97	56.73	57.09	58.89	25.1	24.8	29.5	29.9	29.7	27.1	30.4	24.4	92	92	77	77	75	87	------
27	57.29	57.86	58.38	56.75	56.81	58.95	25.8	25.5	27.8	28.3	28.6	25.4	29.3	24.1	93	93	79	84	81	96	45.5
28	58.12	57.56	57.69	56.42	56.52	58.10	24.2	24.2	28.3	29	28.8	26.4	33.6	23.6	96	94	79	77	78	92	------
29	57.19	57.97	58.69	57.48	56.79	58.09	25.4	25	26.4	27.4	27.3	26	28.3	24.7	93	94	87	81	89	87	------
30	56.57	57.41	57.42	55.66	56.13	57.50	25.1	24.4	31.2	33.5	28.6	26	33.6	23.9	91	91	61	52	73	85	------
31	56.26	56.37	57.48	55.73	55.75	58.57	24.4	24.5	30.9	34.3	31.9	27.7	34.3	24	91	90	65	50	63	82	------
Mean	57.89	58.13	58.75	56.94	57.28	59.03	25.1	24.7	30.6	30.5	29.3	26.3	33	24.2	93.1	93.5	68.8	71.1	76.9	89.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	183.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	1	NNE	1	ENE	2	E	2	NE	2	NNE	2	2	Ci.-S.	Cu.	6	A.-Cu.	Cu.-N. ENE
2	NNE	1	NNE	1	E	2	SW	2	NW	2	NE	1	9	Ci.-S.	Cu. ESE	4	Ci.-S.	Cu.-N.
3	NNE	1	NNE	1	E	2	WNW	2	NW	2	NNE	1	2	Ci.-S.	Cu.	6	A.-Cu.	Cu.-N. NE
4	NNE	1	NNE	2	E	1	SSW	3	NNW	2	NNE	1	5	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. NE
5	NNE	1	NNE	1	E	2	SSW	3	NE	2	NNE	2	1	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N. NNE
6	NNE	1	NNE	1	E	2	SW	2	NW	2	NNE	1	6	Ci.-S. SW	Cu.	5	Ci.-S. NNW	Cu.-N.
7	NE	2	NNE	1	E	1	SSW	4	ESE	1	NNE	1	3	Ci.-S.	Cu.	5	A.-Cu. S	Cu.-N.
8	NNE	1	NNE	1	ESE	1	SSW	3	SSW	1	NNE	1	7	Ci.-S. SW	Cu.	6	Ci.-S.	Cu.
9	NNE	2	NNE	1	SW	2	SSW	3	NE	1	NNE	1	7	Ci.-S. N	Cu.	8	Ci.-S.	Cu.-N.
10	NNE	1	NE	1	E	2	WNW	2	Calm	----	NNE	1	10	A.-Cu. NE	Cu.-N.	10	Ci.-S.	N. NE
11	NNE	1	NE	1	E	2	SSW	2	SSW	2	NNE	0	9	A.-Cu. S	Cu. SE	9	Ci.-S.	Cu.-N. S
12	NNE	1	NNE	1	E	1	E	1	N	1	E	2	10	Ci.-S.	Cu. S	9	Ci.-S.	Cu.-N. S
13	NE	2	NNE	2	NE	2	NE	1	W	2	Calm	----	4	Ci.-S.	Cu.	8	Ci.-S. E	Cu.-N.
14	N	1	NE	1	Calm	----	SW	2	SSW	2	NNE	1	10	A.-Cu.	Cu.-N.	8	A.-Cu. S	Cu.-N.
15	NNE	1	NNE	1	WSW	1	SSW	4	N	1	NNE	1	6	Ci.-S. NE	Cu.	7	Ci.-S.	Cu.-N. NW
16	NNE	1	NNE	1	S	1	SSW	3	NW	2	NW	1	9	Ci.-S. NE	Cu.	8	Ci.-S.	Cu.-N.
17	NNE	1	NNE	1	E	2	NW	1	NE	1	N	1	6	Ci.-S. E	Cu.	10	Ci.-S. NW	Cu.-N. WSW
18	NNE	2	NE	1	E	1	SW	2	SSW	2	NNE	0	10	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. ESE
19	NNE	1	NNE	1	ENE	2	SW	2	SSW	2	NW	1	4	Ci.-S.	Cu.	8	Ci.-S.	Cu. E
20	NNE	1	NNE	1	E	1	SE	2	NNW	1	NNE	1	7	Ci.-S. NE	Cu. E	3	Ci.-S.	Cu. ESE
21	NNE	0	NE	1	NE	2	ENE	2	SW	2	N	1	4	Ci.-S.	Cu.	3	Ci.-S.	Cu.
22	N	1	NE	1	ENE	2	SW	2	SSW	2	N	1	7	Ci.-S.	Cu. E	5	Ci.-S.	Cu.-N. ENE
23	NNE	1	NNE	1	NE	2	SW	2	SW	2	N	0	4	Ci.-S.	Cu.	3	Ci.-S.	Cu.
24	N	1	NNE	1	E	2	NE	1	SW	2	Calm	----	10	Ci.-S.	Cu. E	4	Ci.-S.	Cu. ESE
25	NE	0	Calm	----	WSW	1	SW	2	SW	1	NNE	1	10	Ci.-S.	Cu.-N. SE	7	Ci.-S.	Cu.-N. SbyE
26	NNE	1	NE	1	SW	1	SW	2	WSW	2	N	1	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. S
27	N	1	NNE	1	S	1	SW	1	WSW	2	NNE	0	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. SW
28	ESE	1	NE	1	NNE	1	SW	2	SSW	1	NNE	1	10	Ci.-S.	Cu.-N.	7	Ci.-S. NbyW	Cu.-N. SSE
29	N	1	N	1	SW	2	WSW	1	NNE	1	NE	1	10	Ci.-S.	Cu.-N. SE	10	Ci.-S.	Cu.-N. SE
30	NNE	1	NNE	0	ENE	2	ENE	2	NNE	1	NNE	1	9	A.-Cu.	Cu.-N. ENE	8	Ci.-S.	Cu. ENE
31	N	1	NNE	1	E	2	E	1	NNE	1	NNE	1	10	Ci.-S. NW	Cu.	6	Ci.-S.	Cu. E
Mean	------	1.1	------	1	------	1.5	------	2.1	------	1.5	------	0.9	7	------	------	6.9	------	------

OLONGAPO.

[ϕ=14° 49′ N; λ=120° 16′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.71 mm.]

JUNE, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.65	57.67	58.09	56.65	56.91	58.86	25.5	25	32.3	30.5	29.9	27.5	34.3	24.6	90	92	60	68	76	87	------
2	57.85	58.30	58.92	56.79	56.05	58.14	25.7	24.9	32	35.1	32.4	28.4	36	24.4	90	92	62	49	64	74	------
3	57.12	56.91	57.39	55.99	56.33	58.09	25.8	27.4	32.5	35.3	32.1	28.5	35.3	24.9	84	76	57	46	61	80	------
4	57.51	57.95	57.72	56.80	56.58	58.16	26	25.8	31.9	32.5	30.6	26.4	33.6	25.4	88	88	61	63	70	80	------
5	58.07	57.97	57.81	56.53	56.64	58.99	24	23.9	31.9	35.5	32.9	28.4	35.7	23	88	91	64	52	63	75	------
6	57.10	57.30	57.82	56.44	57.07	58.72	26	25.5	32.9	33.5	31.3	28.4	35.2	25.4	85	88	56	58	68	77	------
7	58.08	58.14	58.52	57.03	57.13	58.94	26.3	25.8	33	35.3	31.6	28.6	35.8	25.6	85	85	57	47	65	80	------
8	58.35	58.72	58.88	57.77	57.83	59.66	26.3	25.9	30.3	30.1	31.6	28.2	32.3	25.5	86	88	70	75	70	86	------
9	58.14	58.38	58.88	57.10	57.83	58.94	26.1	25.9	29.4	30.3	29.8	26.9	30.9	25.4	91	89	80	70	72	86	------
10	58.24	58.49	58.50	57	56.66	58.87	25.4	25.3	29.5	30	30	27.6	31.5	24.7	90	90	77	77	74	79	------
11	57.76	58.20	58.31	56.55	56.61	58.33	25.6	25.2	32.9	30.8	31.8	28.5	35.2	24.7	88	90	59	70	66	84	------
12	57.76	57.87	59.11	57.18	57.46	59.22	25.9	25	31.9	34.4	29.6	27.4	35.3	24.6	88	90	58	54	70	81	13.7
13	59.04	59.05	59.89	58.47	59.03	60.70	24.3	23.9	30.5	28.5	26.5	26	33.4	23.5	92	95	71	84	86	94	1.6
14	58.98	59.54	59.77	57.65	57.81	60.03	24.9	24.4	30.4	32.8	31.3	27.9	33.9	24.3	95	96	64	52	66	81	------
15	58.95	59.80	60.02	58	58.77	60.33	26.4	25.5	28.9	29.3	29.1	26.3	29.6	25.3	87	92	78	76	74	89	------
16	58.85	59.45	60.08	58.84	58.47	59.85	24.8	24.1	29.7	28.3	28.4	25.8	30.1	23.9	92	94	72	78	78	88	------
17	59.29	59.54	59.93	58.41	58.79	60.05	24.4	24.4	27.9	28.4	26.5	25	28.8	23.9	92	94	78	82	88	92	9.9
18	59.09	58.91	60.08	58.09	58.07	59.18	24.4	24	24.8	28.3	25	24.4	28.6	23.9	96	96	97	78	91	96	61.7
19	58.24	58.03	58.33	57.51	57.14	57.80	24.5	24.3	27.9	26.4	26.5	27.4	28.2	24.1	96	97	88	88	80	78	35.1
20	57.13	57.03	57.66	56.55	56.51	57.66	23.3	23.9	26.4	27	27	26.4	27.8	23.1	93	97	88	85	79	85	8.7
21	56.13	56.04	56.55	55.84	55.55	56	26.8	26.6	27.1	27.9	26.4	25.9	28.2	25	87	83	80	81	83	92	30.3
22	55.53	56.84	57.02	56.26	56.60	58.47	24.7	23.2	24	27	27.8	23.9	28.7	22.9	97	97	95	80	82	91	9.4
23	57.22	56.91	57.61	57.57	58.28	58.91	23.5	24.3	27.8	28.8	27.9	23.6	29.3	23.2	96	93	82	82	77	96	4.3
24	57.42	58.64	59.05	57.58	57.73	59.79	24.2	22.8	27.3	29.5	29.6	25.7	31.3	22.5	89	94	78	70	70	87	5.1
25	58.18	58.22	58.73	56.99	57.20	58.59	23.8	23.3	30	29.2	28	25.6	32.9	23	94	94	65	76	88	94	4.3
26	57.50	57.72	58.67	56.67	56.73	58.39	24.5	24.1	29.9	29	28.7	27.3	32.3	23.8	96	95	75	81	83	90	.3
27	57.42	57.30	57.76	56.48	57.13	58.88	25.9	25.5	28.7	28.5	27.4	26.2	29.1	25.3	93	96	82	84	89	94	.3
28	57.72	57.37	57.84	57.06	57.46	59.52	24.9	24.4	28.6	29.1	28.8	26.7	29.6	24.2	96	94	82	80	83	93	------
29	58.85	58.95	59.02	57.25	58.12	59.37	25	24	30.5	30.2	29.6	26.5	34	23.8	90	95	68	75	84	92	------
30	58.93	58.94	59.50	57.41	57.91	58.89	25	24.5	31.4	29.3	26.2	25.5	32.7	24.4	95	96	64	83	93	96	6.4
Mean	57.94	58.14	58.58	57.15	57.35	58.91	25.1	24.8	29.7	30.4	29.1	26.7	32	24.3	91	91.9	72.3	71.5	76.4	86.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	191.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	1	NNE	1	NE	2	SW	2	SW	1	NNE	0	3	Ci.-S.	Cu.	3	Ci.-S.	Cu.
2	NNE	1	NNE	1	E	1	NE	1	N	1	NE	1	3	Ci.-S.	Cu.	4	Ci.-S.	Cu. E
3	NNE	1	ENE	2	NE	2	E	2	E	1	NNE	1	1	Ci.-S.	Cu.	2	Ci.-S.	Cu. E
4	N	1	N	1	ENE	2	E	1	E	1	NE	1	10	Ci.-S. SW	Cu.	10	Ci.-S.	Cu. E
5	NNE	1	NNE	1	ENE	2	ENE	1	N	1	N	1	8	Ci.-S. W	Cu.	6	Ci.-S.	Cu. ENE
6	N	1	NNE	1	ENE	2	NE	2	E	1	NNE	1	7	Ci.-S.	Cu. E	8	Ci.-S.	Cu. E
7	NNE	1	NNE	1	ENE	2	ESE	2	NW	2	NNE	1	3	Ci.-S.	Cu.	5	Ci.-S.	Cu.
8	NNE	1	NNE	1	WSW	1	SSW	2	NNE	1	NNE	1	4	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. E
9	NNE	1	NNE	1	WSW	1	SW	2	NW	1	NNE	1	8	Ci.-S. SWbyW	Cu.	7	Ci.-S.	Cu.-N.
10	NNE	1	NNE	1	SW	1	SW	2	NW	2	NNE	1	8	A.-Cu. NNE	Cu.	5	Ci.-S.	Cu.
11	NNE	1	NNE	1	NE	1	SW	2	NW	1	NNE	1	3	Ci.-S.	Cu.	6	Ci.-S.	Cu. NE
12	NNE	1	NNE	1	NE	1	NE	1	NW	1	Calm	----	9	Ci.-S. NEbyN	Cu.	9	Ci.-S.	Cu. E
13	NNE	1	N	1	NE	2	S	2	S	2	NNE	1	8	Ci.-S. ENE	Cu.-N.	10	Ci.-S.	Cu.-N. SE
14	NE	1	NNE	1	E	1	ESE	1	NE	1	SW	2	9	Ci.-S.	Cu.-N.	9	A.-Cu.	Cu. E
15	Calm	----	N	1	SW	2	SW	2	SW	1	NNE	1	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
16	N	1	N	1	N	1	S	2	NW	1	N	1	9	Ci.-S. NEbyE	Cu.-N.	10	Ci.-S.	Cu.-N.SW
17	NNE	1	N	1	SW	2	SSW	2	N	1	S	1	10	A.-Cu. SWbyW	Cu.-N.	10	Ci.-S.	Cu.-N. W
18	N	1	N	1	NW	1	SW	2	NNW	1	ENE	1	9	Ci.-S.	Cu.-N. SSW	9	Ci.-S.	Cu.-N.WSW
19	N	1	NNE	1	NNE	1	Calm	----	W	1	SW	3	10	Ci.-S.	Cu.-N. SWbyW	10	Ci.-S.	Cu.-N. WbyS
20	NW	1	Calm	----	SW	3	SSW	1	W	2	SSW	2	10	A.-Cu.	Cu.-N. SW	10	Ci.-S.	N. SW
21	SSW	2	SSW	2	SSW	2	SW	2	Calm	----	S	1	10	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu.-N.SW
22	NE	1	NE	1	NE	1	NE	1	Calm	----	NNE	1	10	------------	N. SbyE	10	Ci.-S.	Cu.-N. S
23	Calm	----	NE	1	NNE	1	N	1	S	1	E	1	10	A.-Cu. NNE	Cu.	10	Ci.-S.	Cu.-N.
24	NE	1	N	1	W	1	NNE	1	NW	2	Calm	----	9	Ci.-S.	------------	7	Ci.-S.	Cu.
25	NNE	1	N	1	ENE	2	SW	1	Calm	----	N	1	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.NNE
26	N	1	NNE	1	NE	1	SW	2	SW	2	NNE	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
27	NNE	1	NNE	1	SW	1	SW	1	S	1	NNE	1	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
28	NE	1	NE	1	SW	1	WSW	2	S	1	NE	1	10	Ci.-S. NE	Cu.	9	Ci.-S.NNE	Cu.
29	NE	2	NNE	1	ESE	1	SW	1	N	1	NNE	1	9	Ci.-S.	Cu.	8	Ci.-S.	Cu. ESE
30	NNE	1	NNE	1	ESE	1	SW	2	NW	1	N	1	6	Ci.-S. ENE	Cu.	6	Ci.-S.	Cu. EbyN
Mean	-------	1	-------	1	-------	1.4	-------	1.5	-------	1.1	-------	1	7.7	------------	------------	7.9	------------	------------

OLONGAPO.

[ϕ=14° 49′ N; λ=120° 16′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.71 mm.]

JULY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.83	57.68	57.79	56.02	55.82	57.40	24.4	23.9	29.5	29.4	29	26.3	31.5	23.6	97	97	75	78	84	93	------
2	56.16	55.76	56.60	55.10	55.56	57.26	24.9	24.4	30.5	29.5	29.1	27.1	33	23.7	96	96	65	75	74	87	------
3	56.36	56.17	56.94	55.31	55.86	57.94	25.1	24.5	31.6	29.9	29.1	26	33.4	24.1	91	91	60	71	81	87	1.5
4	57.09	56.77	57.75	56.49	56.42	58.52	25.4	24.6	28.3	29.4	28.9	24.9	29.9	24.5	92	95	75	71	76	87	3.2
5	57.82	57.38	57.88	56.52	56.27	58.14	24.1	23.9	29.5	31.4	29.8	26.6	32.3	23.6	94	92	67	60	69	90	4
6	57.89	57.55	57.92	56.48	56.34	57.74	24.8	24	29.4	29.9	28.1	25.1	31.7	23.7	90	92	67	67	79	90	13.3
7	56.51	56.95	57.71	56.53	55.89	57.20	24.1	23.6	25	27	26.4	25.1	27.8	23.4	94	94	92	83	85	92	12.2
8	56.26	56.81	57.23	56.36	57.04	58.22	25.1	24.6	27	26.9	25.4	24.1	28.4	23.8	90	92	83	77	92	96	23.5
9	57.26	57.11	57.71	56.60	57.26	58.30	23.6	23.8	27.6	27	25	25	28	23.5	97	97	72	83	88	88	29.9
10	57.32	57.41	57.56	56.71	56.42	58.26	23.5	23.2	27.8	26.1	26	25.5	28.3	23	98	97	74	93	95	88	62.8
11	57.33	56.47	57.19	55.88	56.80	58.06	23.5	22.8	26.9	28.9	25	24.1	29.6	22.5	94	97	84	74	94	94	18.5
12	56.37	56.13	57.48	56.12	55.76	57.40	23.6	23.3	25.3	26	25.3	23.7	26.8	23	97	97	91	89	91	97	5.6
13	55.95	55.82	57.28	55.73	56.20	57.75	24.1	24	22.6	25	25.1	24.9	25.6	22.3	96	96	98	94	93	88	206.7
14	56.72	57.13	58.34	57.04	57.43	59.21	23.1	24.6	26.1	27.9	24.5	23.5	28.2	22.9	98	91	85	71	93	98	6.3
15	57.67	58.19	58.43	57.97	58.33	60.13	23.5	23.3	27.2	29.4	28.6	24.5	30.5	23	97	97	84	78	74	91	9.1
16	59.26	58.97	60.03	58.15	58.39	59.88	23.2	23.1	28.4	30.9	28.4	24.6	32.4	22.6	94	95	77	62	77	95	5.3
17	57.90	57.18	57.23	55.83	55.97	57.70	23.7	23.5	25.2	28.1	25.9	25.4	28.9	23.2	97	98	98	79	85	88	4.5
18	56.76	56.40	57.23	56.04	56.65	58.67	24.5	24.9	29.2	29.8	27.4	25.6	31.3	24.4	92	92	76	69	84	91	.5
19	58.10	58.27	58.47	57.98	58.50	60.05	25.3	24.7	28.8	28.3	26.8	26.4	29	24.5	93	95	80	75	89	85	2.3
20	58.63	58.99	59.36	58.60	58.26	59.36	24.5	23.9	28.1	25.9	25.9	25	28.5	23.6	96	96	71	88	91	95	.1
21	57.92	58.03	58.63	57.04	57.38	58.24	23.6	23	26.9	27.5	26.3	25.1	27.8	22.6	97	96	84	81	89	94	.8
22	57.27	57.29	57.52	56.68	56.34	58.35	23.7	23	28.4	27.3	27.9	25.5	28.9	22.8	97	98	77	84	81	96	12.7
23	57.34	57.17	57.72	56.22	55.98	57.40	24.8	24.2	29.3	27.7	27.9	25.9	31	24.1	97	97	79	83	91	94	22.6
24	56.60	56.15	56.69	55.37	55.40	56.46	25.1	24.9	29.4	28	28	26.2	30.4	24.7	96	97	78	85	84	94	------
25	55.72	55.01	55.93	55.05	55.84	56.01	25.5	24.3	27.4	27.5	24.9	24.3	28.4	23.7	94	97	87	85	96	97	21.7
26	55.10	54.70	55.42	54.13	54.47	55.71	23.6	24	26	27.5	26.1	25.9	28.1	23.5	99	99	91	84	90	88	80.1
27	54.06	54.12	54.78	53.15	52.86	53.78	26	25.7	27.4	27	27	26.5	27.6	24.6	87	89	81	87	87	90	79.4
28	51.65	51.06	52.65	50.96	50.46	51.35	26.8	27.1	26.5	27.4	27.4	26.4	28.1	23.5	88	87	90	85	86	90	81.1
29	50.39	49.89	52.16	52.35	52.56	54.99	24.5	27.5	26.6	26.9	27	25.3	28.7	23.5	92	81	81	80	78	93	88.9
30	55.23	55.65	57.92	56.34	56.90	57.91	24.3	24.1	24.3	25.8	26.5	25	26.9	23.9	92	96	97	93	90	96	68.4
31	56.93	57.43	58.44	57.53	57.05	58.18	24.2	23.7	26.3	27.5	26.5	26.3	29.3	23.4	97	98	93	90	90	93	11.2
Mean	56.56	56.44	57.23	56.01	56.14	57.60	24.4	24.2	27.5	28	26.9	25.3	29.4	23.5	94.5	94.6	81	79.8	85.7	91.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	876.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	NNE	1	E	1	SW	1	NW	2	N	1	7	Ci.-S. NE	Cu.	9	Ci.-S.	Cu. NEbyE
2	N	1	NNE	1	E	1	SW	2	S	1	N	1	6	Ci.-S. NEbyN	Cu.	7	Ci.-S. EbyN	Cu.
3	NNE	2	NNE	1	NE	1	SW	2	Calm	----	NNE	1	7	Ci.-S.	Cu.	7	Ci.-S.	Cu. ESE
4	Calm	----	NNE	1	ENE	2	NNE	2	E	1	NNE	1	9	Ci.-S. NE	Cu.	10	Ci.-S.	Cu.
5	NNE	1	NE	1	E	2	NE	2	ENE	1	NNE	1	8	Ci.-S.	Cu.	8	Ci.-S.	Cu. E
6	NE	2	NNE	1	ENE	2	ENE	1	ESE	1	NNE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
7	ESE	1	E	1	NE	2	NNE	1	NE	1	Calm	----	10	Ci.-S.	Cu.-N. SE	10	Ci.-S.	Cu.-N.
8	NE	2	ESE	1	ENE	2	S	2	WSW	2	NNE	0	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. SbyE
9	Calm	----	NE	1	S	2	S	2	S	2	NE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. SWbyS
10	NNE	1	NNE	1	SW	2	N	1	NNW	1	N	1	10	A.-Cu.	N. SSW	10	Ci.-S.	Cu.-N. SW
11	NW	1	N	1	Calm	----	WSW	2	WNW	1	E	1	9	Ci.-S. N	Cu.-N.	10	Ci.-S.	Cu.
12	N	1	N	1	WNW	1	SW	3	NW	2	NE	1	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. W
13	NE	1	NE	1	ESE	1	SSW	3	SW	4	SSW	2	10	Ci.-S.	N.	10	------	N. SSW
14	NNE	1	SSE	1	SE	1	SW	1	NNE	1	N	2	10	Ci.-S.	Cu.-N. SbyW	10	Ci.-S.	Cu.-N.
15	Calm	----	WSW	1	ENE	2	WSW	1	WSW	1	NNE	1	10	Ci.-S.	N.	10	Ci.-S.	Cu. SSE
16	NE	1	N	1	WNW	1	NNW	2	NW	2	Calm	----	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. N
17	NNE	1	NNE	1	NNE	1	E	2	E	1	ESE	2	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu. EbyN
18	Calm	----	NE	1	ENE	2	NW	1	N	1	NNE	1	8	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu. SbyE
19	SE	2	E	1	E	1	SW	2	NNE	1	WSW	2	10	Ci.-S.	Cu.-N. SbyE	10	Ci.-S.	Cu.-N. S
20	NNE	1	NNE	1	SW	1	SW	3	Calm	----	N	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. SW
21	N	1	NNE	1	SW	1	SW	3	NW	1	N	1	8	Ci.-S.	Cu.-N.	9	A.-Cu.	Cu.-N.
22	NNE	1	NNE	1	SSW	1	SW	2	SW	2	NNE	1	5	Ci.-S.	Cu.	8	A.-Cu.	Cu.-N. SSW
23	NNE	1	NE	1	ENE	1	SSE	1	NNE	1	NNE	1	9	Ci.-S.	Cu.	10	Ci.-S.	N.
24	NNE	1	NNE	1	NNE	1	SSE	2	SSW	1	NE	1	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
25	NNE	1	NNE	1	S by E	2	W	2	SW	1	Calm	----	10	Ci.-S.	Cu.-N. SbyW	10	Ci.-S.	Cu.-N. WSW
26	NNE	0	NNE	1	NW	1	NW	1	W	1	WNW	1	10	------	N. SW	10	Ci.-S.	Cu.-N. WSW
27	W	2	WNW	2	WSW	3	SSW	3	SW	5	SW	7	10	------	N. SWbyW	10	Ci.-S.	Cu.-N. SWbyW
28	SW	5	SSW	5	SW	5	SW	5	SW	7	SW	6	10	Ci.-S.	Cu.-N. SWbyW	10	Ci.-S.	N. SWbyW
29	SW	6	WSW	7	W	6	WSW	3	W	2	NW	1	10	Ci.-S.	Cu.-N. SWbyW	10	Ci.-S.	Cu.-N. W
30	NE	1	Calm	----	S by E	1	Calm	----	SW	2	NW	1	10	------	N.	10	Ci.-S.	Cu.-N. W
31	NNE	1	Calm	----	WSW	1	W	1	NW	2	SSE	1	9	Ci.-S.	Cu.-N. WbyN	9	Ci.-S.	Cu.-N. WbyN
Mean	-------	1.3	-------	1.3	-------	1.6	-------	1.9	-------	1.6	-------	1.4	9.1	------	------	9.4	------	------

OLONGAPO.

[φ=14° 49′ N; λ=120° 16′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.71 mm.]

AUGUST, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.47	57.50	58.12	56.77	56.65	58.06	25.4	25.4	27.8	28.4	26.4	25.4	28.4	25.2	97	96	82	82	92	97	19.5
2	56.81	56.51	56.95	56.08	55.84	57.27	24.5	24.6	28.3	28	27.5	24.5	29.3	24.1	97	97	82	85	87	96	25.9
3	56.60	56.46	57.21	56.41	55.99	57.66	24.4	25.1	26.5	25.2	25.9	25.1	27.2	24	97	93	87	95	93	98	37.3
4	57	57.15	57.59	56.18	56.46	58	24.5	24.9	26.3	27.9	26.5	24.8	28.4	24.4	98	93	91	80	91	92	19.4
5	57.56	56.83	58.14	57.04	57.42	58.49	24.3	24.4	25.6	27.4	25.3	24	27.5	23.9	97	96	96	84	96	97	31.7
6	57.76	57.56	58.15	57.72	57.80	59.74	23.7	24.5	25.4	26.5	24.9	24.3	27.1	23.4	98	99	96	92	95	97	144.4
7	58.08	57.88	58.73	57.38	57.54	59.30	24	24.3	27.2	28.2	27.9	25.8	28.2	24	99	99	87	83	84	93	.8
8	58.59	58.81	59.48	58.04	57.67	59.59	24.4	23.9	27.8	28.4	28.4	25.9	28.9	23.8	97	97	80	78	72	91	------
9	58.48	58.96	59.83	58.93	59.19	60.42	23.5	22.9	28.3	29.4	28.9	26.5	30	22.8	96	97	76	62	71	86	------
10	59.12	59.24	59.82	58.64	58.48	60.45	25.1	24.4	28.1	28.4	28.4	26	28.7	24.3	91	92	79	78	77	88	------
11	58.99	59.08	59.36	57.56	57.63	59.45	24.6	24	28.3	28.9	28.6	25.9	29.3	23.9	93	95	75	78	77	88	------
12	58.07	58.17	58.53	57.09	56.78	58.47	24.7	23.9	28.4	28.5	29.6	26	31	23.6	92	94	78	80	70	88	------
13	58.07	58.68	59.49	57.96	58.01	59.92	24.5	23.8	28.4	28.9	28.9	26.5	29.3	23.5	95	93	72	76	76	89	------
14	58.76	58.76	59.32	58.16	58.54	59.99	24.7	24.2	28.8	29.2	28.7	26	30	24	93	95	78	76	73	84	------
15	59	58.58	59.29	57.57	56.99	58.58	23.9	23.5	28	28.4	27.9	25.8	29.2	23.3	92	95	81	78	86	93	2.3
16	57.80	57.59	58.55	56.57	56.39	57.69	25	24.3	26.5	28.5	27.9	25.5	29.8	24.8	95	93	87	73	75	90	1
17	57.06	57.31	57.88	56.68	56.99	58.54	24.1	24.7	27.5	28.6	28.4	26.2	30.2	23.7	94	91	79	76	75	86	1.4
18	57.95	57.97	58.84	57.73	58.34	59.58	24.3	23.7	27.9	28	26.5	25.5	29.3	23.3	92	93	79	82	88	92	------
19	58.95	58.71	59.78	58.09	57.79	59.64	24.9	24.5	26.6	28.1	27.9	25.9	28.5	24.5	92	95	87	79	77	91	.8
20	58.70	58.53	58.64	57.02	57.23	58.72	24.2	23.8	29.9	28.4	28.4	26	30.3	23.6	93	93	68	78	78	89	------
21	57.75	58.23	59.11	57.60	57.89	59.10	24.5	23.8	28.5	27.6	29.5	26.1	31.5	23.6	92	93	73	82	75	87	.8
22	58.22	58.61	58.65	57.26	57.63	59.74	24.3	23.3	31.4	30.6	28.7	24	33.8	23.2	92	93	62	76	79	91	15.1
23	58.46	58.26	59.12	57.15	57.19	58.97	23.4	23.3	30.5	33.6	30.3	27	34	23.1	95	93	66	56	72	87	------
24	58.14	58.53	59.10	57.29	57.56	58.91	25.8	23.7	31.3	33.9	29.8	27.3	34.5	23.5	92	93	59	53	75	86	------
25	58.07	58.31	58.55	56.96	57.11	58.28	25	24.5	30.9	29.9	30.5	27.4	33.9	24.5	91	92	61	69	70	77	------
26	57.32	58.10	58.06	56.08	56.83	58.44	25.3	24.5	31.3	30.8	29.8	27	33.2	24.2	88	95	60	73	76	84	------
27	57.59	58.17	58.76	56.56	57.38	59	25.5	24.8	32	30.7	29.7	25.2	34.7	24.6	88	90	60	70	76	92	5.4
28	58.23	58.15	58.79	56.87	57.11	58.59	24.4	24.1	30.2	30.6	30.2	25	33.3	23.8	91	94	71	74	70	91	------
29	57.91	57.55	58.28	56.75	57.19	58.64	24.6	24	31.5	30.6	29.4	26	34.5	23.9	94	95	67	64	77	89	1
30	57.60	57.58	58.45	56.41	56.62	58.42	24.6	24.1	31.5	30.4	29.9	25.8	33.9	24	94	94	65	72	75	93	2.3
31	57.80	57.87	58.62	56.49	56.82	58.74	25.6	24.3	30.1	32	29.7	26	33.9	24.1	95	97	69	69	77	89	------
Mean	58	58.05	58.68	57.19	57.32	58.92	24.6	24.2	28.7	29.2	28.4	25.8	30.7	23.9	93.9	94.4	75.9	75.9	79.2	90	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	309.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	E	1	ENE	1	SSW	2	SSW	4	SSW	1	Calm	----	8	A.-Cu.	Cu. WbyS	9	Ci.-S.	Cu.-N. WbyS
2	Calm	----	NNE	1	WSW	2	SW	2	Calm	----	Calm	----	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. WbyS
3	E	1	SbyE	1	WSW	2	NNE	1	NNE	1	Calm	----	10	Ci.-S.	Cu.-N. SbyW	10	Ci.-S.	Cu.-N. SW
4	E	1	Calm	----	SW	2	SW	2	NNE	1	ESE	1	10	------------	Cu.-N. SW	6	Ci.-S.	Cu.-N. SW
5	NNE	0	NNW	1	SW	3	SW	3	W	2	N	1	10	Ci.-S.	Cu.-N.	9	A.-Cu.	Cu.-N. SW
6	NNE	1	Calm	----	S	2	S	1	WSW	1	NNE	1	10	Ci.-S.	N. SW	10	Ci.-S.	Cu.-N. SW
7	N	1	N	1	SW	2	SW	2	WSW	2	N	1	8	A.-Cu.	Cu.-N. SW	5	A.-Cu.	Cu.-N. W
8	N	1	N	1	SW	2	SW	2	W	1	N	1	10	Ci.-S.	Cu.	7	Ci.-S.	Cu. W
9	N	1	N	1	WSW	2	WbyS	2	WbyN	1	N	1	8	Ci.-S.	Cu. WbyS	9	Ci.-S.	Cu.
10	N	1	N	1	SW	3	SW	3	WbyS	2	Calm	----	10	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. W
11	NNW	1	N	1	S	1	SSW	3	SW	2	NW	1	8	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N. WbyN
12	N	1	NNE	1	WSW	1	SSW	2	NNW	1	N	1	7	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
13	N	1	N	1	WSW	1	SSW	2	N	1	NNE	1	10	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
14	NNE	1	NNE	1	WSW	1	SW	2	NW	2	NNE	1	2	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
15	NNE	1	NbyE	1	SSW	1	SSW	2	NNE	1	N	1	9	Ci.-S.	Cu.	9	A.-Cu.	Cu.-N.
16	NNE	0	ESE	1	WNW	2	WSW	1	NW	1	NE	1	8	Ci.-S.	Cu.-N. W	8	Ci.-S.	Cu.-N. WNW
17	N	1	Calm	----	SW	1	SSW	2	N	2	SSW	3	9	Ci.-S.	Cu.-N. W	8	A.-Cu.	Cu.-N. W
18	NNE	1	NNE	1	SW	1	SSW	3	E	1	NNE	1	9	Ci.-S.	Cu.-N.NW	8	Ci.-S.	Cu.-N.
19	NNE	1	NNE	1	W	1	SSW	2	S	1	NNE	1	10	Ci.-S.	Cu.-N. SSW	8	Ci.-S.	Cu.-N.SW
20	NNE	1	NNE	1	SE	1	SSW	2	SSW	1	NNE	1	8	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
21	NNE	2	NNE	1	W	1	WNW	1	ENE	1	NNE	1	5	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
22	NNE	1	NNE	1	E	2	WNW	1	NNW	2	NE	1	4	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
23	NNE	1	NNE	2	E	2	E	2	NW	2	NNE	1	7	Ci.-S.	Cu.	2	Ci.-S.	Cu.
24	NNE	1	NNE	1	ENE	2	E	1	NW	1	NNE	1	1	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N. EbyS
25	NNE	1	NNE	1	ESE	1	SW	2	NW	2	NE	1	2	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
26	NNE	1	NNE	1	ENE	2	SW	2	Calm	----	ENE	1	9	Ci.-S.	Cu.	6	Ci.-S.	Cu.
27	NNE	1	NNE	1	ENE	2	SSW	2	Calm	----	Calm	----	4	Ci.-S.	Cu.	3	Ci.-S.	Cu.
28	NNE	1	NNE	1	E	1	S	1	NNE	1	NNE	1	9	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.
29	NNE	1	NNE	1	NE	2	NW	2	N	1	NbyE	1	4	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
30	NbyE	1	NNE	1	E	2	SW	2	NW	1	NNE	1	2	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
31	NNE	1	NNE	1	E	2	NW	1	NNE	1	NNE	1	8	Ci.-S.	Cu.	9	Ci.-S.	Cu. ENE
Mean	------	0.9	------	0.9	------	1.7	------	1.9	------	1.2	------	0.9	7.3	------	------	7	------	------

OLONGAPO.

[φ=14° 49′ N; λ=120° 16′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.71 mm.]

SEPTEMBER, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.08	58.13	58.26	56.44	57.28	58.92	24.6	23.9	31.4	32.3	29.9	26.7	34.7	23.7	93	96	66	64	82	93	1.3
2	57.96	58.11	58.71	57.11	57.14	58.38	25.5	24.3	31	31.8	29.5	26.5	34.3	24.3	95	97	67	64	77	91	------
3	57.47	58.16	58.42	56.84	57.57	58.90	24.8	24.9	27.8	32.9	26.5	24.7	32.9	23.9	96	93	78	60	94	99	9.9
4	57.96	57.81	58.13	56.12	56.36	57.89	24.4	23.9	27	30.9	28.8	26.7	32.5	23.9	99	99	80	57	78	87	------
5	56.64	56.37	57.21	55.04	55.69	57.29	25.1	24.1	29.7	28.4	27.1	26	31.1	24	91	93	66	81	83	92	3.3
6	55.91	56.15	56.54	54.81	54.31	55.44	23.9	23.8	28.6	26.9	27	25.4	30	23.6	94	93	76	83	83	92	10.2
7	54.20	54.54	55.54	54.40	54.29	56.34	24.9	25.4	26.9	27.5	26.9	25	28.2	24.5	92	92	84	77	87	95	15.8
8	55.18	55	56.15	53.94	54.45	56.15	24.8	24.9	25.3	25.9	26.2	26.8	27.7	24.5	95	92	93	91	94	80	39
9	54.76	55.35	56.39	55.47	56.59	57.67	27.9	27.5	27.4	26.4	26.2	25.4	28.1	24.6	82	80	81	85	90	95	43.8
10	56.42	57	58.12	56.29	56.97	59.16	25.5	25	28	27.6	25.9	24.4	28.2	24.2	96	95	82	82	85	97	56.5
11	57.06	57.65	58.37	56.33	56.36	57.82	24.9	25.3	26.2	26.7	26.6	24.9	27.2	24	92	90	88	86	80	96	22.7
12	56.26	55.83	56.48	54.95	55.39	56.36	24	24.2	26.8	25.7	26	24.4	26.8	23.9	98	97	87	93	90	96	13.3
13	55.38	55.02	56.32	54.63	54.69	56.16	23.3	23.3	29.4	29	27.6	25.9	30.5	23	97	97	75	75	85	91	------
14	55.21	55.06	55.27	54.04	53.89	55.54	24.9	24.6	28.3	28.3	27.9	27.5	28.6	24.4	96	95	78	82	88	87	6.2
15	54.15	54.11	55.47	54.12	54.45	56.59	27.9	26.6	28.4	28.4	27.2	24.6	28.9	24.3	88	90	85	85	90	98	58.1
16	55.47	55.72	57.56	56.64	56.29	58.15	24.8	24.4	25.1	25.4	25.5	24.9	26.7	24.1	98	97	94	88	95	92	27.5
17	56.61	56.17	56.68	55.62	55.61	55.70	26.4	24.9	27	24.7	24.3	27.4	27.9	23.5	84	94	90	97	96	89	111.1
18	55.05	54.37	55	53.16	53.38	55.18	26	25.9	25.5	25.7	25.6	25.3	26.9	24	89	89	97	98	93	94	57.2
19	53.89	54.02	50.07	54.14	54.36	56.13	26.6	25.6	26.9	26.2	25.2	24.8	27.1	23	92	94	89	93	98	93	92.5
20	55.11	55.61	57.02	55.93	56.44	57.32	25	24.5	25.2	24.9	26	24	26.1	23.5	92	97	89	92	95	99	22.4
21	56.45	56.63	57.99	56.70	57.48	59.02	24.2	24.4	28	28.2	27.8	27.8	28.8	23.8	100	100	81	80	86	79	------
22	58.28	58.90	60.17	58.78	58.71	60.32	25.8	24.4	28	28.4	27.7	25.4	28.6	24.2	89	92	77	73	79	92	------
23	60.01	60.18	60.74	58.70	59.21	60.15	24	23.1	28	29.3	27.9	26.1	30.7	23	94	95	75	74	83	88	------
24	58.60	59.53	59	57.08	57.15	58.40	24.5	24	27	30.9	28.4	25.3	31.5	23.8	95	95	87	66	82	88	2.9
25	57.02	57.11	57.76	56.06	56.91	57.98	25.3	24.4	29.4	26.9	25.3	24.4	30.1	24.3	92	95	71	83	92	96	20.8
26	57.26	57.82	59.29	57.92	58.72	60.80	23.8	23.3	26.4	27.5	27.4	26	28	23.1	96	95	86	80	78	90	5.3
27	60.50	61.31	61.50	60.34	61	62.61	23.9	23.9	27	27.7	27.3	25.3	28.1	23.6	93	95	80	75	77	90	------
28	60.65	60.72	61.61	60	59.84	60.48	24.1	22.9	28.1	26.4	26.9	24.6	29.2	22.9	91	93	77	84	88	92	.3
29	58.75	58.91	59.27	56.81	56.92	58.47	23.5	23	27.9	28.9	27.9	25.7	29.4	22.9	95	95	77	73	79	89	------
30	57.48	57.78	58.42	57.08	57.18	58.35	24.3	23	30.8	27.9	27.5	24.9	32.1	22.7	91	94	60	80	84	92	5.8
Mean	56.79	56.97	57.75	56.18	56.49	57.92	25	24.4	27.8	27.9	27	25.6	29.4	23.8	93.2	94	80.5	80	86.4	91.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	625.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	1	NbyE	1	NE	2	SSW	1	NNE	1	NNE	1	9	Ci.-S.	Cu.	8	Ci.-S.	Cu. ENE
2	NNE	1	NbyE	1	NNE	1	S	2	NNW	1	NNE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. E
3	NNE	1	N	1	NNE	1	NE	2	NNE	1	NbyE	1	10	Ci.-S.	Cu.-N. E	9	A.-Cu.	Cu.-N. ESE
4	NE	1	NE	1	E	2	ESE	1	NE	1	NNE	1	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
5	NNE	1	NNE	1	E	1	SW	2	S	1	NNE	1	9	Ci.-S.	Cu. E	9	Ci.-S.	Cu.-N. EbyN
6	NbyE	1	NNE	1	NE	2	Calm	----	ENE	1	NNE	1	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. SEbyS
7	E	2	E	2	SbyE	2	S	2	SSW	2	NNE	1	9	Ci.-S.	Cu.-N. SSW	9	Ci.-S.	Cu.-N. SbyW
8	SSW	2	Calm	----	SbyW	1	SSW	1	WSW	3	SW	3	10	Ci.-S.	Cu.-N. SW	10	------	N. SSW
9	SSW	2	WSW	4	SSW	2	WSW	2	S	2	N	1	10	Ci.-S.	Cu.-N. SWbyW	10	Ci.-S.	Cu.-N.
10	WSW	2	N	1	SW	3	SSW	3	S	1	S	1	10	Ci.-S.	N. SW	10	Ci.-S.	Cu.-N. SW
11	SW	2	S	2	SW	3	SW	3	SW	2	N	1	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. SW
12	NNE	1	NE	1	SSW	1	SSW	2	SbyW	1	S	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	N.
13	NNE	1	NNE	1	E	1	WbyS	1	SSW	2	NNE	1	9	A.-Cu.	Cu.	6	Ci.-S.	Cu.
14	NNE	1	N	1	SW	2	SW	3	SSW	2	SSW	2	6	A.-Cu.	Cu. SbyW	7	Ci.-S.	Cu. SSW
15	WSW	3	SSW	2	SW	3	SW	3	SSW	1	N	1	10	Ci.-S.	Cu.-N. SWbyW	10	Ci.-S.	Cu.-N. SW
16	Calm	----	NNE	1	SW	3	WbyS	2	SW	2	Calm	----	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. WbyS
17	WSW	2	W	2	SW	3	N	1	WSW	1	SW	4	10	Ci.-S.	N. WbyS	10	Ci.-S.	Cu.-N. WbyS
18	WSW	4	WSW	4	SW	4	SW	4	WSW	7	WSW	6	10	Ci.-S.	Cu.-N. WbyS	10	------	N. SW
19	SW	6	SW	6	SW	5	SW	5	S	2	SSW	3	10	------	Cu.-N. SW	10	Ci.-S.	N. SW
20	WSW	6	SSW	2	WSW	4	WSW	4	SSW	4	N	1	10	Ci.-S.	Cu.-N. SWbyS	10	Ci.-S.	N. WSW
21	Calm	----	N	1	SSW	2	SW	2	SW	2	SSW	2	10	Ci.-S.	Cu.-N. SWbyS	10	Ci.-S.	Cu.-N. SSW
22	N	1	NNE	1	SW	2	SW	2	SSW	2	NNE	1	9	Ci.-S.	Cu.-N. SbyW	9	Ci.-S.	Cu.
23	NNE	1	NNE	1	W	1	WNW	1	Calm	----	N	1	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. WNW
24	NNE	1	NNE	1	E	1	NE	1	NNE	1	NNE	1	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu. EbyN
25	E	2	NNE	1	ENE	2	SSW	2	NNE	1	E	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. SSW
26	NNE	1	NNE	1	SSW	1	S	2	SSW	2	S	2	8	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
27	NNE	1	E	1	ESE	1	SSW	2	SSW	1	NNE	1	8	A.-Cu.	Cu.-N.	8	Ci.-S.	Cu.
28	NNE	2	NNE	1	W	1	N	1	NbyW	1	NNE	1	3	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
29	NNE	1	NNE	2	W	1	SW	2	NW	2	NNE	1	3	A.-Cu.	Cu.	6	Ci.-S.	Cu.-N. NEbyE
30	NNE	1	NNE	1	E	2	SW	2	NW	2	NNE	1	6	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. NE
Mean	------	1.7	------	1.5	------	2	------	2	------	1.7	------	1.5	8.9	------	------	9	------	------

OLONGAPO.

[ϕ=14° 49′ N; λ=120° 16′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.71 mm.]

OCTOBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.42	57.73	58.61	56.36	57.12	58.37	23.8	23	30.5	32.5	28.4	26.9	33.3	23	92	95	60	57	78	91	0.8
2	57.45	57.57	57.32	54.99	55.88	57.04	24.6	23.9	28	28.9	28.6	26.6	29.8	23.8	92	93	80	75	74	87	13.4
3	55.65	56.06	56.62	54.68	55.56	56.70	24.8	24.4	27	28.9	26.4	24.9	29.9	24.3	93	92	84	78	84	92	15.9
4	55.51	55.75	56.24	54.76	55.09	56.69	24.3	24.3	27.5	26.3	25.9	24.6	28.1	23.9	93	94	84	86	90	94	8
5	55.04	55.72	56.34	54.19	55	55.76	23.9	23.8	28.9	30.4	26.4	25.4	31.4	23.5	96	96	74	61	80	89	------
6	54.52	54.75	55.91	54.43	55.31	56.92	25.2	24.6	27.1	26.9	26	25.1	29.4	24.4	91	91	81	77	91	95	24.8
7	55.69	56.25	57.69	56.15	57.55	59.54	24.5	24.4	25.9	26.8	24	23.5	27.8	23.5	95	96	89	89	95	97	91.9
8	58.07	58.22	59.46	57.37	58.18	59.72	23.6	23.5	28.9	28.8	27.1	25.4	28.9	23.4	97	97	75	71	87	93	4.4
9	58.51	58.95	59.72	57.51	58.32	59.65	24.5	24.3	27.8	27	27.3	25.6	28.5	24.2	95	96	82	90	86	90	4.7
10	58.25	58.59	59.30	56.87	56.84	58.24	24.4	23.1	27.6	29.3	27.9	25.9	32	23	92	95	76	72	78	91	------
11	56.96	57.72	57.94	56.80	57.65	59.17	24.9	24.1	28.2	28.9	27.9	24.9	30.5	23.9	92	94	74	75	78	92	------
12	58.41	59.15	59.60	57.44	58.36	60.19	24.3	23.5	31.4	32.9	28.9	25.5	33.3	23.3	91	94	62	58	81	89	------
13	59.29	59.76	60.06	57.50	57.93	59.63	23.9	23	31	33.4	28.8	26	33.9	22.8	91	95	61	45	71	87	------
14	58.79	58.95	59.36	56.74	57.07	58.13	23.9	23.3	30.5	29.8	28.8	26.9	33	23.1	91	93	65	73	78	88	------
15	56.99	57.41	58.09	55.82	55.97	57.03	24.9	23.6	28.9	29.4	28.9	26.7	32	23.6	92	96	74	74	74	90	------
16	55.89	55.97	56.32	54.01	53.59	54.06	24.9	23.8	29.4	33.4	29.3	28	34.3	23.8	92	96	77	58	76	85	------
17	52.04	51.34	52.19	49.73	49.23	49.64	27.2	27.3	25.8	28.9	28	28.4	28.9	25.2	88	88	93	74	84	85	43.8
18	48.76	50.30	52.34	51.10	52.29	54.42	28.6	29.1	28.5	28.5	28.5	28.1	29.7	25	68	67	85	86	85	85	.5
19	53.83	54.30	56.30	54.48	56	57.37	27.2	26.9	28.2	28.4	26.1	25.4	28.6	25.2	92	90	86	85	91	97	10.8
20	56.45	57.73	58.34	56.64	57.42	59.29	24.9	24.5	28.9	28.5	27.9	25.5	29.3	24.4	98	98	78	85	88	96	------
21	58.76	59.71	59.76	57.96	58.57	59.69	24.9	24.5	28.8	28.8	27.9	25.9	30.4	24.4	96	98	79	86	88	96	------
22	59.02	59.51	60.06	57.31	57.99	58.86	25.2	24.2	28.3	30.2	28.5	27.4	31.6	24.1	98	97	85	79	85	91	------
23	57.85	57.46	58.08	55.28	54.74	54.56	25.1	24.1	28.4	30.3	27.6	26.1	31.7	24.1	97	98	80	72	86	91	23.5
24	50	47.66	52.96	53.85	55.89	57.59	26.5	27.3	24.7	25.9	23.6	24.6	27.6	23.6	88	81	100	81	90	92	115.6
25	56.88	57.99	58.95	57.90	58.53	60.15	24	25.3	29.9	26.9	26.7	25.4	31.2	23.9	95	93	75	90	92	93	3.8
26	59.35	59.70	59.72	57.73	58.51	60.24	24.4	23.7	30.5	31.5	28.3	25.5	32.8	23.7	97	97	71	65	85	92	------
27	59.24	58.88	59.45	57.04	57.69	59.64	23.7	23.6	30.9	32.4	28.9	25.8	32.4	23.6	93	94	63	63	78	89	.3
28	58.09	57.17	58.74	56.63	57.10	58.34	24.9	24.1	30.5	30.4	27.2	26.4	32	23.6	84	91	62	70	83	88	------
29	57.21	57.52	59.25	57.35	57.69	59.32	25.9	25.7	27.9	28.3	27.4	24.6	29.2	24.6	84	86	79	81	88	94	.6
30	57.29	57.61	57.97	56.29	57.34	58.97	25.1	24.8	30.4	29.9	27.1	25.9	32.1	24.5	94	85	68	69	78	80	------
31	57.70	58.11	59.43	57.52	58.44	60.30	25.4	25.1	30.4	30.9	27.8	25.5	32.6	25	82	82	66	68	79	88	------
Mean	56.61	56.89	57.81	55.88	56.54	57.91	24.9	24.5	28.7	29.5	27.5	25.9	30.8	23.9	91.6	92.2	76.4	74	83.3	90.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	362.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	1	NNE	1	ESE	2	NW	2	NW	2	E	1	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. NE
2	NNE	1	NNE	1	SW	2	SW	3	SW	1	NW	2	9	Ci.-S.	Cu. NW	9	Ci.-S.	Cu. WNW
3	NNE	1	ENE	1	SW	1	swbys	3	NW	1	NNE	1	10	Ci.-S.	Cu.-N. swbyw	7	Ci.-S.	Cu.
4	NNE	1	NE	1	SW	1	Calm	----	Calm	----	NE	1	8	Ci.-S.	Cu.-N SW	10	Ci.-S.	Cu.-N.
5	Calm	----	NNE	1	NW	2	NW	2	NW	2	NW	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
6	WNW	1	NW	2	W	1	WSW	2	NNE	1	NNE	1	10	Ci.-S.	Cu.-N. WbyN	10	A.-Cu.	Cu.-N. W
7	NNE	1	ENE	1	ESE	1	S	2	ESE	1	NNE	1	10	A.-Cu.	Cu.-N. S	10	Ci.-S.	Cu.-N. SbyW
8	Calm	----	NNE	1	S	1	SW	2	NNW	1	Calm	----	10	A.-Cu.	Cu.-N. SbyW	8	Ci.-S.	Cu.
9	NNE	1	NNE	1	WSW	1	NNE	1	Calm	----	N	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
10	NNE	1	NNE	1	W	1	WbyS	1	NW	2	NNE	1	5	Ci.-S.	Cu.	5	Ci.-S.	Cu.
11	NNE	1	NNE	1	E	1	NNE	2	ESE	1	NNE	1	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. E
12	NNE	1	NNE	1	E	2	NNE	2	NNE	1	NNE	1	4	Ci.-S.	Cu.	6	Ci.-S.	Cu. ENE
13	NNE	1	NNE	1	ENE	2	E	2	NW	2	NNE	1	1	Ci.-S.	Cu.	2	Ci.-S.	Cu.
14	NNE	1	NNE	1	SE	2	SW	3	NNW	2	NNE	1	3	Ci.-S.	Cu.	6	Ci.-S.	Cu.
15	NNE	1	NNE	1	W	1	SSW	2	NNW	2	NNE	1	2	Ci.-S.	Cu.	7	Ci.-S.	Cu.
16	NNE	1	NNE	1	NW	2	WNW	2	WbyS	2	WNW	2	9	Ci.-S.	Cu.	8	Ci.-S. E	Cu.
17	WNW	2	WNW	2	WNW	3	WNW	3	WbyN	4	WSW	5	10	Ci.-S.	Cu.-N. WNW	10	Ci.-S.	Cu.-N. NW
18	SW	6	WSW	6	SW	5	SW	4	SSW	4	SSW	3	10	Ci.-S.	Cu.-N. WbyS	10	Ci.-S.	Cu.-N. swbyw
19	S	2	S	2	S	2	S	3	SSW	1	NNE	1	10	Ci.-S.	Cu.-N. SSW	10	Ci.-S.	Cu.-N. SSW
20	NbyE	1	NE	1	E	1	SSW	2	S	1	NE	1	10	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
21	NNE	1	NE	1	SSW	1	SSW	2	NW	2	NNE	1	4	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
22	NNE	1	NNE	1	W	1	SW	1	NW	2	N	1	6	Ci.-S.	Cu.	8	A.-Cu.	Cu.-N. NEbyE
23	N	1	E	1	S	1	NW	2	NNW	2	NNW	2	8	Ci.-S. ESE	Cu.	10	Ci.-S.	Cu.-N. NNE
24	NW	6	W	2	SW	7	S	5	NNE	1	NNE	2	10	Ci.-S.	N. WNW	10	Ci.-S.	Cu.-N. SSW
25	NE	1	ENE	1	NE	2	WNW	1	N	1	NbyE	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. SEbyS
26	NNE	1	NNE	1	NE	2	ENE	2	NE	1	NNE	1	6	Ci.-S.	Cu.	6	A.-Cu.	Cu. ENE
27	NNE	1	NNE	1	ENE	3	NE	3	NNE	2	ENE	1	9	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu. ENE
28	N	1	NE	1	ENE	3	NE	1	ESE	1	Calm	----	9	A.-Cu.	Cu.-N.	9	A.-Cu.	Cu.-N. ENE
29	ESE	1	E	1	ESE	2	E	1	E	1	NbyE	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. EbyS
30	Calm	----	NE	2	ENE	2	ENE	2	ENE	2	ESE	2	10	A.-Cu.	Cu. E	10	A -Cu.	Cu.-N.
31	SE	2	E	2	ENE	2	E	2	E	1	E	1	10	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
Mean	-------	1.3	-------	1.4	-------	1.9	-------	2.1	-------	1.5	-------	1.3	8	------------	------------	8.2	------------	------------

OLONGAPO.

[φ=14° 49′ N; λ=120° 16′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.71 mm.]

NOVEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.15	59.66	60.27	57.96	58.86	60.08	25.1	22.7	30.4	32.5	26.8	25.5	32.9	22.5	86	97	68	65	90	93	0.1
2	58.96	59.44	59.93	57.64	58.04	59.67	23.8	22.3	30.2	32.6	28.4	24.5	33.4	22	96	96	63	56	77	92	------
3	58.70	59.32	59.92	57.56	57.89	59.14	22.6	21.9	29.9	33.5	27.5	25.7	33.5	21.8	96	97	73	61	84	92	------
4	58.35	58.83	58.94	56.66	57.19	58.71	24.1	23.6	29.6	33.3	27	23.9	33.3	23.1	96	96	70	59	78	86	------
5	57.72	58.26	58.89	56.50	57.38	58.73	22.1	21.6	29.6	31.7	26.5	24	33.8	21.4	92	94	63	54	80	88	------
6	57.46	57.77	58.06	55.33	55.98	56.95	23.3	22.4	30.7	31	27.3	25.4	32.9	22.2	89	91	55	53	73	84	12.7
7	54.51	54.40	54.09	51.32	50.94	52.67	25.3	24.4	25.8	24.9	24.4	24.9	27.3	22.7	84	87	81	88	89	87	48.8
8	53.56	55.06	56.36	54.23	55.75	56.97	25.2	25.4	27.9	31	26.7	26.1	31.3	24.5	88	87	77	71	83	84	------
9	56.84	57.44	58.51	56.97	58.80	60.17	25.6	25.4	29	28.4	26	24.8	31	24.5	90	88	75	85	94	96	6.8
10	59.15	59.55	60.83	58.63	58.88	60.93	24.5	23.9	28	28.8	26.8	24.3	29.3	23.8	97	97	81	76	85	93	------
11	59.55	60.23	61.31	59.02	59.72	61.45	23	22.9	29	30.9	26.4	23.7	33.1	22.8	97	96	77	62	82	93	------
12	60.28	60.62	61.34	58.80	59.54	61.65	22.8	22.9	30	32	27.3	23.5	32.4	22.3	93	92	63	52	70	90	------
13	60.72	60.41	61.04	59.06	59.39	60.33	22	21.4	29.1	31.7	27.4	24.4	33	21.2	95	95	66	54	84	91	------
14	59.21	58.62	58.98	56.12	56.75	56.64	23	21.9	28.7	30.5	26.6	24.9	32.2	21.6	96	96	75	68	86	95	4.9
15	54.26	53.87	53.46	50.98	50.52	52.24	23.9	23.4	25.9	24.8	25.5	25.1	25.9	22.7	94	95	85	95	86	91	16
16	51.79	52.68	53.88	52.43	53.30	54.85	25	24.9	28.4	29	27.4	26.6	30.3	24.5	92	92	82	77	84	87	8.1
17	53.80	54.44	55.38	53.49	54.95	55.67	25.6	25.5	28.9	30.9	25.9	25	31.7	24.7	90	92	77	66	88	92	14.4
18	55.37	55.86	56.37	54.98	56.15	57.12	25.1	24	29	29.2	23.9	23.8	30.8	23.6	92	96	74	79	96	97	12.4
19	56.23	56.74	57.05	55.24	56.11	57.01	23.1	23.1	27.9	30.4	26.5	23.9	30.4	22.7	98	98	79	69	87	96	1.5
20	56.02	56.52	57.03	55.79	56.99	58.01	23.5	23.8	28.6	31.3	26.1	23.6	32.6	23.1	95	92	73	60	90	96	2.8
21	57.02	57.99	58.99	57.41	58.05	59.58	22.6	22.5	29	31.1	27.5	24.4	31.3	22	97	96	76	74	84	96	------
22	58.36	59.10	60.06	57.89	58.69	59.73	23.9	23.7	29.9	30.6	27.1	24.3	31.2	23.5	96	97	77	77	87	93	------
23	58.75	59.31	59.90	57.49	58.55	59.84	23	22.4	29.2	31.8	27.3	25.8	32.7	22.4	97	98	72	67	81	91	------
24	58.76	59.25	59.94	57.44	58.17	59.70	24.3	23.9	30.5	32.5	28	25.3	33	23.6	92	95	68	53	80	82	------
25	58.76	59.24	60.12	58.63	59.20	60.09	23	22	29.9	28.1	26	23.9	31.3	21.9	90	95	61	72	75	86	.8
26	58.90	59.34	60.62	58.57	59.32	60.05	22.9	21.8	26.3	29.4	25.8	23.3	29.7	21.6	83	87	67	61	73	85	------
27	59.41	59.51	60.01	58.10	59.49	60.13	22.8	21.6	29.2	31.5	26.9	25.5	32.3	21.3	86	86	56	56	72	76	------
28	59.40	60.28	61.53	58.54	59.60	60.23	24	23.5	24.4	27.8	26.3	24.6	29.1	23.3	86	87	88	71	81	89	1.4
29	59.33	59.67	60.91	59.23	59.82	60.74	23.5	22.7	28.9	30.5	25.5	24.7	30.6	22.5	93	90	67	65	86	82	------
30	59.76	59.93	61.14	59.28	60.05	60.75	24.3	24.2	27.4	30	26.4	25.8	31.3	23.5	72	71	60	55	64	61	------
Mean	57.67	58.11	58.83	56.71	57.47	58.66	23.8	23.2	28.7	30.4	26.6	24.7	31.5	22.8	91.6	92.5	71.6	66.7	82.3	88.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	130.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	2	NNE	1	E	2	NNE	2	NNE	1	NE	1	10	Ci.	Cu.	8	Ci.-S.	Cu.
2	NE	1	NNE	1	ENE	2	ENE	2	NNE	1	NNE	1	7	Ci.	Cu. E	3	Ci.	Cu.
3	N	1	NNE	1	WbyN	1	WbyN	1	NW	1	NNE	1	3	Ci.	Cu.	8	Ci.	Cu. NE
4	NNE	1	NNE	1	E	2	NE	2	NNE	1	NNE	1	7	Ci.	Cu.	6	A.-Cu.	Cu. NEbyE
5	NNE	1	NNE	1	NNE	1	ENE	2	NNE	1	N	1	9	Ci.	Cu.	7	Ci.	Cu.
6	NNE	1	NNE	2	NE	2	NE	2	ENE	2	ENE	2	10	Ci.-S.	Cu.	9	Ci.-S.	Cu. NEbyE
7	NNE	2	NNE	2	NNE	3	NNE	3	ENE	6	ENE	7	10	Ci.-S.	Fr.-N. NEbyE	10	Ci.-S.	N.
8	ENE	2	E	3	ENE	3	E	2	NNE	1	NE	3	10	Ci.-S.	Cu.-N. SSE	7	Ci.-S.	Cu. SSE
9	NE	1	NE	1	ENE	3	SW	2	NNE	1	NNE	1	8	A.-Cu.	Cu.	10	Ci.-S.	Cu.-N.
10	ENE	1	NE	1	ENE	2	NE	2	E	1	NNE	1	10	Ci.-S.	Cu.-N. SE	8	A.-Cu.	Cu.
11	NNE	1	NNE	1	ESE	2	E	2	E	1	NNE	1	9	Ci.	Cu.-N. EbyN	9	Ci.-S.	Cu.-N.
12	N	1	NW	1	NE	2	NNE	2	NNE	1	NNE	1	4	A.-Cu.	Cu.	2	Ci.	Cu.
13	NNE	1	NNE	1	NE	1	E	2	N	1	N	1	7	A.-Cu. ESE	Cu.	8	A.-Cu.	Cu. NEbyE
14	NNE	1	NbyE	1	SW	1	SSW	2	NE	1	NE	1	9	Ci.-S. EbyS	Cu.	10	Ci.-S.	Cu.
15	NE	1	ESE	2	N	2	NbyW	1	N	2	NNE	2	10	Ci.-S.	Cu.-N. NEbyE	10	------------	N. NEbyE
16	NE	2	ENE	2	E	2	E	2	ENE	2	ENE	2	10	A.-Cu.	Cu.-N. SE	10	A.-Cu.	Cu.-N. SSE
17	E	2	E	2	ENE	2	SbyE	3	SSE	2	ENE	2	10	A.-Cu.	Cu.-N. S	8	A.-Cu.	Cu.-N. S
18	Calm	----	NNE	1	S	2	SSW	3	NNE	2	NNE	1	10	Ci.-S.	Cu.-N. S	10	Ci.-S.	Cu.-N. S
19	NNE	1	NNE	1	E	1	SSW	2	NNE	1	NNE	1	7	Ci.	Cu.-N. S	6	Ci.-S.	Cu. S
20	NE	2	E	2	ENE	2	S	2	Calm	----	NNE	1	7	Ci.	Cu. S	6	A.-Cu.	Cu.-N.
21	NNE	1	NNE	1	SSW	1	SW	2	SSW	1	NNE	1	5	Ci.-S.	Cu.	7	Ci.-S.	Cu.
22	NNE	1	E	1	SW	1	SW	2	NNE	1	NNE	1	8	Ci.	Cu.-N. S	4	Ci.-S.	Cu.-N.
23	NNE	1	NNE	1	WbyN	1	SW	2	NW	2	NNE	1	2	Ci.-S.	Cu.	6	Ci.-S.	Cu. EbyN
24	NNE	1	NNE	1	E	2	ENE	2	N	1	NE	2	6	Ci.	Cu.	6	Ci.	Cu.
25	NNE	1	NNE	1	NE	2	Calm	----	NE	2	NNE	1	2	Ci.-S.	Cu.	9	A.-Cu.	Cu.-N. ENE
26	NNE	1	NNE	1	NE	2	NE	2	NE	2	NNE	1	3	A.-Cu.	Cu.	9	A.-Cu.	Cu.-N. ENE
27	NNE	1	N	1	NE	2	NE	2	NE	1	NE	1	3	A.-Cu.	Cu.	8	A.-Cu.	Cu.
28	N	1	NE	1	ENE	2	E	2	NNE	1	NNE	1	10	Ci.-S.	Cu.-N. ENE	9	A.-Cu.	Cu. ENE
29	NNE	1	NNE	1	NE	2	NNE	2	NNE	1	NE	2	8	Ci.-S.	Cu.	8	A.-Cu.	Cu.-N.
30	NE	1	ENE	1	NE	3	NE	3	NNE	1	NNE	3	7	A.-Cu.	Cu.-N. EbyN	5	A.-Cu.	Cu.
Mean	------	1.2	------	1.3	------	1.9	------	2	------	1.4	------	1.5	7.4	------	------	7.5	------	------

OLONGAPO.

[φ=14° 49′ N; λ=120° 16′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.71 mm.]

DECEMBER, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.68	60.24	61.07	59.36	60.10	60.94	25.5	24.5	28	30.4	27.1	25.9	32.3	24.2	61	65	63	56	72	72	------
2	59.44	60.19	60.74	57.77	58.79	59.63	24	22	29.4	33.4	26.9	24	33.4	21.5	80	89	58	48	80	90	------
3	58.23	58.64	59.15	57.17	57.85	58.87	23.2	23.4	28.5	29.9	26.5	24.9	31.5	23	91	90	68	64	87	87	3
4	57.21	57.09	57.43	55.15	56.54	57.95	23.8	21.9	28.5	31.7	27.3	24.7	32.1	21.7	87	88	58	55	71	79	------
5	56.67	56.88	58	56.04	57.12	58.58	22.6	20.9	28	29.7	25.1	23.2	31.1	20.6	83	90	59	53	70	69	------
6	57.74	58.59	58.89	56.72	57.29	58.31	21.8	21.2	28	29.5	25.1	23.5	30	20	71	72	54	51	70	75	------
7	57.92	58.84	59.30	56.89	57.80	58.74	21.4	19.9	28.3	31	26.5	22.2	31.3	19.6	84	90	58	50	76	88	------
8	57.55	57.59	58.68	56.34	56.56	58.21	20.8	19.9	26.4	30.4	26.4	22.7	31.3	19.6	90	90	63	55	76	91	------
9	57.54	57.59	58.57	56.32	56.97	58.43	21.7	20.5	27.9	29	25.9	24	29.7	20.5	94	95	67	71	82	95	.9
10	56.89	57.41	58.28	56.13	56.51	57.86	22.4	21.9	28.9	28.3	26.4	25.3	31.1	21.7	96	96	71	74	87	88	.5
11	56.70	57.31	58.48	55.96	57.15	58.49	24.5	24.2	27.9	29.9	26.4	25.3	31.2	24	91	89	74	66	80	88	------
12	57.60	57.31	58.47	56.30	57.21	59.44	24.5	23.5	29	28.4	26.5	23.9	31.8	23.4	91	90	70	76	86	95	17.4
13	57.51	58.76	59.45	57.51	58.52	59.89	23.4	23.3	28.4	30	25	24.1	30.3	22.9	95	97	77	68	88	90	.3
14	58.86	58.63	59.45	58.04	58.63	60.21	22.6	23.5	28.1	25.9	24.8	22.9	30	22	94	85	69	81	85	91	1.7
15	59.42	60.15	60.52	59.05	60.14	61.35	22.7	21.6	28.1	31.3	27.4	23.9	32.1	21.5	89	96	70	57	74	92	------
16	60.25	60.35	61.62	58.85	59.09	60.68	22.4	21.3	29	30.9	27.8	24.4	32.8	21.2	93	96	69	64	78	91	------
17	59.60	60.37	60.99	58.86	59.95	61.20	22.8	22	29.5	28.5	23.9	23	32.7	21.9	93	96	71	75	92	95	7.4
18	59.81	59.86	61.09	59.03	59.89	61	22.5	22.5	25.7	27.5	24.5	23.7	29.3	22.4	95	95	81	73	80	78	------
19	59.79	60.27	61.48	58.59	59.55	60.56	21.5	20.4	26.8	26.9	24.1	20.9	27.9	20.3	90	91	63	62	79	85	------
20	59.75	59.90	60.36	57.51	58.17	59.24	18.8	17.4	23.6	25.1	23.5	22	25.4	17.2	93	94	74	76	90	91	------
21	58.20	58.23	59.53	57.43	57.95	59.20	20.9	20.4	25.9	28	24.2	22.3	28.3	20.4	94	95	73	66	85	90	------
22	57.68	58.26	59.33	57.34	58.48	59.41	20.9	19.6	27.2	29.8	25.9	24.1	30.3	19.5	86	91	61	56	75	78	------
23	58.44	59.12	60.37	58.56	58.90	60.26	22.6	22.4	27.9	29.9	26.5	24.3	31.4	22.1	85	87	67	58	80	84	------
24	59.28	60.05	61.86	60.99	60.35	60.99	23.7	22.8	24.7	24.3	22	21.5	25.8	20.8	83	80	76	84	90	91	3.1
25	60.71	61.72	62.73	60.32	61.39	62.51	20.4	20.5	26.1	29.4	26.4	24.4	30.1	20	95	93	70	58	71	71	------
26	61.29	61.60	62.40	60.89	62.28	62.94	22.9	23.1	27.3	29.3	24.6	22.6	30.1	22.6	77	69	57	52	67	74	------
27	62.26	62.66	64.35	62.21	63.28	64.86	22.9	21.9	26.9	29.4	25.2	23.5	29.9	21	70	71	56	51	64	69	------
28	63.30	63.44	64.08	61.75	62.31	63.19	22.9	22.4	26.4	26.6	25	24.8	29.1	21.6	70	74	62	68	72	72	.1
29	62.21	62.09	63.05	60.46	60.93	61.51	22.7	21.4	28.4	30.3	26.3	25.3	30.8	21.1	89	94	67	59	68	69	------
30	60.22	60.58	60.61	58.37	59.23	60.56	25.4	24.4	30.4	30.1	27.4	24.5	32	24	75	83	61	64	81	92	------
31	59.75	59.79	60.26	57.56	58.33	59.39	23	22.5	28.5	32	28.2	25.4	32.7	22.4	95	96	73	57	78	82	------
Mean	59.08	59.47	60.34	58.18	58.94	60.14	22.6	21.8	27.7	29.3	25.8	23.8	30.6	21.4	86.5	88	66.5	62.8	78.5	83.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	34.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	2	NNE	2	NE	2	NNE	2	NNE	2	NNE	2	5	A.-Cu.	Cu.	8	A.-Cu.	Cu.-N. ENE
2	NNE	2	NNE	1	ENE	2	NE	2	NNE	2	NNE	1	6	Ci.	Cu.	6	A.-Cu.	Cu. NE
3	NNE	1	NNE	1	NE	2	NE	1	NNE	1	NNE	1	9	A.-Cu.	Cu.-N.	9	A.-Cu.	Cu.-N. NE
4	NNE	1	NNE	1	NE	3	NNE	2	NE	2	NNE	1	6	Ci.	Cu.	6	Ci.	Cu. NE
5	NNE	1	N	1	NE	3	NE	3	NE	3	NE	2	3	Ci.	Cu.	3	A.-Cu.	Cu.
6	NNE	2	NNE	1	ENE	2	NE	2	NNE	1	NE	1	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.
7	NNE	1	NNE	1	ENE	2	E	2	N	1	NNE	1	8	Ci.-S.	Cu.	6	Ci.-S.	Cu.
8	NNE	1	NNE	1	ENE	2	E	2	NNW	1	NNE	1	10	Ci.-S.	------------	7	Ci.-S.	Cu.
9	NNE	1	NNE	1	ENE	1	SW	2	N	1	NNE	1	8	Ci.-S.	Cu.	9	A.-Cu.	Cu.-N.
10	NNE	1	NNE	1	E	2	E	2	NNE	1	E	1	10	Ci.-S.	Cu.	10	A.-Cu.	Cu.-N. ENE
11	NNE	1	ENE	2	ENE	2	E	2	NNE	2	NNE	2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
12	NE	1	NNE	2	ENE	2	S	1	NNE	1	Calm	----	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
13	NNE	2	NNE	1	ENE	2	NE	2	ENE	1	NE	1	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
14	NNE	1	NNE	2	ENE	2	NE	2	Calm	----	E	1	6	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
15	NNE	1	NbyE	1	ENE	2	NE	2	N	1	NNE	1	8	Ci.-S.	Cu.	4	Ci.-S.	Cu.
16	NNE	1	NNE	1	E	1	NW	2	N	1	NNE	1	5	Ci.	Cu.	6	Ci.-S.	Cu.
17	NNE	1	NNE	1	W	1	WNW	1	NNE	1	E	1	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
18	NE	1	N	1	NNE	1	E	2	NE	2	NE	2	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
19	N	1	NNE	1	NE	2	NE	3	NNE	1	NNE	1	10	Ci.-S.	Cu.	9	Ci.-S.	Cu. NNW
20	NNE	1	NNE	1	NNE	1	NNE	1	NNE	2	NNE	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. NNE
21	NNE	2	NNE	1	NNE	1	NE	1	NNE	1	N	1	10	A.-Cu.	Cu.	10	Ci.-S.	Cu.-N.
22	NNE	1	NNE	1	NE	2	NE	2	NNE	1	NE	1	5	A.-Cu.	Cu.	10	Ci.-S.	Cu.
23	NNE	1	NNE	1	NE	1	NE	2	NNE	1	NE	1	10	Ci.-S.	Cu.-N.	10	A.-Cu.	Cu.-N. NE
24	NNE	2	NNE	1	NNE	1	WNW	1	NNE	2	NNE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	N.
25	NNE	1	NNE	1	NE	1	NE	2	NNE	1	NE	2	10	A.-Cu.	Cu.-N.	6	Ci.-S.	Cu. NE
26	NNE	1	NNE	2	NNE	3	NE	3	NNE	3	NNE	2	2	Ci.-S.	Cu.	4	Ci.-S.	Cu.
27	NE	3	NE	2	NE	4	ENE	3	NNE	2	NNE	2	1	Ci.-S.	Cu.	5	Ci.-S.	Cu.
28	NNE	3	NNE	2	NE	4	NNE	2	NE	3	NE	2	8	A.-Cu.	Cu.-N.	9	Ci.-S.	Cu. NE
29	NNE	1	NNE	1	NE	3	NE	3	NE	2	NE	2	10	Ci.-S.	Cu.-N. ENE	6	Ci.-S.	Cu. ENE
80	NNE	2	NNE	1	NE	2	NE	2	NNE	1	NbyE	1	7	Ci.-S.	Cu.-N. EbyN	8	A.-Cu.	Cu.-N.
31	NNE	1	NNE	2	E	2	E	2	NE	1	NNE	1	7	A.-Cu.	Cu.	4	A.-Cu.	Cu. EbyN
Mean	------	1.4	------	1.3	------	2	------	2	------	1.5	------	1.3	7.7	------	------	7.8	------	------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

JANUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.58	59.63	61.07	58.08	58.60	60.02	23.2	21.7	26.5	28	25.4	22.7	28.2	21.5	90	89	67	55	62	77	------
2	58.98	59.69	60.68	57.52	57.79	59.40	22	21.1	26.5	28.5	25.6	23.5	29.7	20.4	82	81	60	57	68	79	------
3	58.12	59	60.56	58.15	58.12	59.20	22.6	22.5	24.6	25.2	25.5	23.7	27.1	22	90	91	87	83	83	94	5.5
4	58.27	58.66	59.50	57.20	57.68	59.38	23	22.5	27	29.6	27	24	29.7	22	92	96	83	64	70	79	------
5	58.53	58.51	59.37	56.92	57.41	58.76	22	20.2	25.6	30	26.1	24	30.4	19.5	88	94	75	56	73	81	------
6	58.13	58.31	59.55	57.80	58.25	58.73	23	22	26.2	28.4	26.2	23.4	30	21	87	92	80	71	73	85	------
7	58.08	58.77	59.85	57.68	58.49	59.60	21.5	21.5	27	30	26.2	23.2	30.2	20.6	92	92	71	54	67	89	------
8	59.52	60.06	61.05	58.42	59.01	60.33	22	20.1	27	29.6	26.4	23.1	30	19	89	97	68	55	69	86	------
9	59.98	60.98	61.71	59.48	59.81	61.54	21.8	20	26.5	30.2	26.7	23	31	19.5	84	92	68	53	62	79	------
10	60.86	61.31	62.02	59.38	59.60	61.04	21.4	19.5	27.2	30	26.7	23.9	30.1	19	87	91	61	59	68	85	------
11	60.02	60.57	61.88	59.84	59.74	60.72	22.8	21	26	28.5	26	23	30.1	20.4	84	88	72	60	69	87	------
12	59.58	59.87	60.85	57.69	57.89	59.66	21.5	20.8	26.2	30.3	27.5	24.5	31	20.4	91	96	73	54	60	79	------
13	58.68	59.04	60.16	57.07	57.64	59.34	22.6	21	27	30.4	26.5	23.6	31.8	21	90	96	73	46	66	80	------
14	58.92	60.57	61.65	59.29	60.01	61.55	22.4	21.5	26.2	28	25	22.3	29.7	21	79	92	72	60	68	93	------
15	60.71	61.39	63.14	60.37	61.04	62.42	21	19.5	25.2	27.3	24.2	20.4	28	19.2	89	93	63	53	68	87	------
16	61.27	61.67	62.80	59.94	60.43	61.59	19.5	19	25.2	28.2	24.2	20.7	28.5	18	90	90	63	50	72	84	------
17	60.43	60.83	61.85	59.41	59.65	60.92	19.5	19.8	24.5	26.7	25	20	28.3	18.8	93	89	64	56	57	78	------
18	59.83	59.93	61.43	59.04	60.19	61.15	18.6	17.8	25	29	24.5	23.5	29.7	17.1	84	88	67	57	87	91	9.1
19	60.03	60.49	61.64	59.77	60.50	62.21	22.6	22.2	25	25.7	26.4	23.4	27.6	21.6	90	94	86	90	70	81	20.3
20	61.29	61.32	63.03	60.17	60.04	61.90	22.2	19.5	26.4	30.2	27.5	22.7	30.7	19.3	89	95	76	58	68	89	------
21	61.08	61.16	62.52	59.74	59.25	61.19	21.5	20.5	26.2	29	26.6	25	30.7	20.1	87	94	75	67	72	83	------
22	61.14	61.21	62.37	60.13	59.79	61.35	23.8	22	26.7	29	27	23.4	29.4	22	85	96	69	59	64	80	------
23	60.88	60.81	61.73	59.28	60.10	61.73	22	21	27	29.7	26.5	24.4	30.9	19.6	82	87	63	54	73	80	------
24	61.20	61.03	61.24	59.07	59.16	60.29	23	20	27	29.4	26	25.6	30	19.9	83	92	66	56	65	69	------
25	60.38	60.47	61.45	59.27	58.57	60.59	24	20.7	25.4	30.4	28	24.2	31	20.2	79	94	73	51	66	90	------
26	59.88	60.11	61.17	58.57	58.94	60.32	23	21	27.4	30	27	23.1	30.7	20.1	87	95	67	51	66	79	------
27	59.59	59.77	60.87	58.19	58.80	59.85	22.2	21.2	26.7	30	26.7	24.5	20.5	20	82	90	68	53	71	79	------
28	59.52	59.58	60.06	56.95	57.27	58.86	23	21	26.3	30.5	27	23	31.5	20.8	83	95	72	51	70	89	------
29	58.25	58.62	60.01	57.20	57.73	59.52	22.3	20.7	25.8	29.1	26.1	23.5	30.4	19.5	85	92	64	51	68	83	------
30	59.33	59.58	60.86	58.18	58.41	60.07	22.7	20.2	26.2	28	25.4	22.1	29.1	19.8	85	92	58	54	66	82	------
31	59.12	59.23	61.28	59.22	59.36	60.43	20.9	19.6	25.7	26.4	24.4	22.7	27.5	19.2	87	89	60	63	69	81	------
Mean	59.72	60.07	61.20	58.68	59.01	60.44	22.1	20.7	26.2	28.9	26.1	23.2	29.8	20.1	86.6	92	69.8	58.1	68.9	83.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	34.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNW	0	NNE	1	NE	1	ENE	2	E	3	NW	0	7	A.-Cu. ESE	S.-Cu. ENE	9	Ci.-S. SE	Cu.-N. ENE
2	NW	0	WNW	1	NW	1	ESE	3	ESE	1	NNW	0	10	Ci.-S.	N. NE	6	A.-Cu. SE	Cu. E
3	NW	1	NW	0	NNW	1	NE	1	NE	1	NNW	0	10	A.-S.	N. NE	9	Ci.-S. SE	N. NE
4	NW	1	NW	0	NNW	0	E	2	ESE	1	SE	1	8	Ci.-Cu. SE	S.-Cu. E	4	Ci. SE	Cu.-N. ESE
5	NNW	0	WNW	1	NNW	0	N	1	SE	1	NNW	0	3	Ci.	S.-Cu.	8	Ci. SE	Cu.-N. E
6	Calm	----	Calm	----	NNW	1	NNW	1	SE	1	NNE	0	10	Ci.-S.	N. E	7	Ci. SE	Cu. ESE
7	NW	1	E	1	NNW	0	ESE	2	ESE	1	NNE	1	10	Ci.-S.	N. E	5	A.-Cu.	Cu.-N. ESE
8	NNW	1	NNW	0	N	1	ESE	3	SE	2	NNW	0	3	Ci.	S.-Cu.	4	Ci.	Cu.-N.
9	NW	0	NW	1	NNE	1	ESE	1	ESE	2	NW	0	3	Ci.	S.-Cu.	6	A.-Cu. SE	Fr.-Cu. NE
10	NW	1	NNW	0	NNW	0	ESE	2	ESE	2	NNE	1	3	Ci.	S.-Cu.	7	A.-Cu.	Cu.-N. E
11	NW	0	NW	1	NNE	1	ESE	1	ESE	1	NW	1	4	Ci.	S.-Cu. ENE	8	A.-Cu. E	Cu.-N. ESE
12	NNW	1	NNW	0	NNW	0	NNW	1	NNW	1	NW	0	6	A.-Cu. E	S.-Cu.	6	A.-Cu.	Cu. ESE
13	NNW	0	NW	1	ESE	0	NNW	1	NNW	1	NW	1	7	A.-Cu. E	S.-Cu.	3	A.-Cu.	Fr.-Cu.
14	ESE	1	NNW	0	NNE	1	E	2	ESE	2	NNW	0	9	A.-Cu.	N. NE	9	A.-Cu. NE	Cu.-N. ESE
15	NNW	0	NNW	1	NE	1	E	3	ESE	3	NW	1	2	Ci.	S.-Cu.	7	A.-Cu. NE	Fr.-Cu. ENE
16	NNW	1	NNW	0	NNW	0	ESE	3	ESE	3	NNW	1	2	Ci.	S.-Cu.	5	Ci. SE	Cu.
17	NNE	0	ENE	1	ENE	1	NNE	1	E	2	NNE	0	5	Ci.	S.-Cu.	7	A.-Cu. NE	Cu.-N. E
18	N	1	NNW	0	NNE	1	ESE	1	NW	1	W	0	3	Ci.	S.-Cu.	8	A.-Cu. NE	Cu. E
19	NW	1	NW	1	NNW	1	NW	0	ESE	2	E	1	10	A.-S.	N. NE	7	A.-Cu. ESE	N. N
20	N	0	NNW	1	NNW	1	E	1	ESE	1	NNW	0	2	Ci.	S.-Cu.	6	A.-Cu. SE	Cu.-N. ENE
21	NNW	1	NNW	0	NNW	0	ESE	2	ESE	1	NNE	1	7	A.-Cu. E	S.-Cu. ESE	7	A.-Cu. E	Cu.-N. ESE
22	NNW	0	NNE	1	E	2	ESE	4	ESE	1	Calm	----	5	A.-Cu. E	S.-Cu. ESE	5	A.-Cu. E	Cu.-N.
23	Calm	----	NE	0	NE	1	ESE	2	ESE	2	SE	1	2	Ci.	S.-Cu.	7	A.-Cu. E	Fr.-Cu. ESE
24	NNW	0	NNE	1	NNW	0	ESE	3	ESE	1	ESE	2	6	Ci. SE	Cu.	4	Ci.	Cu.-N.
25	N	1	N	0	NNE	1	N	1	ESE	1	N	1	5	A.-Cu. E	N.	7	A.-Cu. E	Cu.-N. ESE
26	NNW	0	NNE	1	SE	0	SE	3	E	2	NW	1	3	Ci.	S.-Cu.	4	Ci.	Fr.-Cu. E
27	NNW	1	NNW	0	ESE	1	SE	1	SE	1	ESE	0	5	A.-Cu. E	S.-Cu.	9	A.-Cu. E	N.-cf. ESE
28	N	0	N	1	NNW	1	NNW	1	NW	3	Calm	----	3	Ci.	S.-Cu.	5	A.-Cu.	Fr.-Cu. NW
29	NW	1	NNW	0	NNW	1	NNW	1	ESE	2	NNW	1	4	Ci.	S.-Cu.	6	A.-Cu. E	Cu.-N. N
30	NNW	0	NW	1	E	1	ESE	3	ESE	3	NNW	1	4	Ci.	S.-Cu.	4	Ci.	Cu.-N.
31	NW	1	WNW	0	NE	0	ESE	2	ESE	3	NNW	1	3	Ci.	S.-Cu.	9	A.-Cu. E	Cu.-N. ESE
Mean	------	0.5	------	0.5	------	0.7	------	1.8	------	1.7	------	0.5	5.3	------	------	6.4	------	------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

FEBRUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.83	59.82	61.10	58.78	59.09	60.47	22	19.4	25.7	28	25.5	21.4	28.5	18.9	81	88	64	46	59	74	------
2	59.62	59.91	61.65	59	59.15	59.78	19.3	17.7	25.8	28.4	25	22.7	28.8	17.2	83	92	56	49	67	78	------
3	58.91	59.40	60.69	58.44	58.92	60.36	20.5	19.3	26.6	29.4	27.2	23.5	30.1	18.5	91	92	63	54	60	75	------
4	59.54	60.05	61.24	59.19	60.13	61.14	21	19	26.2	30	26.9	24.5	30.6	18.5	90	94	67	51	67	81	------
5	61.02	61.45	62.79	61.08	62.30	63.29	23	22.5	27	28.5	25.6	24.5	28.6	22	87	87	66	62	69	71	------
6	62.21	62.40	63.51	61.16	62.05	62.98	21.7	21.2	24.5	28.6	26.2	22.8	29.6	21	89	90	83	57	58	80	------
7	62.88	63.19	63.70	61.50	62.22	63.50	22.2	21.3	27.3	28	25.1	21.6	29	20.6	85	90	58	54	66	81	------
8	62.69	63.29	63.59	61.25	61.84	62.46	20	19	26.3	28.2	25.5	21.7	28.5	18.5	91	90	65	51	62	80	------
9	62.05	62.82	63.49	60.50	61.23	62.74	19	17.5	26	30.2	27.4	24.8	30.7	17	90	95	66	48	56	64	------
10	62.31	62.57	63.47	60.68	61.53	62.26	23	19.6	27	30.4	26.8	22.2	30.5	19	74	94	59	45	58	81	------
11	61.69	62.77	63.58	60.37	60.65	62.34	20.5	20	26.2	31	28	26	31.4	18.5	91	91	70	49	54	62	------
12	61.82	62.37	63.40	60.91	61.85	63.24	22.1	20.1	28	28.8	26.3	25	29.7	19.5	87	91	54	58	65	68	------
13	62.11	62.55	63.19	60.74	61.58	62.87	22	21.7	27	27.3	24.9	22.1	28.6	21	82	76	53	52	66	77	------
14	61.77	61.90	63.06	60.04	60.34	61.60	21.5	20.6	25.8	28.9	26	24.4	29.2	19.6	78	82	64	52	60	68	------
15	60.16	60.33	62.44	59.96	60.16	61.48	23	21.5	24.2	25.7	23.5	22.7	26.5	21.1	74	87	87	82	93	89	4.6
16	60.57	60.89	62.09	59.62	59.73	61.93	22.2	21.1	27.5	29.6	27.2	24.8	30.6	21	89	92	66	52	63	77	------
17	60.48	60.66	61.65	58.66	59.02	61.28	24	21	28.1	30.5	27.1	25.6	31.8	20.9	79	95	61	50	67	75	------
18	60.35	60.46	61.20	58.72	58.95	59.95	24.5	22.5	27.5	29.7	27	24	30.9	22.2	75	88	68	58	70	87	.5
19	59.46	59.56	60.68	58.14	58.91	60.86	23.2	23	27.3	30.5	25.4	24.2	31.3	22.5	85	91	73	58	90	94	1.5
20	60.02	59.56	60.44	58.01	58.69	60.24	23.2	21.9	26.1	32	26.5	25.1	33.4	21.8	90	96	83	57	70	87	------
21	59.61	59.85	60.03	58.07	58.24	59.91	23.8	22.4	28.5	30.8	27.3	25.8	31.9	22	89	96	67	57	70	78	------
22	59.40	59.61	60.59	58.14	58.46	60.21	24.2	22	29	31	28.6	25.8	32.5	21.5	86	96	64	56	63	78	------
23	59.74	59.90	61.09	58.54	58.45	59.93	24	21.7	29	32.4	30.5	25.1	33.9	21.6	87	94	63	46	59	78	------
24	58.97	59.21	60.14	57.84	58.17	59.56	23.5	22	29.4	31.4	28.1	24	32.9	21.6	87	92	60	53	63	83	------
25	59.54	59.74	60.53	57.81	58.37	60.46	21.7	20.5	28.5	33	29.9	25.4	34	20	84	95	64	49	60	77	------
26	59.46	59.70	61.79	59.19	59.56	60.92	24	22	28.6	31.7	28.5	23	32.4	21.5	83	90	61	47	42	70	------
27	60.11	60.22	61.37	58.93	58.97	60.32	20.5	18.4	28.1	31.5	28.4	25.2	32.2	17.4	91	92	60	46	61	74	------
28	59.52	60.16	61.19	58.12	58.27	60.35	23.5	20.5	28	32.9	29.4	25	33.6	19.1	79	90	63	43	48	58	------
Mean	60.57	60.87	61.92	59.41	59.89	61.30	22.3	20.7	27.1	29.9	26.9	24	30.8	20.1	84.9	90.9	65.3	52.9	63.8	76.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	6.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNW	0	NNW	1	ESE	1	ESE	3	ESE	2	NW	1	3	Ci.	S.-Cu.	4	Ci.	Fr.-Cu. ESE
2	NW	1	NW	0	NNW	1	ESE	1	ESE	1	NNE	1	2	Ci.	S.-Cu.	8	Ci.-S. ESE	Cu.
3	NNW	1	NNW	0	NNW	1	NNE	1	ESE	1	NNE	1	5	Ci.	S.-Cu.	4	Ci.	Cu. E
4	NNW	0	NNW	1	NNW	0	ESE	3	E	3	ENE	0	3	Ci.	S.-Cu.	5	Ci. SE	Fr.-Cu. ENE
5	NNW	1	N	0	ENE	2	SE	2	E	4	E	2	5	Ci. SE	S.-Cu.	9	A.-Cu. ENE	Cu.-N. ESE
6	NNW	1	NNW	1	NNW	0	E	5	ESE	2	NNE	1	9	Ci.-S.	N. E	8	Ci.	N.-cf. NE
7	NNW	0	NNW	0	NNE	1	ESE	4	ESE	1	NNW	1	5	Ci.	N. NE	5	Ci.	Fr.-Cu. E
8	NNW	0	NNW	1	NW	0	E	3	ESE	1	NNE	1	4	Ci.	S.-Cu.	8	Ci. SE	Cu. ENE
9	NNW	1	NNW	0	NW	1	NNE	1	ESE	1	ENE	1	5	Ci. SE	S.-Cu.	7	Ci.	Cu.-N. E
10	NNW	0	NNW	1	E	0	E	1	ESE	1	NNW	1	3	Ci.	S.-Cu.	7	A.-Cu. E	Cu.-N. NE
11	N	1	NNE	0	NNE	1	SE	0	ESE	1	NE	0	9	A.-Cu.	Fr.-Cu. NE	7	A.-Cu.	Fr.-Cu. NE
12	NE	0	NE	1	E	0	SE	1	ESE	1	E	1	2	A.-Cu.	S.-Cu.	8	A.-Cu. E	Cu.-N. NE
13	NNE	1	NNE	0	NNE	1	NNE	2	E	1	NNE	1	6	A.-Cu. E	S.-Cu.	9	A.-Cu. E	N.-cf. NE
14	NNW	0	Calm	----	NNW	1	ESE	3	ESE	2	NE	0	10	Ci.-S.	N. NE	8	Ci.-S. ESE	Cu. NE
15	NNW	1	NNW	0	ENE	1	NNW	1	NW	0	NW	1	9	Ci.-S.	N. NE	10	Ci.-S.	N. NE
16	NW	0	NW	1	NNW	0	E	2	ESE	2	ENE	1	5	Ci.	S.-Cu. ENE	6	Ci. ESE	Cu.-N. NE
17	NNW	1	NNW	0	NW	1	ESE	3	E	3	ESE	1	4	Ci.	S.-Cu.	7	Ci. SE	Cu.-N.
18	NNW	0	NW	1	NNE	1	ESE	3	ESE	3	Calm	----	7	A.-Cu. ESE	N. NE	5	A.-Cu. E	Cu.-N.
19	NNW	1	NNE	0	NE	1	E	2	SW	1	NW	0	10	A.-Cu. SE	N. E	8	Ci.-S. SE	Cu.-N. E
20	NNE	0	N	1	ENE	0	NNW	1	NW	1	NNE	1	7	Ci.	S.-Cu.	6	Ci.	Cu.-N. ESE
21	NNW	1	NNE	0	E	1	ESE	3	ESE	2	ENE	0	4	Ci.	S.-Cu.	7	Ci.-S. SE	Cu.-N. NE
22	NNE	0	N	1	E	1	E	3	ESE	1	NNE	1	4	Ci. SE	S.-Cu.	5	Ci. SE	Cu.-N.
23	NNW	1	Calm	----	NNW	0	NE	1	SE	0	NW	0	4	Ci. SE	S.-Cu.	7	A.-Cu. S	Cu.-N. E
24	SE	0	N	1	ENE	1	E	2	E	2	N	1	5	Ci.	S.-Cu.	5	Ci.	Fr.-Cu. ESE
25	NW	1	NNW	0	NE	1	SE	1	ESE	1	NNE	0	5	Ci. SE	S.-Cu.	6	Ci. S	Cu.-N. NE
26	NNW	0	Calm	----	ENE	1	E	1	ESE	1	NW	1	2	Ci.	S.-Cu.	1	A.-Cu.	Cu.
27	NNW	1	NNW	0	ENE	1	E	2	ESE	1	E	1	3	Ci.	S.-Cu.	3	Ci.	Cu.
28	E	0	ESE	1	NNW	0	SE	1	ESE	1	ESE	1	6	Ci. SE	S.-Cu.	6	Ci.	Cu. E
Mean	------	0.5	------	0.4	------	0.7	------	2	------	1.5	------	0.8	5.2	------	------	6.4	------	------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

MARCH, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.44	59.47	60.78	57.99	58.08	59.75	23.5	20	28	31.4	29	23.9	32.4	19.5	63	82	57	43	55	75	------
2	59.06	60.12	61.57	58.61	58.99	60.79	22.5	19.9	28.5	33	27.5	24.6	33.4	19.8	78	91	54	42	56	75	------
3	59.46	60.03	60.55	58.49	58.75	60.12	23.2	20.1	29	30.7	27.5	22.5	31.6	19.5	73	94	57	41	60	82	------
4	59.83	60.10	61.04	57.88	58.15	60.60	21	18.5	28	32.6	27.6	24.2	33.5	18	90	91	61	36	59	78	------
5	60.08	60.43	61.11	59.01	59.15	60.54	23	20.4	28.8	30	27	24.5	31	19.2	83	91	50	46	66	75	------
6	59.98	60.82	62.25	59.44	59.07	59.96	22.5	18.7	28	31.8	28.3	24.2	32.5	18.5	78	92	59	44	58	77	------
7	59.46	60.31	61.33	58.42	58.52	60.07	21.3	20	28.5	30.7	28.2	24.4	33.2	19.9	84	91	60	52	59	76	------
8	59.14	59.48	60.30	57.83	57.59	58.91	22	19.8	29	31	27.9	24.4	31.5	19	78	92	52	47	54	69	------
9	58.64	58.99	60.34	57.66	57.09	59.09	20.5	18.6	28.1	31.7	28	26	32.7	17.9	91	94	58	50	60	65	------
10	58.21	59.47	60.10	57.58	57.33	59.33	22	19	29.3	32.5	27.4	24.4	32.7	18	82	95	53	40	60	69	------
11	58.58	59.16	60.09	57.58	56.97	58.60	23	19.5	28.7	31.5	28	24.5	32.1	19.5	83	95	52	42	55	68	------
12	58.44	58.77	59.74	56.94	56.73	58.59	20	19	28	32	29.5	25	33	18.4	95	95	51	44	55	76	------
13	58.46	58.81	60.22	57.77	58.20	60.89	24	22.2	29.9	32.5	27.5	24.6	32.5	21.7	79	90	46	39	54	68	------
14	60.46	61.02	61.92	59.16	59.99	61.15	21.5	19.1	28	31.5	27.5	25.4	31.9	18.7	87	87	53	45	60	69	------
15	60.17	61.13	62.75	60.41	60.16	61.22	23	22.1	24.5	27	27.5	24.3	28.4	22	87	81	83	65	62	78	0.8
16	59.86	60.26	61.49	58.62	58.13	60.01	22.1	19.7	27.8	31.9	29	25.5	33.4	19.1	87	93	60	48	58	68	------
17	59.12	59.83	60.80	57.85	57.64	59.90	21.5	20.1	29	32.8	29.9	26	34.1	19.6	88	93	55	45	46	69	------
18	58.86	59.26	60.76	58.28	58.83	60.27	24.2	21	30.2	31.2	27.5	24.2	32.3	21	78	91	54	51	66	84	------
19	59.66	60.18	61.18	58.96	59.39	61.02	23	21.5	29.9	32.1	27.9	25.2	33.4	20.6	87	91	49	41	54	71	------
20	59.96	60.58	61.12	58.42	58.69	60.41	23.6	20.9	30.4	33	29	24.2	34.6	20.7	80	86	51	43	50	77	------
21	59.08	59.32	59.95	57.44	57.59	59.03	23.5	19.9	30	33.2	28.5	25.7	34.3	19.6	75	89	49	34	64	72	------
22	58.25	58.84	59.88	57.83	57.67	59.17	24.7	24.6	30	30.9	29.3	25.4	32	23.4	74	72	50	50	53	75	------
23	57.74	58	59.36	57.18	58.32	59.02	24	23.3	26.8	29.5	24.6	24	31	22.5	83	80	76	59	88	90	2.1
24	57.90	58.37	59.86	57.19	57.87	60.13	23.2	23.2	27.5	31	28.1	25.5	31.2	22.6	91	90	76	58	63	82	2
25	59.01	59.92	61.09	59.63	59.63	61.82	24.5	23	30	30.1	28.5	25.5	30.8	22.4	81	95	56	52	56	75	------
26	61.50	61.67	62.67	60.02	60.63	62.04	22.2	20.7	30	32	27.6	25.3	33.9	20.6	87	94	47	46	68	80	------
27	60.84	61.36	62.79	61.26	60.63	62.86	24.5	24.1	29.5	29.1	26.5	23.3	30.7	22.7	79	85	56	57	73	94	.8
28	61.90	62.25	62.62	60.15	60.09	61.73	23.1	22.5	29.4	32.5	28.7	25.4	33	22.1	95	92	59	44	56	80	------
29	60.90	61.19	62.31	59.87	59.68	61.75	23	22.3	30.5	32.5	29.1	25.9	32.7	21.7	91	88	53	48	54	75	------
30	60.42	60.70	61.43	58.70	59.04	60.99	23	21	30.7	32.2	29	25.6	33.5	20.9	83	89	54	46	61	76	------
31	59.96	60.11	61.13	58.59	58.85	60.94	24.2	21.9	30.7	33.1	31.1	27.6	34	21.4	82	94	52	48	56	64	------
Mean	59.50	60	61.05	58.54	58.63	60.35	22.8	20.9	28.9	31.5	28.2	24.9	32.5	20.3	83	89.8	56.2	46.6	59.3	75.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	5.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
													Amount.	Form and direction.		Amount.	Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNW	0	Calm	----	ESE	1	ENE	1	ESE	1	NNW	1	4	Ci. SSE	S.-Cu.	3	Ci.	Cu. E
2	NNW	1	NW	0	E	1	SSE	2	ESE	2	NNW	0	4	Ci.	S.-Cu.	2	A.-Cu.	Cu.-N.
3	NNW	0	N	1	E	1	E	3	ESE	1	NNW	1	2	Ci.	S.-Cu.	2	A.-Cu.	Cu.
4	NNW	1	NNE	0	NNW	1	NNW	0	ESE	2	NNE	0	4	Ci.	S.-Cu.	5	Ci. SE	Cu.-N.
5	NNW	0	NNW	1	ESE	3	E	3	ESE	3	E	1	6	Ci. SE	S.-Cu.	4	Ci.	Cu.
6	NNW	1	NW	0	E	1	E	2	E	2	NW	0	3	Ci.	S.-Cu.	5	Ci.	Cu. ESE
7	NNW	0	NNW	1	NNW	0	SE	1	E	2	NW	1	5	Ci. S	S.-Cu.	3	Ci.	Cu.-N. E
8	NE	1	NE	0	ENE	2	E	4	E	3	ESE	0	2	Ci.	S.-Cu.	5	A.-Cu.	Cu.-N.
9	NNW	0	NNW	1	WNW	0	E	2	E	1	NW	0	3	Ci.	Cu.	5	A.-Cu.	Cu. SE
10	NW	1	NE	0	E	1	E	2	E	1	NNW	1	2	Ci.	Cu.	3	Ci.	Cu.
11	NNW	0	NNW	1	E	1	E	3	SE	2	NNW	0	6	Ci. S	S.-Cu.	6	Ci. S	Cu.-N.
12	NNW	1	NNW	0	NW	1	ENE	1	E	3	NNW	0	4	Ci.	S.-Cu.	8	A.-Cu. SE	Cu. E
13	NNE	0	NNE	1	ENE	2	ESE	4	SE	1	N	0	5	Ci. S	S.-Cu.	5	Ci.-S. S	Cu.-N.
14	NW	1	NE	0	NNW	1	ENE	1	E	3	E	1	8	Ci.-S. S	S.-Cu.	8	Ci. S	Cu.-N. E
15	NE	0	ENE	1	N	0	N	2	ESE	1	NW	1	10	Ci.-S.	N. E	10	A.-S.	N. ENE
16	NW	1	NNW	0	NW	1	ENE	1	ESE	2	WNW	0	5	Ci.	S.-Cu.	8	A.-Cu.	Cu.-N. E
17	NE	0	N	1	NNW	0	ESE	1	ESE	2	E	1	6	Ci.	S.-Cu.	7	A.-Cu.	Cu.-N. SE
18	NW	1	NW	0	E	1	E	3	E	3	NNW	0	4	Ci.	Cu. E	8	A.-Cu.	Cu.-N. E
19	NNW	0	NNW	1	NNW	0	E	3	SE	3	NNE	1	3	Ci.	S.-Cu.	5	A.-Cu.	Fr.-Cu. ESE
20	NNW	1	NNW	0	ESE	1	ESE	2	ESE	3	NW	0	4	Ci. S	Cu. E	6	Ci.	Fr.-Cu. E
21	NW	0	NW	1	NNE	2	NNE	4	E	3	NNW	1	5	Ci.	S.-Cu.	5	Ci.-S. SE	Cu. NE
22	NW	1	N	1	NNE	4	NNW	2	NNE	4	NNE	0	4	Ci.	S.-Cu. ENE	9	A.-S.	N.-cf. NNE
23	NW	0	NW	1	N	1	NNE	2	NE	1	NW	1	7	Ci.	S.-Cu. NNE	9	Ci. S	N. E
24	NW	1	NNW	0	NNE	1	ESE	4	E	2	NW	0	10	Ci.-S.	N. ESE	8	A.-Cu. SW	Cu.-N. E
25	NNW	0	NNW	1	E	3	ESE	6	ESE	4	ESE	1	6	Ci. S	S.-Cu. ESE	6	A.-Cu.	Cu.-N. E
26	NE	1	NNW	0	ENE	1	ESE	4	ENE	2	NW	1	5	Ci. S	S.-Cu.	5	A.-Cu.	Cu.-N. E
27	NE	1	ENE	0	NE	1	ESE	4	ESE	2	NNE	1	7	Ci.	N. E	6	A.-Cu. SE	N. ENE
28	NE	0	NW	1	ENE	1	SSE	4	SE	2	E	1	9	A.-Cu.	N. NE	6	A.-Cu. SE	Cu.-N. E
29	NNW	1	NNW	0	E	3	ESE	4	ESE	3	ENE	0	4	Ci.	S.-Cu.	3	Ci.	Cu.-N.
30	NW	0	NNW	1	NNW	1	ESE	4	E	2	NNW	1	2	Ci.	S.-Cu.	4	A.-Cu.	Cu.-N.
31	NNW	1	N	0	ENE	1	ENE	2	SSW	0	ENE	1	2	Ci.	S.-Cu.	8	A.-Cu. E	Cu.-N. ESE
Mean	------	0.5	------	0.5	------	1.2	------	2.6	------	2.1	------	0.5	4.9	------------	------------	5.7	------------	------------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, −1.69 mm.]

APRIL, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.84	60.41	61.25	58.84	59.16	60.94	25.3	22.8	30.4	33	28.4	25.7	33.9	22.5	77	88	49	48	64	75	------
2	59.84	60.40	61.54	59.12	59.67	61.27	24.1	21.9	30.3	32.3	29	26.5	33.1	21.7	82	88	53	52	61	73	------
3	60.27	60.89	61.64	58.65	59.22	61.32	24.5	23	30.8	35.3	31	27.5	35.5	22.6	79	84	54	40	59	80	------
4	60.21	60.69	61.80	58.71	58.54	60.24	25	23	31.3	34.5	32.8	26.5	36.8	22.7	80	89	56	37	51	76	------
5	59.77	59.95	60.97	58.19	58.02	60.12	24.5	23.7	32.2	36	30.4	28.5	36.5	22.7	83	87	48	38	54	60	------
6	59.07	59.11	59.84	56.81	57.15	59.31	25.5	23.5	31.2	34.5	31	25.1	36	21.2	80	83	58	34	53	79	------
7	58.43	58.56	59.48	56.51	56	58.77	23	23	29.4	33.4	32.6	25.7	35.9	22.2	90	91	58	36	45	75	------
8	58.50	58.78	59.93	57.57	58.07	60.04	24	23.9	28.6	30.5	27.5	25.4	32	23.5	83	80	63	57	69	84	------
9	58.97	59.30	60.12	57.24	57.56	60.07	24.8	24	30.4	35.1	31.6	27.5	36	23.7	89	96	59	37	54	76	------
10	59.15	59.91	60.31	57.35	57.96	60.20	25.5	24.7	31	36.2	30.6	27.1	36.5	24.2	84	86	55	36	58	73	------
11	59.07	59.60	60.62	58.02	58.06	60.77	25.5	24.5	29.2	32.8	28.6	25.2	33.9	24.1	80	88	64	48	63	78	------
12	60.14	60.41	61.44	58.55	59.02	60.42	23.5	22	31	34	29.5	26.9	34.9	21.5	83	91	53	38	59	67	------
13	59.27	60.13	60.82	58.32	58.55	60.45	25	23	31.1	33	29.8	25.9	34	22	76	83	51	42	54	69	------
14	59.40	59.78	60.41	57.99	57.87	59.70	24	21.4	31	33.5	30.3	27.5	34.4	20.9	79	87	50	44	57	69	------
15	58.91	59.24	60.26	56.73	57.79	60.01	25.5	24	31.5	37	27.1	25	37	23.6	76	86	54	39	72	80	------
16	58.04	58.40	59.48	57.61	58.14	59.37	24.4	23.2	31	29.4	25.7	25.7	33.7	22.7	88	95	59	64	80	74	------
17	58.72	58.86	59.49	57.71	57.86	59.75	23	21.5	31	32.8	28.4	26.4	32.9	21	87	95	56	51	64	71	------
18	58.64	59.19	60.38	58.35	57.95	59.90	24.5	23.5	30.9	32.6	30.2	26.4	33.9	22.4	81	87	56	44	54	67	------
19	59.31	59.55	59.53	56.60	56.66	58.68	25	24.4	31.9	35.1	32.1	28.5	36	23.6	76	84	52	39	52	67	------
20	57.79	58.24	58.91	56.51	56.91	58.82	25	23.9	32.9	35	32.1	26.5	37	23.5	83	84	47	39	51	76	------
21	58.15	58.65	59.33	56.53	57.20	59.22	25	24.5	32.1	35.7	32.6	28.1	37.6	23.8	80	82	54	32	44	77	------
22	58.25	58.58	59.52	56.75	57.57	59.35	26	25	32.6	34.5	31.2	26.1	36.2	24.4	84	88	55	39	58	77	------
23	58.16	58.39	59.34	56.79	57.36	58.76	25.6	25.5	31.5	35.5	29.5	28.4	36.4	24.7	81	80	59	39	64	64	------
24	58.22	58.40	58.98	56.35	57.06	59.33	25	23.5	32	33.3	30.4	26.6	35.5	23	83	94	55	46	63	83	------
25	58.74	58.75	59.31	56.48	57.02	59.29	24.8	23.5	32.5	37.2	30.5	25.6	38	23	89	93	49	29	65	79	------
26	58.69	58.99	59.50	57.32	57.42	59.17	25.5	25	32	34	31.5	26.5	35.5	24.5	76	80	49	38	51	73	------
27	58.09	59.04	59.75	56.68	56.96	58.17	26	24	32	35	32.1	28.5	37.4	23	75	84	53	38	54	70	------
28	57.65	58.07	58.76	56.30	57.14	58.31	26.5	25.3	32	36.5	29.5	28.4	37.6	25	82	89	57	39	66	68	------
29	57.49	58.13	58.82	56.95	57.49	58.63	27	24.9	30.9	35.1	24.5	25	37.3	23.4	75	89	60	40	96	93	23.6
30	57.91	58.44	59.37	56.82	56.92	58.74	24	23.7	30	31.4	30	27	34	23.3	96	96	65	58	50	77	------
Mean	58.82	59.23	60.03	57.41	57.74	59.64	24.9	23.7	31.2	34.1	30	26.7	35.5	23	81.9	87.6	55	42	59.5	74.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	23.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	ENE	0	NE	1	SE	3	SE	4	ENE	3	NNE	1	2	Ci.	S.-Cu.	5	A.-Cu.	Cu.-N. E
2	NNW	1	NNW	0	E	3	ESE	4	E	4	NE	0	2	Ci.	S.-Cu.	3	A.-Cu.	Cu.-N. E
3	NNW	0	NNW	1	NW	0	SE	1	ESE	1	NE	1	7	A.-Cu. E	N. ESE	6	A.-Cu.	Cu.-N. ESE
4	NNE	1	NE	0	ESE	1	E	1	SSW	1	NE	0	4	Ci.	S.-Cu.	4	A.-Cu.	Cu.-N.
5	NE	0	ESE	1	ESE	1	SSE	1	SW	1	NE	1	3	Ci.-S.	Cu.	6	A.-Cu.	Cu.-N. ESE
6	WNW	1	SE	0	E	1	NW	2	NW	1	NE	1	4	Ci.-S.	S.-Cu.	5	A.-Cu.	Fr.-Cu. NW
7	NE	1	NNE	1	NW	1	NNW	1	NW	1	SE	2	4	Ci.-S.	S.-Cu.	5	A.-Cu.	Cu.-N. WNW
8	NE	1	Calm	----	ESE	1	ESE	3	ENE	2	NNW	1	7	Ci.	N. S	7	A.-Cu. SE	Cu.-N.
9	NNW	0	NNW	1	NW	1	SW	1	SW	1	NW	0	4	Ci.	S.-Cu.	6	A.-Cu.	Cu.-N. SW
10	NNW	1	NNE	0	NNW	1	WNW	1	ESE	1	NNE	1	7	Ci.-S.	Cu. S	6	Ci.	Cu.-N. WNW
11	NNW	0	NNW	1	E	1	ENE	2	E	2	NW	1	10	A.-S	N. NE	5	A.-Cu.	Cu.-N.
12	NW	1	NNW	0	ESE	1	E	2	ESE	3	NNE	1	3	Ci.	S.-Cu.	6	Ci.	Cu.-N. SE
13	NNW	0	NNW	1	E	1	ENE	4	ENE	3	NNE	1	5	A.-Cu. SE	S.-Cu.	4	A.-Cu. SE	Cu.-N.
14	NNE	1	NNE	0	E	1	ESE	2	ESE	3	ENE	1	3	Ci.	S.-Cu.	5	A.-Cu. E	Cu. ESE
15	NNE	0	NNW	1	ESE	2	SSE	1	WNW	0	NNW	1	4	Ci.	S.-Cu.	6	Ci.	Cu.-N. SE
16	NNE	1	NNE	0	ENE	1	NE	3	NNW	0	SSE	1	5	Ci.	S.-Cu.	8	A.-Cu. E	Cu.-N. SE
17	NNW	0	NNW	1	E	3	E	3	E	3	NE	1	4	Ci.	S.-Cu.	6	Ci. S	Cu.-N.
18	N	1	N	0	ESE	1	E	4	E	4	NNE	1	5	Ci. S	S.-Cu.	4	Ci.	Cu.-N.
19	NNE	0	ENE	1	ESE	1	ESE	2	SE	1	SW	1	6	A.-Cu.	S.-Cu. E	5	Ci.	Cu.-N. E
20	NE	1	NE	0	SE	1	NNE	1	NE	1	NNE	0	5	Ci.	S.-Cu.	7	A.-Cu.	Cu.-N. ENE
21	NNE	0	SE	1	ESE	0	NNW	1	SW	0	NNE	1	4	Ci.	S.-Cu.	6	A.-Cu.	Fr.-Cu. ESE
22	NE	1	E	0	ESE	1	ESE	1	NNW	1	ESE	0	4	Ci.	Cu.	7	Ci.-S.	Cu.-N. E
23	ENE	0	NE	1	NNW	0	WNW	1	NNW	1	NW	0	10	A.-Cu.	N. N	6	Ci.	Cu.-N. W
24	NE	1	ENE	0	E	1	NE	2	SE	0	WNW	2	4	Ci.-S.	S.-Cu.	4	A.-Cu.	Cu.-N. E
25	NNW	0	NNW	1	SE	0	ESE	1	NNW	2	NE	1	4	Ci.	S.-Cu.	6	Ci.	Cu. SE
26	NE	1	NE	0	E	3	E	2	ESE	1	ESE	1	8	Ci.-S.	N. E	4	A.-Cu.	Cu. E
27	ESE	0	NNW	1	E	0	ESE	1	NW	1	NW	1	6	A.-Cu.	Cu. E	4	A.-Cu.	Cu.-N. NE
28	NNW	1	SE	0	SE	1	SSW	1	N	1	NNE	1	4	Ci.	S.-Cu.	5	A.-Cu.	Cu.-N.
29	NNE	0	NNE	1	ESE	1	ESE	1	SSW	1	NNW	0	5	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. NE
30	NNW	1	NNW	0	ENE	1	NNW	2	ESE	2	E	0	6	A.-Cu. SE	S.-Cu.	7	Ci.-S.	Cu.-N. E
Mean	------	0.5	------	0.5	------	1.1	------	1.9	------	1.5	------	0.8	5	------	------	5.5	------	------

SAN ISIDRO.

[ϕ=15° 22′ N ; λ=120° 53′ E ; barometer above sea, 20 meters ; gravity correction not applied, —1.69 mm.]

MAY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.70	57.92	58.87	56.95	57.23	59.65	25.5	25.4	30.7	32.4	27.8	27	34	24	84	84	58	50	74	84	0.3
2	58.27	58.39	59.37	56.59	57.92	59.34	25.6	24.2	30.9	35	29.1	24.4	35.6	23.8	87	95	57	42	64	88	.8
3	58.32	59.29	59.64	57.03	57.01	58.47	23.7	23.5	31.5	34.5	31.3	25.4	35.9	22.5	91	90	53	43	57	82	------
4	58.21	58.64	59.66	57.05	58.13	58.91	25	24	31.4	33.6	26.7	24.4	35.9	23.7	83	91	57	48	74	88	------
5	58.10	58.22	58.89	56.16	56.30	58.19	23.5	23	32.2	35.7	31	25.7	36.6	22.5	90	93	54	39	59	83	------
6	57.21	57.74	58.25	55.74	56.53	58.26	24.5	23.7	32.7	35.4	27.5	25.2	36.4	23.4	87	91	52	43	77	87	3.3
7	57.41	57.46	58.53	55.40	57.07	58.49	24	24.5	33.4	35.6	24.7	25	36.6	23	86	89	51	42	90	92	22.6
8	56.69	57.05	58.18	55.85	55.69	57.77	24.5	23.5	31.2	31.8	31.9	27.6	34.4	23	94	96	61	58	55	76	------
9	56.95	56.89	57.87	55.58	58.19	58.88	25.4	25.4	33.2	34.9	24.1	25	36.1	24	88	88	57	48	95	90	9.1
10	58.29	58.34	59.29	56.99	58.44	60.32	24	24.5	29.5	25.2	25.1	24.4	33.5	23.7	91	92	74	98	93	95	12
11	59.10	59.43	59.90	57.64	58.03	59.70	23.8	23.7	28.4	31.4	26.7	25.6	33.6	23.2	93	95	77	62	90	92	10.2
12	58.77	59.20	59.60	57.14	57.86	59.77	25	24.9	28.6	31.7	29.7	24	32.5	24	92	96	70	59	67	87	------
13	58.42	57.92	58.92	56.43	57.44	58.93	23	22.5	31	33.5	28.6	26	34.9	22.1	90	96	62	56	70	88	1.3
14	57.97	57.59	58.79	56.46	57	59.24	25	24	29.7	34.2	27	26	34.5	23.5	88	96	71	53	78	85	------
15	58.04	58	58.14	56.35	57.31	59.52	25.4	24.5	32	35	28.5	26.8	36	23.8	85	96	63	46	68	84	------
16	58.34	58.79	59.14	56.50	57.12	59.27	25	25.9	32.4	35.8	31.5	28	36.1	24.5	92	87	59	43	66	77	1.3
17	58.29	58.61	59.05	56.76	58.44	60.14	26.5	26.1	31.6	34.2	28.3	25.9	35.6	25.2	84	91	62	47	79	85	8.1
18	59.21	58.29	60.12	57.67	58.08	60.01	24.5	24.7	29.6	34	29.5	27.9	34.5	24	92	95	72	59	79	85	1.8
19	58.87	59.08	60.05	57.04	57.62	59.18	27	26	31.6	35.5	27.5	26	36.2	25	88	93	60	44	73	82	------
20	58.21	58.45	58.99	56.61	56.82	58.60	24.5	23.6	32	35.1	29.8	27.5	35.2	23	91	95	57	41	66	70	------
21	58.01	58.12	58.34	56.62	57.42	59.53	26.2	22.8	31.5	35.2	26.5	26.5	36.5	22.5	75	93	57	35	80	84	13.5
22	58.41	58.27	58.79	57.19	57.94	60.97	25.5	25.2	32.6	34.5	30	26.5	36	24.5	84	91	60	51	74	84	12.2
23	60.26	60.30	60.07	57.87	58.97	60.70	24.4	25.5	31.3	33.7	28.5	25.6	34.5	22.9	95	95	67	57	78	87	3.3
24	59.51	59.75	59.68	56.70	56.61	59.06	25.2	24	30.7	34.7	31.4	28.1	35.1	23	90	95	66	53	60	73	------
25	58.15	58.13	58.26	55.75	56.55	58.03	26.5	24.2	32.4	35.2	31	28.5	35.6	23.4	80	91	55	51	69	81	------
26	57.21	57.48	57.91	55.95	57.24	58.69	26.5	24.7	31.7	35.3	27.8	26.5	35.5	24.4	88	93	65	49	80	84	------
27	57.15	57.93	58.08	55.81	56.53	58.98	26	24.4	32.5	34.7	29.9	26	35.5	24.4	89	97	63	51	72	84	------
28	58.04	58.01	57.98	56.19	56.67	58.31	24.5	24.2	27.3	32.6	28.6	26	34	23.2	92	94	81	60	71	85	1.8
29	57.34	58.11	58.52	57.43	57.23	58.71	25	24.4	30.4	26.1	25.5	25.2	34.1	23.8	88	93	63	92	93	93	21.1
30	57.27	57.48	57.55	55.97	56.33	57.71	24	23.9	27.8	29.6	27.2	26.1	29.9	23.5	97	92	75	67	72	79	------
31	57.04	57.18	57.72	56.13	56.42	58.40	25.5	24	31.3	31.9	29	26.1	32.6	23.5	80	91	62	52	64	79	------
Mean	58.09	58.26	58.84	56.57	57.29	59.09	25	24.4	31.1	33.5	28.4	26.1	34.9	23.6	88.2	92.7	62.6	52.9	73.8	84.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	122.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	E	1	NE	0	ESE	1	SE	1	ESE	1	NNW	1	7	A.-Cu.	N. E	6	A.-Cu. SE	Cu.-N. ENE
2	NNW	1	NNE	0	E	1	ENE	1	ENE	2	NNW	0	10	A.-S.	N. SSE	4	Ci.-S.	Cu.-N. SE
3	Calm	----	NW	1	ENE	2	NE	1	E	2	NNW	1	3	A.-Cu.	S.-Cu.	3	A.-Cu.	Cu. E
4	NNE	1	NNW	0	NNE	1	NNE	2	NW	1	NW	0	5	Ci.	S.-Cu. NE	8	Ci.	Cu.-N. E
5	NW	0	NE	1	NE	1	ESE	1	S	1	NNW	0	2	Ci.	S.-Cu.	4	A.-Cu.	Cu.-N. SE
6	NNE	1	NNE	0	ENE	1	SW	1	NW	1	NW	0	2	Ci.	S.-Cu.	7	Ci.	Cu.-N. SE
7	NW	0	SE	1	SE	0	SSW	0	NW	1	NNW	1	2	Ci.-S.	S.-Cu.	5	Ci.	Cu.-N. ESE
8	NNW	1	NNE	0	NE	1	NE	2	ESE	0	NNE	1	5	Ci.	S.-Cu.	6	Ci.-S.	Cu.-N. E
9	NNE	0	ENE	1	SE	0	SE	2	SE	1	ENE	1	3	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N. E
10	ENE	1	ESE	0	ESE	1	ESE	0	ESE	1	NE	0	10	A.-S.	N. SE	9	Ci.-S.	N. E
11	NE	0	ENE	1	ENE	0	NE	1	SE	1	SW	1	10	A.-S.	N. E	8	Ci.-S.	Cu.-N. SE
12	NE	1	NE	0	ENE	1	ENE	1	SSE	1	NE	1	7	Ci. NE	S.-Cu. SE	7	Ci.-S. NE	Cu.-N. S
13	NNE	0	NE	1	ENE	1	SSE	1	SE	0	NW	1	6	Ci. E	S.-Cu.	7	Ci.-S.	Cu.-N. S
14	NW	1	NNW	0	E	0	SSW	2	ENE	1	E	1	6	Ci. NE	S.-Cu.	6	A.-Cu. NE	Cu.-N. S
15	ENE	0	ENE	1	SE	1	SSW	1	SW	1	ENE	0	6	Ci.-S. NE	S.-Cu.	4	Ci.-S.	Cu.-N. S
16	ENE	1	SE	0	SW	0	NW	1	ENE	1	ENE	1	7	Ci. NE	S.-Cu.	9	Ci. SE	Cu.-N.
17	ESE	0	ESE	1	E	1	NW	1	NNW	2	SW	1	6	Ci. NE	Cu.	7	Ci.-S.	Cu.-N. SW
18	SE	1	SE	0	SSE	1	SSW	1	ESE	2	NW	1	10	A.-S.	N.	6	Ci. E	Cu.-N. SSE
19	NE	0	SSE	1	ENE	0	SSE	1	SE	1	SE	0	5	Ci.	S.-Cu.	6	Ci.	Cu.-N. SE
20	NE	1	NE	0	NE	1	ESE	2	ENE	1	E	1	3	Ci.	S.-Cu.	7	A.-Cu.	Cu.-N. SE
21	NE	1	NE	1	ESE	1	E	1	NE	1	NE	1	3	Ci.	Cu.	5	Ci.	Cu. SE
22	NE	1	NE	0	ESE	1	SW	1	SE	0	ESE	1	4	Ci. NE	S.-Cu.	7	Ci.-S.	Cu.-N. SE
23	ENE	1	ESE	1	ESE	1	SE	1	ESE	1	NW	0	3	Ci.	S.-Cu.	8	Ci.	Cu.-N. E
24	NW	1	NNW	0	NNW	1	ESE	0	SE	1	ENE	1	7	Ci. NE	Cu. E	5	Ci. NE	Cu. E
25	ENE	1	E	1	SW	1	SW	1	SE	1	NE	1	9	Ci.-S. NE	S.-Cu.	7	Ci.-S.	Cu.-N. E
26	ESE	1	NNE	1	SSW	0	SW	2	ESE	1	ESE	0	8	Ci.-S. NE	S.-Cu.	6	Ci.-S. NE	Cu.-N.
27	ESE	0	NE	1	SW	1	SW	2	SSE	1	E	1	6	Ci. NE	S.-Cu.	7	Ci. N	Cu.-N. SW
28	ESE	1	ESE	0	NW	1	SW	1	SE	1	NE	1	10	Ci.-S.	N.	6	A.-Cu. NE	Cu. SSW
29	NE	0	ENE	1	ESE	1	SE	1	N	1	NNW	1	9	Ci.-S. NE	S.-Cu. S	10	Ci.-S.	N. SE
30	NNW	1	ENE	0	E	1	SE	1	ESE	1	NNE	0	5	Ci. NE	S.-Cu.	10	A.-S.	N. NE
31	NNE	0	E	1	SE	1	E	3	E	2	NE	1	7	Ci. NE	S.-Cu. ESE	7	Ci.-S.	Cu.-N.
Mean	------	0.6	------	0.5	------	0.8	------	1.2	------	1.1	------	0.7	6	------	------	6.6	------	------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

JUNE, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.67	57.78	58.23	56.60	57.02	59.24	25.5	23	31.7	34.5	30.4	25.6	35.1	22.4	80	91	60	44	68	84	-----
2	58.27	58.37	59.13	56.66	56.53	58.07	25.2	24.5	32.6	33.5	30.1	28.4	34	23.2	82	92	57	47	58	69	-----
3	57.16	57.69	58.12	56.62	56.67	58.12	27.5	24.9	32.5	33.1	30.5	27.5	33.6	24	73	88	51	49	58	76	-----
4	57.85	58.66	58.63	57.16	57.24	58.44	26.4	25.3	31.5	32.9	29.4	26.6	33.1	24.6	81	85	58	51	59	76	-----
5	57.94	58.36	58.21	56.71	56.95	58.89	25.4	23.5	33.2	34	30.9	28.5	34.5	22.2	80	87	52	47	55	64	-----
6	57.19	57.54	58.09	56.84	57.12	58.97	27	25.2	32.6	32.8	30.2	28	33.6	24	70	82	54	54	65	74	-----
7	58.21	58.52	58.70	56.90	57.10	59.07	25.6	24.6	33.3	36.2	31.2	29	37	23	87	90	52	42	55	67	-----
8	58.67	58.84	58.96	57.14	57.72	59.64	27.2	26	34.4	35.6	31.4	28	37.5	24.5	75	84	50	42	63	77	-----
9	58.42	58.44	58.82	56.34	57.65	58.62	26	25.7	33.4	37.5	29.2	27.5	37.6	25	88	86	56	43	70	84	-----
10	58.09	58.53	58.32	56.05	57.64	58.87	26	26.1	33.5	37.2	24.5	26.4	37.9	24.5	88	91	58	43	96	79	11.9
11	58.15	58.38	58.38	56.21	56.44	58.62	25	25.4	32	34.6	31.4	27.7	36	23.9	85	90	61	46	48	72	-----
12	57.89	58.16	58.94	57.42	57.56	59.25	26.5	25	31.3	31.5	31	26.6	34.5	24	80	92	58	59	59	80	-----
13	58.81	58.94	60.43	57.98	59.01	60.79	25	24.6	29	31.5	25.6	24	33.4	24	88	91	71	61	79	96	6.3
14	59.34	59.66	59.87	57.92	58.09	59.44	23.5	23.2	28.7	30.6	30	27	31.5	23	96	95	74	63	66	80	25.7
15	59.01	59.92	59.88	57.44	58.59	60.49	24.1	25.2	31	35.2	25	24.6	35.6	23.5	95	91	68	51	92	91	1
16	59.14	59.56	60.20	57.91	58.84	59.96	24	23.6	28.7	33	26.5	24.5	33	22.6	93	95	75	60	77	91	-----
17	59.46	59.68	59.89	57.42	58.34	59.88	23.2	22.2	31	33.9	26.4	26	34.8	22	94	98	65	48	89	89	-----
18	58.94	59.17	59.25	57.76	57.72	58.83	24.9	24.2	31.2	31.2	30	25.3	32	23.4	89	94	61	66	68	89	1.5
19	58.31	58.40	58.11	56.57	56.70	57.90	24.5	24.3	28.7	31.4	27.4	24.6	31.5	23.5	92	93	76	63	76	91	1.3
20	57.09	56.75	57.28	56.17	56.07	57.14	24.4	24.7	29.4	30.3	27.3	25	31.7	23.5	93	94	71	65	86	92	3.1
21	55.96	56	56.10	55.60	55.61	56.31	24.5	24.5	28.9	29.5	27.4	25.4	31.1	24	92	92	75	71	81	93	14
22	55.88	57.28	57.45	56.03	56.15	58.46	25	22	24.4	28	28.2	24	30	22	88	96	92	74	80	95	9.9
23	57.26	57.32	57.54	57.15	58.43	59.57	23.8	23.1	26.9	31.4	24.8	24.5	32	23	93	96	74	55	85	92	1
24	57.82	58.25	58.88	57.08	57.88	59.49	23.8	23.2	30	33.2	30	26	34	22.8	93	91	65	46	68	81	-----
25	58.31	58.31	58.69	56.54	57.52	58.34	25	24.1	31.4	34.2	25.2	26.7	34.6	23.5	85	95	62	55	94	91	5.8
26	57.50	57.87	58.47	56.01	56.32	58.22	25.7	24.9	32	34.5	30	27.9	34.6	24.4	90	94	66	57	71	85	-----
27	57.45	57.14	57.67	55.56	57.27	59.16	25.7	25	31.8	28.2	24.5	24	33.7	23.5	90	92	59	72	96	96	1.8
28	58.02	57.55	57.89	56.77	57.09	60	24	23.4	29	33	30	22.3	34	22	91	97	78	56	70	97	41.9
29	58.88	59.16	59.29	57.30	57.98	59.41	23	23.1	29.5	30.5	29	26.5	33.2	22	91	95	68	72	78	88	2
30	58.77	59.05	59.73	57.12	57.34	58.84	24.6	24	31.2	34	30	27	34.3	23.4	95	96	61	50	71	84	-----
Mean	58.05	58.31	58.64	56.83	57.35	58.93	25.1	24.3	30.8	32.9	28.6	26.2	34	23.4	87.2	91.8	64.3	55.1	72.7	84.1	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	127.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	E	0	NE	1	ESE	1	ESE	0	NW	1	3	Ci.	S.-Cu.	5	Ci.	Cu.-N. SE
2	NE	0	ENE	1	SE	1	ENE	3	ESE	4	ESE	2	2	Ci.	Cu.	4	A.-Cu. E	Cu.-N. SE
3	ENE	1	NNE	0	E	4	ENE	4	ENE	4	NE	0	3	Ci.	S.-Cu.	3	Ci.	Cu.
4	ENE	0	ESE	1	E	5	E	4	ESE	2	ESE	1	7	Ci. NE	S.-Cu. SE	8	Ci.-S.	Cu.-N.
5	ENE	1	NNW	0	ESE	2	ESE	5	ESE	2	SE	0	4	Ci. NE	Cu.	6	Ci. NE	Cu.-N.
6	ENE	0	NE	1	ESE	2	ENE	5	ESE	2	SE	1	2	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N. ESE
7	ENE	1	NNE	0	NE	1	SE	1	ESE	1	ENE	0	2	Ci.	S.-Cu.	5	Ci.	Cu.-N. ESE
8	ENE	0	NE	1	SSE	1	ESE	0	SSE	1	SE	1	3	Ci.	S.-Cu.	6	Ci.	Cu.-N. NE
9	SE	1	SE	0	SSE	1	SSW	1	NE	1	ENE	0	5	Ci.	S.-Cu.	5	Ci.	Cu.-N.
10	ENE	0	ESE	1	NNW	0	SSW	1	NW	3	ESE	1	4	Ci. NE	S.-Cu. SE	7	A.-Cu.	Cu.-N. SE
11	ESE	1	ESE	0	NNW	1	NNW	1	ESE	2	ENE	0	3	Ci.	Cu.	6	Ci.	Fr.-Cu. ESE
12	ENE	0	NE	1	ENE	0	ESE	3	SE	0	ENE	1	4	Ci. NE	Cu.	8	A.-S. NE	N. SE
13	ENE	1	NE	0	NE	1	NW	1	SSE	0	NNW	0	8	Ci.-S.	S. SE	9	A.-S.	N. SE
14	NNW	0	NE	1	NNW	0	NE	0	SE	1	SE	1	7	Ci. SE	S.	8	Ci.-S.	Fr.-N. E
15	SE	1	ESE	0	SE	1	SSW	1	NW	2	NW	0	7	Ci. E	Cu. SSW	7	Ci. SE	Cu.-N.
16	NW	0	ESE	1	SSE	0	SSW	1	NW	3	ENE	1	7	Ci.-S.	N. SE	7	Ci.	Cu.-N. S
17	ENE	1	ENE	0	SSE	1	SSW	1	NE	1	SE	0	6	Ci.	Cu.	8	Ci. E	Cu.-N. SW
18	ESE	0	SE	1	SSW	2	SSE	2	SSW	1	SSE	1	8	Ci.-S.	N. SW	9	A.-Cu.	N. SSW
19	ESE	1	ESE	0	SSW	1	SSW	2	SW	1	ESE	0	10	A.-S.	Fr.-N. SSE	8	Ci.-S.	N. SW
20	ESE	0	SE	1	SSW	3	SSW	4	SSW	1	SSW	2	7	Ci.	N. SW	9	Ci.-S.	N. SW
21	SSE	1	SSE	0	SSE	2	SSW	1	SSW	1	ESE	1	10	Ci.-S.	N. S	10	Ci.-S.	N.-cf. SW
22	ESE	0	SE	1	SE	1	ESE	1	SSE	0	ESE	0	10	A.-S.	N. S	10	Ci.-S.	Fr.-N.
23	ESE	1	ENE	0	NNW	0	SSW	1	ESE	1	ESE	1	9	Ci.-S.	N. S	7	A.-Cu. SEbyE	Cu.-N.
24	ESE	0	SW	1	E	1	NW	0	NNW	2	SW	1	6	Ci. W	S.-Cu.	7	Ci. SW	Cu.-N.
25	NNE	1	NNE	0	ESE	1	SE	0	NNW	1	ESE	1	4	Ci.	S.-Cu.	5	Ci.-S.	Cu.-N. E
26	ENE	0	NE	1	SE	0	SSW	1	SSE	1	ESE	0	8	Ci. W	S.-Cu.	8	Ci.-S. W	Cu.-N. SE
27	ESE	1	ENE	0	NE	1	SW	3	NE	1	SE	0	4	Ci.	Cu. SE	8	Ci.-S.	Cu.-N. S
28	SE	0	NNW	1	E	0	SSE	1	ESE	0	E	1	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. S
29	ENE	1	NW	1	E	0	SSW	1	S	0	NE	1	6	A.-Cu. W	N.	6	Ci. E	Cu.-N.
30	ESE	0	ESE	0	E	1	NE	0	ESE	1	ESE	1	4	Ci. E	Cu.	5	Ci.-S.	Cu.-N. E
Mean	------	0.5	------	0.5	------	1.2	------	1.7	------	1.3	------	0.7	5.6	------	------	7	------	------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

JULY, 1909.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.91	57.62	58.12	56.04	55.84	57.63	25	24.4	30	31.5	28.2	25.8	33.4	23.7	92	93	67	57	73	84	------
2	56.31	55.97	56.62	55.19	55.63	57.95	23.8	22.5	31.5	31.5	30.2	25	34	22.2	93	97	58	69	70	90	2.3
3	56.34	55.32	57.10	55.15	55.56	58.25	23.9	23.5	30	34	28.9	25	34.3	22.6	92	96	66	51	78	90	.3
4	57.14	57.21	58.17	56.68	56.57	58.55	24	23.5	26.8	29.2	28.2	26.5	31	23	91	96	87	74	76	82	5.1
5	57.81	57.28	58.04	56.71	56.71	58.41	24.5	23.5	29.5	30.5	29.4	26.1	32	23	96	92	64	60	65	76	8.6
6	58.11	58.02	58.45	56.64	56.44	57.95	23.3	23.5	26	29	27.4	23.9	29.8	23.3	93	96	85	68	74	92	5.6
7	56.95	56.96	57.71	56.99	56.46	57.44	23.6	23	26.7	24.5	26.1	25	28.9	22.8	92	97	83	96	87	84	14.7
8	56.70	57.17	57.76	56.33	56.97	58.47	24.1	23.7	25.5	28.4	24	24	29.5	23.2	91	95	86	82	96	96	13.7
9	57.51	57.38	57.81	56.25	56.67	58.31	23.5	23.4	30	30	25.5	24.4	31.4	23	97	96	67	65	86	88	------
10	57.48	57.41	57.68	56.38	56.71	58.10	24	23.9	28.6	31.2	25	24.5	31.5	23.4	91	92	75	62	92	92	6.1
11	57.16	56.47	56.99	55.63	56.03	57.74	24	24	29.2	32.2	25.3	24.5	32.4	23.1	93	93	71	57	94	96	13.5
12	56.41	55.99	56.51	54.88	56.06	57.23	23.9	23.4	28.1	31.5	23.6	24	31.9	23	97	97	74	63	97	97	38.4
13	55.84	55.93	56.61	55.13	56.01	58.23	24	23.5	24.7	27.5	23.5	23.8	27.9	23.1	96	97	96	79	96	97	21.8
14	56.92	57.27	58.07	56.95	57.43	59.15	23.5	23	28	29.2	27.8	24.5	29.6	22.8	96	96	77	66	79	91	.8
15	57.52	58.83	58.55	57.61	58.09	60.41	23.5	23	29	31.9	29.6	25	33	22.7	96	96	68	54	67	88	------
16	59.26	59.26	59.85	57.72	58.09	59.64	23.8	22.5	30.6	32	26.2	24.1	33	22.1	93	96	65	57	86	89	------
17	57.80	57.23	57.73	56.21	56.53	57.70	23.5	23.5	24	28	27.3	24	29.6	23	96	96	87	81	75	96	16.5
18	56.88	56.71	57.42	56.48	57.06	59.04	24	23.5	29.6	26.6	26.8	24	31.8	23	96	97	70	83	83	96	82.3
19	58.01	58.23	58.56	57.29	58.29	59.95	24	23.9	29	32.5	25.4	25	33.1	23	91	97	76	62	93	95	3.8
20	58.60	58.96	59.15	57.77	58.27	59.26	24.2	23.7	29.5	31	24	24.2	31.6	23.2	95	96	71	69	96	96	6.9
21	57.98	57.83	58.61	56.88	57.21	58.45	23.5	23.5	29	27	26.9	24	31.6	23	96	97	71	89	85	96	12.2
22	57.66	57.26	57.79	55.53	56.15	58.60	23.8	23.7	27.8	31.7	27.5	25.6	32.3	23.1	97	97	82	59	81	92	1.3
23	57.70	57.46	57.87	56.27	56.32	57.41	24.4	24.2	30	28.5	28.5	26	32	23.6	95	96	68	78	78	91	------
24	56.60	56.38	56.90	55.04	55.26	56.76	25	24.2	28	31	27.6	25.5	32	24	92	95	81	66	84	94	17.8
25	56.46	55.27	55.98	55.21	55.67	55.81	23	22.7	28.6	26.5	26.6	25.4	31	22.2	96	97	77	91	92	93	8.1
26	55.42	54.77	55.44	53.80	54.16	55.61	24.4	24.1	28.6	26.6	26.5	25	29.3	23.9	97	97	79	93	92	96	7.6
27	53.93	53.98	54.57	53.05	52.66	53.84	24.5	24.4	25.7	27	25	24.8	------	24	96	97	93	88	95	93	97
28	51.98	51.27	52.14	50.77	50.29	50.94	24	24.5	25.1	25.7	24.9	24.5	------	23.5	98	97	96	92	96	96	61
29	49.18	48.85	50.94	51.22	51.47	54.49	24	24.9	24	25	24.8	24.2	------	23.5	96	90	95	96	92	95	18.3
30	54.60	55.18	57.33	56.22	57.03	57.46	23.9	23.8	24.4	25.1	25.8	24.7	------	23.6	96	94	94	95	90	98	9.7
31	56.96	57.82	58.03	56.96	56.32	57.84	24.6	24.6	28.8	27.7	28.8	26.1	------	24	97	97	79	87	79	92	.8
Mean	56.62	56.53	57.18	55.77	56.06	57.63	24	23.7	27.9	29.2	26.6	24.8	31.5	23.1	94.6	95.6	77.7	73.8	84.7	92	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	474.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	ESE	1	SE	0	SE	1	ESE	1	ESE	0	SW	1	3	A.-Cu. E	S.-Cu.	6	A.-Cu. E	Cu.-N.
2	ENE	0	ENE	1	ENE	1	SE	2	SE	1	NE	0	3	Ci.	S.-Cu.	7	Ci.	N.-cf. ESE
3	ESE	1	ESE	0	ENE	0	ESE	1	ESE	0	NE	1	5	Ci.	Cu.	6	A.-Cu.	Cu.-N. E
4	NE	0	ENE	1	ESE	1	NNE	0	ESE	1	ESE	1	7	Ci. E	N.	9	Ci.-S.	Fr.-N.
5	NE	1	NE	0	ESE	0	ESE	2	ESE	2	E	1	8	Ci.-S.	N.	8	Ci.-S.	Cu.-N.
6	ESE	1	SE	1	NE	0	NE	1	SE	1	NNE	1	10	A.-S.	N.	9	Ci.-S.	N. ESE
7	NNE	1	ENE	0	NE	1	SW	1	ENE	1	ESE	2	10	Ci.-S.	N. SE	10	A.-S.	N. SE
8	ENE	0	ENE	1	ENE	1	SSW	0	ESE	1	ESE	1	9	Ci.-S.	N. SE	10	A.-S.	N. SSE
9	SE	1	E	0	SSE	2	SSW	2	S	1	SSE	1	9	Ci.	S.-Cu. S	10	Ci.-S.	Cu.-N. S
10	SSE	0	SSE	1	SE	1	SSW	1	SSW	1	ESE	0	9	Ci.-S.	S.-Cu. S	8	A.-Cu.	N. SW
11	ENE	1	ENE	0	SSW	1	SSE	1	SE	1	NE	1	7	A.-Cu.	Cu. SW	9	Ci.-S.	N. SW
12	ESE	0	ESE	1	ENE	1	SSW	2	Calm	----	ESE	0	6	Ci.	Cu. SW	7	Ci.-S.	Cu. NW
13	SE	1	SE	0	SSE	1	S	2	SSW	3	S	2	10	A.-S.	N. SSW	10	A.-S.	N. SSW
14	SSW	1	S	1	SSE	1	S	1	SSE	0	SE	1	9	A.-S.	N.	10	Ci.-S.	Fr.-N. S
15	SE	0	E	1	NE	1	SSW	1	SSE	1	SE	1	9	Ci.-S.	S.-Cu.	10	Ci.-S.	N.-cf. SE
16	ENE	0	NE	1	NE	1	NNW	2	SSW	1	SSE	1	4	Ci.	S.-Cu.	6	Ci.-S.	Cu.-N. N
17	ENE	1	ESE	0	E	1	NE	1	ESE	1	NE	1	10	A.-S.	N.	8	Ci.-S.	N. E
18	ESE	0	SE	1	ENE	1	ESE	4	ESE	2	ESE	1	10	Ci.-S.	S.	10	A.-S.	N. E
19	SE	1	E	0	ESE	0	SSW	1	ESE	1	ESE	0	10	Ci.-S.	S.	8	Ci.-S.	Cu.-N. SE
20	ESE	0	ESE	1	SSE	0	SSE	1	SSE	1	ESE	1	8	Ci.	S.-Cu.	9	Ci.-S.	N.-cf. SSW
21	ESE	1	ESE	0	ENE	1	SE	0	SSW	1	NE	1	7	Ci.	Cu. N	8	Ci.-S.	N. NE
22	NE	0	Calm	----	SE	1	SW	1	SE	1	SE	0	10	Ci.	S.	7	Ci.-S.	Cu.-N. S
23	ESE	0	ENE	1	ESE	1	SE	2	ESE	0	SE	1	7	Ci.-S.	S.-Cu.	10	Ci.-S.	N. S
24	ENE	1	NE	0	SE	0	ESE	1	SSW	1	NNE	0	9	Ci.-S.	N.	8	Ci.-S.	Cu.-N. SE
25	NE	0	NE	1	ESE	1	SSE	0	NNW	0	E	1	6	Ci.	S.-Cu.	10	Ci.-S.	N. SW
26	ESE	1	ESE	0	SSE	0	SE	1	SSE	1	SSW	0	9	Ci.	S.-Cu. SW	10	Ci.-S.	N. SSW
27	SSE	1	SSE	1	S	2	SSW	3	SSW	2	SSW	3	10	Ci.-S.	N. SW	7	Ci.-S.	N. SSW
28	SSW	2	SSW	1	SSW	2	SW	1	SSE	2	SW	2	10	Ci.-S.	N. SSW	10	Ci.-S.	N. SW
29	SSW	4	SSE	4	SSW	2	SW	1	WSW	1	SW	1	10	Ci.-S.	N. SW	10	Ci.-S.	N.-cf. WSW
30	SSW	0	SSE	1	SSW	1	SSE	1	Calm	----	Calm	----	8	Ci.-S.	S.-Cu.	10	Ci.-S.	N. SW
31	SSW	1	SSW	0	SW	1	SW	0	Calm	----	NNW	0	9	Ci.	N. SW	8	Ci.	N. WSW
Mean	------	0.7	------	0.6	------	0.9	------	1.2	------	0.9	------	0.9	8.1	------	------	8.6	------	------

SAN ISIDRO.

[φ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

AUGUST, 1909.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.84	57.35	57.80	56.18	56.16	57.61	25.4	25.9	30.1	28.5	26.2	26	------	25	93	93	77	83	89	95	1.5
2	56.27	56.52	56.72	55.72	55.91	56.90	25.5	25.5	30.5	30.8	24.5	25.5	------	23.6	94	96	72	76	96	93	22.9
3	56.40	56.17	56.91	55.74	55.74	57.48	24.9	24.6	28.9	29	28.2	26.2	------	24.3	92	94	80	77	83	94	------
4	56.60	56.86	57.09	55.69	56.26	57.95	25	24.7	30.4	30.6	25	25.5	------	24.4	96	95	74	69	96	92	8.9
5	56.89	56.90	57.94	56.37	57	58.64	25	24.6	28.9	30.2	27	24.9	------	24.2	95	95	78	77	92	94	1
6	57.46	57.37	58.21	57.63	57.66	59.32	24.5	23.5	29.1	28	27.5	26.2	------	23	94	96	77	81	85	90	1
7	58	57.83	58.44	56.79	56.87	59.12	24.9	24.6	31.4	31.6	29	26.7	------	24	94	96	68	67	81	90	1
8	58.21	58.57	59.22	57.43	57.32	59.34	25.2	25.5	30.3	33	29	26.5	------	24.9	94	94	71	57	71	87	------
9	58.11	58.97	59.69	58.57	58.71	60.22	24.5	24	30.5	29.2	29.6	26.6	------	23.4	94	93	65	70	74	79	------
10	58.86	59.29	59.74	58.07	57.99	60.03	25	24	29.7	31.2	29.5	27	------	23.5	83	96	71	64	75	88	------
11	58.96	59.14	59.15	56.98	56.92	59.08	25	24	29.5	34	29.5	28.2	------	23.5	93	95	66	53	77	83	------
12	57.89	58.21	58.49	56.48	56.18	58.33	26.2	25	29.6	33.5	29.9	27.2	------	24.4	94	92	69	56	68	84	------
13	58.21	58.60	59.43	57.57	57.46	59.81	25.4	25.5	30.5	34.2	32.2	27.5	------	24.8	93	92	68	51	62	91	1.3
14	58.77	58.95	59.32	57.59	59.31	59.96	26.5	26	30.5	34.5	24	23	------	21.5	93	94	72	52	96	96	53.1
15	58.70	58.68	59.20	57.08	56.48	58.42	22.5	23.2	28.6	32	24.6	24.2	------	22.2	96	97	77	64	95	91	2
16	57.70	57.62	57.99	56.06	56.19	57.51	24	23.6	29	30.2	27.9	26.2	------	23.4	95	97	74	68	82	90	.5
17	57.07	57.27	57.83	55.91	56.59	58.59	25.5	24.9	30	32	26.5	26	------	24.1	89	93	71	60	83	87	1
18	57.84	58.06	58.88	56.98	58.05	59.84	24.6	24.4	30	32.9	26	24.6	------	23.9	95	93	72	55	92	93	1
19	58.90	58.80	59.79	57.56	58.08	59.98	24.2	24.5	29	32.5	28.1	23.5	------	23	94	92	76	60	82	96	3
20	58.71	58.77	58.88	56.51	57.10	59.21	23.4	23	29	32.6	28.5	25	------	22.8	97	97	70	57	81	92	------
21	57.89	58.38	59.32	57.24	58.07	59.36	24.5	24.1	26.5	31.5	27.5	25	------	23.6	96	96	84	54	85	91	------
22	58.34	58.71	58.94	56.89	58.13	59.71	24	23.8	29.5	33	27.5	25.6	------	23.5	96	97	68	55	78	91	------
23	58.27	58.64	59.32	57.16	57.46	58.99	24.4	23.5	31.6	33.5	30.5	27	------	23	95	97	66	50	59	78	------
24	58.29	58.79	59.11	57.60	57.42	58.98	25	24	31.5	32.8	30.8	26.4	------	23.2	92	91	63	53	52	78	------
25	58.21	58.50	58.71	56.70	56.84	58.19	26	25	31.5	34.7	32	26.8	------	23.9	84	88	58	45	58	84	------
26	57.59	58.34	58.07	55.71	57.21	58.58	25.7	24.5	30.4	34	25.8	24.4	------	23.5	89	91	61	51	87	88	5.1
27	58.27	58.71	58.89	56.42	56.84	59.36	24.5	24	30.6	34.5	32	23	------	22.5	89	96	69	54	52	96	19.3
28	58.16	58.21	58.99	56.55	56.86	58.54	23.2	23	29.5	33.8	29.4	25.7	------	22.4	97	97	75	55	74	91	------
29	57.81	57.87	58.34	56.42	57.19	58.74	25.2	24	31	34	26	24.5	------	23.5	90	96	66	57	88	92	1.3
30	57.66	57.86	58.45	56.42	57.09	58.52	23.9	22.9	30.7	33.4	27	25.5	------	22.6	91	97	67	57	84	88	------
31	57.81	58.30	59.14	57.13	57.15	58.65	24.8	25	25.5	27.7	27.6	25.8	------	24.1	92	92	92	76	80	89	1.3
Mean	57.89	58.14	58.65	56.81	57.17	58.87	24.8	24.3	29.8	32	28	25.7	------	23.5	92.9	94.5	71.5	61.4	79.3	89.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	125.2

Day.	Wind. 2 a. m. Direction.	Force.	6 a. m. Direction.	Force.	10 a. m. Direction.	Force.	2 p. m. Direction.	Force.	6 p. m. Direction.	Force.	10 p. m. Direction.	Force.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	1	SE	0	SSW	1	NNE	1	NE	0	SE	0	6	A.-Cu.	S.-Cu. S	8	Ci.-S.	Cu.-N. sw
2	NE	0	NE	1	SSE	1	SE	0	SE	0	SE	1	8	Ci.	Cu. S	8	Ci.	Cu.-N.
3	SE	1	SE	0	SSW	1	SW	2	SSW	1	SE	1	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. sw
4	SSE	1	SSE	1	SSE	2	SSW	3	NNW	1	ESE	1	9	Ci.-S.	N. S	8	A.-Cu.	Cu.-N. S
5	SE	0	SE	1	SSW	2	SSW	2	SSW	1	NNE	1	9	Ci.-S.	S.-Cu. SSE	9	A.-Cu.	Cu.-N. SSE
6	NE	0	NE	1	SE	1	SSW	2	SSE	1	SSE	0	4	Ci.	S.-Cu. SSW	9	A.-Cu.	N. SW
7	SE	1	SE	0	SSE	1	SSW	1	NNW	0	SSE	1	4	Ci.	S.-Cu.	8	A.-Cu. W	Cu.-N. sw
8	SSE	0	SSE	1	SSE	0	SSW	2	SW	1	NE	0	6	Ci. NE	S.-Cu.	7	Ci. NE	Fr.-Cu. wsw
9	ESE	1	ESE	0	ESE	1	NW	2	SW	0	ESE	1	6	Ci. NE	S.-Cu.	8	Ci.-S. NE	Cu.-N.
10	ENE	0	NNE	1	WSW	0	SW	1	SSW	1	ESE	0	6	Ci. NE	S.-Cu.	9	Ci.-S.	Cu.-N.
11	NNW	1	NNW	0	WSW	1	SSW	1	SW	1	SE	0	8	A.-Cu. SW	S.-Cu. W	5	Ci.	Cu. WSW
12	SSE	0	ESE	1	NE	1	ESE	1	WSW	1	ENE	1	6	Ci. NE	S.-Cu.	5	Ci.	Fr.-Cu. W
13	ENE	1	ENE	0	SE	1	SSW	0	Calm	----	SW	1	8	Ci.	Cu. W	6	Ci. NE	Cu.-N. W
14	ENE	0	ENE	1	NW	1	WSW	1	ESE	2	ESE	0	7	A.-Cu.	S.-Cu. NW	5	Ci.	Cu.-N.
15	SE	1	SE	0	SE	1	SSE	1	NW	4	ESE	1	6	A.-Cu.	S.-Cu. W	7	Ci. NE	Cu.-N. wnw
16	ENE	0	NE	1	WSW	1	NW	2	Calm	----	ENE	1	5	Ci. NE	S.-Cu.	7	Ci.	N. WNW
17	NE	1	NW	0	SW	0	NW	1	NE	0	ESE	1	5	Ci.	S.-Cu.	7	Ci.	Cu.-N. wnw
18	NE	0	NNE	1	SE	1	SW	1	SSW	1	SE	0	5	Ci.	S.-Cu.	5	Ci. NE	Cu.-N.
19	SE	1	ESE	0	SSE	0	SE	1	SE	1	NNW	1	8	Ci. NE	S.-Cu. S	7	Ci. NE	Cu.-N. SSW
20	NNW	0	NNW	1	WNW	1	SSW	1	NE	1	NNW	0	6	Ci. NE	S.-Cu.	7	Ci.-S.	Cu.-N. sw
21	NNW	1	NW	0	NNE	0	NNW	1	NE	1	NE	1	8	Ci.-S. NE	S.-Cu.	6	Ci.-S.	Cu.-N.
22	NE	0	NE	1	NNW	1	NNW	1	SSE	2	NNW	0	3	Ci.	S.-Cu.	5	Ci.-S.	Cu.-N.
23	NW	1	NNW	0	SSW	1	ESE	2	ESE	2	SE	0	5	Ci.	S.-Cu.	4	Ci.	Cu.-N.
24	ESE	0	E	1	SSE	0	ESE	4	E	2	ESE	1	1	Ci.	S.-Cu.	5	A.-Cu.	Cu.-N.
25	NE	1	NNE	0	ESE	1	ESE	0	NNW	1	NNE	0	2	Ci.	S.-Cu.	4	Ci. NE	Cu.-N.
26	ESE	0	SE	1	NNE	2	NNE	1	NE	4	NNE	1	7	Ci. NE	S.-Cu.	5	Ci. NE	Cu.-N.
27	NNE	1	NE	0	ENE	1	ESE	1	NE	4	NE	1	7	A.-Cu. NE	S.-Cu.	4	Ci.-S.	Cu.-N.
28	NE	0	NNW	1	WSW	1	ENE	1	ESE	0	NW	1	6	Ci. NE	S.-Cu.	7	Ci.-S. E	Cu.-N.
29	NNW	1	NNW	0	SE	0	SSE	1	NE	2	NNW	1	5	Ci. NE	Cu.	7	Ci. NE	Cu.-N. SE
30	NE	0	NE	1	NE	1	SE	2	NE	1	NNW	1	6	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N. SE
31	NE	0	ESE	1	ENE	0	ESE	1	NE	1	NNW	1	9	Ci.-S.	N. E	9	A.-S.	N.
Mean	------	0.5	------	0.5	------	0.8	------	1.3	------	1.2	------	0.6	6.1	------	------	6.6	------	------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

SEPTEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.89	58.20	58.48	56.32	56.97	58.83	24.5	23.5	30	33	29	26	------	23.2	91	97	62	54	81	88	1.8
2	58.24	58.10	58.92	57.06	56.97	58.54	24.9	24.5	29.5	31.5	29.4	26.4	------	23.9	91	96	70	62	74	85	------
3	57.91	58.10	58.21	57.29	57.54	59.03	25	24.9	27.7	28.5	27	26.2	------	24	93	93	81	79	89	94	1.6
4	57.91	57.92	58.37	55.88	56.05	57.73	25	24.5	26.6	31.5	28.8	25.2	------	23.8	96	94	86	62	72	93	.5
5	56.39	56.76	57.33	54.98	55.34	57.33	24.5	24.2	27.5	32	29.2	25.1	------	23.8	92	94	81	61	73	90	------
6	56.01	56.29	56.74	54.87	55.06	56.11	24.6	24.2	30.5	25.2	27	25.5	------	23.5	92	94	68	91	83	92	4.8
7	54.98	54.93	55.73	54.09	54.50	56.33	25	24.4	29.5	32.4	29	26.2	------	23.9	90	91	72	59	78	87	3.3
8	54.72	55.43	55.74	53.59	54.57	55.87	25.2	24.4	29	30.6	26.5	24.7	------	24.2	92	93	76	68	86	94	.5
9	55.06	55.43	56.49	55.04	56.33	57.83	24.5	24.6	29.4	27.4	25	25	------	24.2	94	93	72	86	92	92	2
10	55.97	56.91	58.11	55.54	56.78	58.95	24.4	24.2	29	31	27.3	25.5	------	23.4	92	94	78	67	82	93	2.3
11	56.63	56.80	58.04	55.66	56.12	57.54	24.6	23.9	28.5	30.1	27.5	25.6	------	23.5	92	92	78	67	82	91	------
12	55.92	55.73	56.45	54.59	54.97	57.04	24.5	24.4	29.4	30.4	26.4	24.4	------	24	94	93	75	70	87	92	------
13	55.48	55.40	56.47	54.08	54.18	56.17	24	22.8	30.5	33.1	30.4	27.2	------	22.6	91	97	68	58	72	87	------
14	55.37	55.02	55.09	53.20	53.62	55.36	26.5	25.6	31.9	33.5	29.3	26.5	------	24.9	88	95	64	56	69	88	------
15	54.05	54.36	55.07	53.37	53.98	56.41	26	25.4	31.5	33	29	26.6	------	25	88	90	65	58	74	87	------
16	55.25	55.83	57.35	55.75	56.31	57.56	24.8	24.7	27.6	27.8	24.5	24.2	------	23.7	90	92	86	82	96	90	24.4
17	56.13	55.93	56.80	55.41	55.28	56.09	24	24	27.5	25	23.5	23	------	22.8	96	95	81	95	96	97	82.8
18	54.15	54.29	54.87	52.97	53.22	55	23	22.9	27	25.5	24	23.5	------	22.6	96	97	86	89	96	97	35.8
19	54	53.95	55.07	53.91	55.11	56.08	23	23.8	24.6	23.6	22.7	23	------	22.6	98	95	95	91	95	96	48.5
20	55.49	55.95	56.71	55.17	56.21	57.01	22.9	23	24.7	25.4	24	24	------	22.4	96	96	90	92	93	94	16
21	56.58	56.87	57.96	56.57	57.27	58.99	23.5	23.7	28	29.6	28	25.8	------	23.4	96	97	80	70	80	93	------
22	58.43	59.23	60.17	58.37	58.37	59.99	24.9	23.8	29.7	32	29.1	26.5	------	23.4	92	93	74	64	74	88	------
23	59.94	60.17	60.76	58.17	59.01	59.94	24.2	23.6	29.5	32	26	25.3	------	23	94	95	71	60	85	89	.5
24	58.90	59.21	58.90	56.89	57.25	58.41	24.5	24	24.9	30.2	27.5	26.2	------	23.6	92	95	96	66	77	92	3.5
25	57.47	57.25	57.89	55.90	56.59	58.01	25.2	24.6	26	28.6	27.2	25.6	------	24	94	95	92	82	90	95	1.5
26	57	57.86	59.04	57.18	58.24	60.54	24.7	24	28.6	31.5	28.3	25.9	------	23.6	96	93	82	64	75	92	.5
27	60.04	61.45	61.79	59.57	60.39	62.37	25	24.5	30	32	28	25	------	24.4	92	92	71	59	77	92	------
28	60.80	60.61	61.67	58.72	59.97	60.44	23.8	23.5	30	32.9	23.6	24.1	------	22.8	95	96	68	53	95	95	3
29	59.03	59.03	59.35	56.44	56.86	58.39	23.5	22.6	29	32	26.6	24.5	------	22.5	96	97	72	58	84	92	5.8
30	57.59	57.71	58.27	56.52	57.42	58.41	24.2	23.5	29.5	32.4	23	23.5	------	22.5	91	96	70	59	97	96	6.8
Mean	56.78	57.02	57.73	55.77	56.35	57.88	24.5	24,1	28.6	30.1	26.9	25.2	------	23.5	93	94.3	77	69.4	83.5	91.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	245.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NW	1	NW	0	NW	1	NE	1	ESE	1	SE	0	7	Ci. NE	S.-Cu.	4	Ci.	Cu.-N. ESE
2	ENE	0	NE	1	ENE	0	NNE	1	SE	0	NNE	1	10	Ci.-S.	S.-Cu. SE	9	Ci.-S.	Cu. ESE
3	NNE	1	NNE	0	ENE	1	ESE	1	NE	1	SSE	0	9	Ci.-S.	N. ESE	9	Ci.-S.	N. ESE
4	ESE	0	NNE	1	ENE	0	SSE	0	SE	1	NNE	1	10	Ci.-S.	N.	8	A.-Cu. E	Cu. SE
5	NNE	1	NNW	0	NNW	1	SSE	0	SSE	1	NNW	1	8	A.-Cu. E	S.-Cu.	8	Ci.-S. ESE	Cu.-N.
6	NNW	0	NNW	1	SSE	1	ESE	2	SSE	4	ESE	0	4	Ci.	S.-Cu.	10	A.-S.	N. SE
7	ESE	1	E	1	SSE	3	SSW	4	SSE	3	SSE	3	6	Ci.	S.-Cu.	7	Ci.	Cu. S
8	SE	2	SE	1	SSE	3	SSW	2	S	5	SSE	2	9	Ci.-S.	N. S	8	A.-Cu.	N. SW
9	SSE	2	SSE	1	SW	3	SSW	1	SSW	3	SE	1	10	Ci.-S.	N. SbyW	10	A.-S.	N. SWbyW
10	SE	1	ENE	0	SSE	1	SSW	3	SSW	1	SE	1	7	A.-Cu.	S.-Cu.	9	A.-Cu.	N.-cf. SW
11	SE	1	SE	1	SSW	3	SW	4	SSW	2	SSW	1	6	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N. SW
12	SSE	1	SE	0	SSE	1	SSW	4	SE	1	ESE	1	6	Ci.	S.-Cu.	7	Ci.-S.	N. S
13	NNE	1	NNE	1	NE	1	SW	1	SSW	1	NW	1	6	Ci.	S.-Cu. SE	4	A.-Cu. SSE	Cu.-N.
14	NNE	0	NE	1	SSW	1	SSW	4	SW	4	SSE	1	5	Ci.	S.-Cu.	5	Ci.	Cu.-N. SW
15	SSE	1	SSE	0	SW	4	SW	5	SW	4	SW	1	10	Ci.-S.	N. SW	7	Ci.-S. NE	Cu.-N. WSW
16	SSW	1	SSE	1	SSE	1	SW	2	ESE	1	SE	1	10	Ci.-S.	N. SW	10	A.-S.	N. SW
17	SE	0	Calm	----	SW	0	SW	1	SW	1	ESE	1	10	A.-S.	N. W	10	A.-S.	N. W
18	SE	1	SE	0	SSW	1	SW	3	SSW	3	SSE	1	10	Ci.-S.	N. WSW	10	Ci.-S.	N. SW
19	SSW	1	SSW	1	SSW	3	SW	4	SW	2	SSE	3	10	A.-S.	N. SW	10	A.-S.	N. SW
20	SSE	2	SSE	2	SSW	3	SSW	2	SSE	2	SSE	1	10	A.-S.	N. SW	10	A.-S.	N. S
21	SSE	1	NNE	1	SE	1	SSW	2	SE	0	ENE	1	10	Ci.-S.	N. S	9	Ci.-S.	N. SSE
22	ENE	1	NE	0	SE	1	SSE	1	SSE	1	SSE	1	6	Ci.	S.-Cu.	7	Ci.-S. NE	Cu.-N.
23	NNW	0	NW	1	E	1	NNW	1	NE	1	NE	1	6	Ci. NE	S.-Cu.	6	Ci.-S.	Cu.-N. NE
24	NNW	1	NW	1	SE	0	NW	1	E	1	NW	0	9	Ci.-S.	N. NE	8	Ci.-S.	Cu.
25	NNW	1	NNE	0	SSW	1	SSW	1	S	1	SE	0	9	Ci.	N. NE	8	Ci.-S.	Cu.
26	ENE	0	NE	1	SSE	1	SSW	2	SSW	2	SSE	1	4	Ci.-S.	S.-Cu.	6	A.-Cu. SE	Cu.-N. S
27	ESE	1	ESE	0	ESE	1	SE	1	SSE	1	NE	1	5	A.-Cu.	S.-Cu. SE	5	A.-Cu.	Cu.-N.
28	NE	1	NE	1	SSE	1	SW	1	NE	1	WNW	0	3	A.-Cu.	S.-Cu.	5	Ci.-S.	Cu.-N.
29	NW	0	NNW	1	ENE	1	NE	1	NE	2	NW	1	3	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.-N. NNE
30	NNW	1	NNW	0	WSW	1	SE	1	NW	2	NW	1	5	Ci. SE	S.-Cu.	8	Ci.-S.	Cu.-N. NE
Mean	------	0.8	------	0.6	------	1.4	------	1.9	------	1.8	------	1	7.4	------------	------------	7.6	------------	------------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

OCTOBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.89	57.96	58.84	56.26	56.74	58.23	23.2	23	29.5	33	29.5	25.6	------	22.6	94	97	72	55	68	91	------
2	57.14	57.61	57.14	54.49	55.43	56.69	25	24.7	30	31.8	24.5	24.9	------	23.1	90	94	73	62	96	94	25.4
3	55.52	56.03	56.32	54.38	55.39	57.01	24.5	24	29.8	27.2	24.6	24	------	23.4	94	96	76	87	95	96	12.9
4	55.62	55.83	56.19	54.40	55.15	56.17	23.7	23.5	29.4	25.1	25.6	25.5	------	22.9	94	96	76	94	93	96	16.8
5	55.23	55.58	56.08	53.87	54.54	55.39	24.5	23.7	28.8	29.8	26.5	25.5	------	23.4	96	98	76	67	90	91	------
6	54.26	54.42	55.75	53.77	55.29	56.79	24.4	24.2	28.5	30.7	26.4	25.6	------	23.6	95	95	78	62	88	88	21.3
7	56.20	56.41	58.02	56.31	57.34	59.31	24.4	24.2	26.6	27.9	25.8	24.6	------	23.9	95	96	91	84	92	97	5.8
8	58.53	58.42	59.49	57.14	57.91	59.70	23.6	23.7	28	31.2	26	24.9	------	23.4	95	96	82	71	92	96	11.2
9	59.08	59.21	59.84	57.34	57.90	59.90	23.6	24	26	27.6	27	23.2	------	22.8	95	97	89	82	88	98	48.8
10	58.46	58.55	59.41	56.49	56.77	58.28	23	23.2	27.5	31.4	27.2	25.7	------	22.8	98	98	82	71	88	92	.3
11	57.27	57.70	58.25	56.94	57.89	59.36	25	24.5	26.7	27.8	27.5	25.4	------	23.7	92	96	85	79	79	91	1
12	59.21	59.47	59.94	58.03	58.39	60.21	24.6	23.3	29.8	30.8	27.7	25.6	------	22.9	92	96	66	64	72	82	------
13	59.59	59.76	60.43	57.75	57.83	59.42	24	23.2	29.5	32.2	28.6	26.4	------	22.7	93	96	65	53	70	82	------
14	58.84	59.14	59.60	56.68	56.54	58.20	24.6	23.5	29.6	32.7	29	26.8	------	23.2	95	97	64	59	65	82	------
15	57.24	57.59	58.08	55.60	55.86	56.92	25.4	23.3	29.2	32.6	29.2	26.8	------	23	88	97	66	51	72	90	------
16	56.09	56.29	56.35	53.42	53.39	53.64	26	24.5	29.4	32	28.5	27.2	------	24	88	96	75	58	80	87	------
17	51.24	50.55	50.75	48.04	46.87	47.37	26.8	26.5	27	25.8	25.5	25.3	------	24.6	82	84	84	93	88	89	26.9
18	46.84	49.43	51.67	50.53	51.95	54.15	25.4	24.9	27.4	29.2	26.9	25.8	------	24.5	88	91	79	72	84	88	------
19	53.96	54.63	56.37	54.73	55.55	57.39	25.4	24.6	29.5	27.8	27.2	25.9	------	24	93	91	73	79	84	89	5.6
20	56.59	57.72	58.29	56.02	57.28	59.13	25.3	24	30	32.4	28.5	27	------	23.2	89	96	71	62	85	85	------
21	58.57	59.56	59.89	57.68	58.24	59.59	26	24.5	29.5	31	28.5	26.4	------	24	88	92	75	72	85	90	------
22	59.11	59.86	60.27	57.24	57.45	59	25	24.6	28.8	31.8	29.7	26.5	------	23.5	92	95	72	60	76	88	------
23	57.67	57.78	58.14	55.26	54.84	53.51	25.3	24.2	28	29.2	25.5	24.6	------	23.9	94	98	79	73	96	98	------
24	46.48	44.93	53.45	54.06	56.28	57.96	------	------	------	------	------	------	------	------	------	------	------	------	------	------	[1]228.6
25	57.17	58.32	59.47	57.82	58.33	60.59	------	------	------	------	------	------	------	------	------	------	------	------	------	------	.5
26	59.63	59.73	60.19	58.22	58.69	60.56	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
27	59.56	59.47	59.84	57.32	57.97	60.04	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
28	58.86	58.14	59.22	56.93	57.07	58.57	------	------	------	------	------	------	------	------	------	------	------	------	------	------	4.3
29	57.86	58.19	59.43	57.46	57.89	59.54	------	------	------	------	------	------	------	------	------	------	------	------	------	------	2.8
30	58.18	58.33	58.89	56.78	57.96	59.57	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
31	58.93	59.25	60.20	57.93	59.07	60.55	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
Mean	56.67	56.96	57.93	55.77	56.38	57.83	24.7	24.1	28.6	30	27.2	25.6	------	23.4	92.2	95.1	76	70	83.7	90.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	412.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NW	1	NNW	0	NW	1	SSE	1	SE	1	WNW	0	5	Ci. SE	S.-Cu.	5	Ci.-S.	Cu. NE
2	NW	0	NE	1	SSW	1	WSW	1	SSE	1	ESE	1	8	Ci.	S.-Cu. NW	7	Ci.-S.	Cu.-N. WSW
3	ESE	1	ESE	0	SSE	1	WNW	1	ESE	1	ENE	0	9	Ci.-S.	S.-Cu. SW	10	Ci.-S.	N.-cf. SW
4	ENE	0	NE	1	SE	1	SSE	1	SE	0	SE	1	10	Ci.-S.	S.	9	A.-S.	N. WSW
5	SE	1	Calm	----	WSW	1	nwbyw	4	WSW	1	nwbyw	0	10	Ci.-S.	S.	9	Ci.-S.	Cu. WNW
6	WNW	0	Calm	----	SSW	1	WSW	1	SSW	1	SSW	2	10	Ci.-S.	N. WSW	8	Ci.-S.	N.-cf. SW
7	SE	1	ENE	1	SSE	1	SSE	1	SE	1	SSE	1	8	A.-Cu.	S.-Cu. ssw	10	Ci.-S.	N. S
8	SE	1	Calm	----	SE	1	SE	1	SE	1	ENE	2	10	Ci.-S.	N. SW	7	Ci.-S. NE	Cu.-N. SSW
9	SE	1	Calm	----	NW	0	ENE	2	WSW	1	NW	2	10	Ci.-S.	N. S	10	Ci.-S.	N. NW
10	NW	1	NW	0	ESE	1	SE	1	NE	0	NW	1	10	Ci.-S.	S. NW	6	Ci.	Cu.-N. NE
11	NNE	1	NE	1	NNE	2	ENE	1	ESE	1	NNE	1	10	Ci.	S. NE	9	Ci.-S.	N. NE
12	NNE	1	NNW	1	NE	1	SE	2	ESE	2	NW	1	3	Ci.	Cu. NE	6	Ci.	Cu.-N. ENE
13	NW	1	NW	0	NNW	1	ESE	1	SE	1	NNE	1	1	Ci.	Cu.	4	A.-Cu.	Cu.-N. NE
14	NNW	0	NW	1	ENE	1	SSE	1	ESE	2	NE	1	8	Ci.	S. NW	4	A.-Cu.	Cu.-N. NE
15	NNW	1	NNW	0	NW	1	NNW	1	NNW	1	NNE	1	7	Ci.	S. N	5	Ci.	Fr.-Cu. NE
16	NNE	0	NE	1	NW	2	nwbyw	2	NW	1	WNW	0	8	Ci.	S. NE	6	Ci.-S.	Cu. NW
17	WSW	2	SW	2	WNW	6	SW	1	SW	6	swbys	8	10	A.-S.	N.-cf. WNW	10	A.-S.	N. W
18	SSW	9	SSW	6	SSW	6	S	7	S	3	SSE	3	10	A.-S.	N.-cf. SW	10	Ci.-S.	N. SW
19	SSE	1	Calm	----	SSE	2	SW	2	SW	1	S	1	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. S
20	SE	1	NE	1	SSE	1	WNW	1	SE	1	SE	1	7	Ci.	S.-Cu.	5	Ci.	Cu.-N.
21	ENE	1	ENE	1	NE	1	SE	1	NE	1	NNW	1	5	Ci.	S.-Cu.	7	A.-Cu.	Cu.-N. ESE
22	ENE	1	E	1	NE	1	NW	2	NW	1	NW	1	10	Ci.	S. E	5	Ci.	Cu.-N. NE
23	NW	1	NNE	1	NNW	3	NW	4	NW	1	NW	2	10	Ci.-S.	S. NW	10	Ci.-S.	N. NE
24	WNW	11	SSW	10	SSE	12	SE	5	SSW	1	ESE	1	10	Ci.-S.	N.	10	Ci.-S.	N.-cf. S
25	ESE	1	ESE	0	Calm	----	E	2	E	1	ESE	1	6	Ci.-S.	S.-Cu. S	8	Ci.-S.	Cu.-N. NE
26	NNE	0	NNE	1	E	1	ENE	2	ESE	2	NW	1	5	Ci.-S.	S.-Cu. SE	5	Ci.-S.	Cu.-N.
27	ENE	1	ENE	1	NE	1	ENE	1	E	2	ENE	1	8	Ci.-S.	N. E	8	Ci.	Cu.-N. E
28	ENE	1	NNE	2	NE	1	NNW	1	ENE	1	NE	1	8	Ci.-S.	N. ENE	8	A.-Cu. SE	Cu.-N. E
29	NE	1	NW	1	N	0	ESE	1	ENE	1	ENE	1	10	Ci.-S.	N.-cf. ESE	10	Ci.-S.	Fr.-N. ESE
30	ENE	1	NNE	1	ESE	3	ESE	5	ESE	1	ENE	0	10	Ci.-S.	N. E	6	A.-Cu. SSE	Cu. E
31	ENE	1	ENE	0	ENE	1	ESE	2	ESE	1	ENE	1	9	A.-S.	N. E	6	A.-Cu. S	Cu. E
Mean	------	1.4	------	1.1	------	1.8	------	1.9	------	1.3	------	1.3	8.1	------	------	7.4	------	------

[1] Amount of rainfall for the 23d and 24th.

The thermometers of this station were broken during a typhoon on October 24, 1909.

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

NOVEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.92	60.16	60.69	58.38	58.93	60.30															2.8
2	59.41	59.75	60.39	57.97	58.23	59.66															
8	59	59.42	59.99	57.52	57.52	59.29															
4	58.61	59.27	59.34	56.92	56.93	58.43															.5
5	58.01	58.31	59.09	56.64	57.23	58.87															
6	57.46	57.95	58.44	55.85	56.26	57.36															4.1
7	55.23	55.38	55.50	53.39	53.43	54.68															38.3
8	54.48	55.76	56.94	54.73	56.25	57.40															3.8
9	57.05	57.81	59.03	56.95	58.41	60.31															4.3
10	59.14	59.80	61.40	58.75	58.95	60.88															3.8
11	59.96	60.82	61.42	59.19	59.76	61.46															3.6
12	60.58	60.96	61.94	58.89	59.49	61.62															
13	60.86	60.76	61.29	59.21	59.39	60.24															
14	59.12	58.82	59.03	56.38	56.50	56.54															
15	54.18	54.10	53.42	50.53	51.35	52.68															11.2
16	52.27	53.49	54.73	52.54	53.49	55															17
17	54.48	54.87	55.44	53.48	55.04	56.01															6.9
18	55.53	55.94	56.65	54.98	55.90	57.35															
19	56.72	56.85	57.21	55.28	56.19	57.29															
20	56.56	56.87	57.21	55.52	56.44	57.97															
21	57.63	58.18	59.08	57.02	57.57	59.46															
22	58.64	59.16	60.10	57.62	58.18	59.56															
23	58.91	59.37	60.31	57.26	58.33	59.95															2.3
24	59.21	59.50	60.34	57.47	58.57	59.92															
25	59.05	59.47	60.40	58.77	59.18	60.33															1.8
26	59.63	59.72	60.74	59.10	59.44	60.65															.5
27	59.58	59.83	60.57	58.65	59.58	60.61															
28	59.76	60.31	61.75	58.99	59.08	60.56															3.3
29	59.81	59.91	61.30	59.56	60.05	61.11															7.1
30	60.38	60.68	61.77	59.95	60.52	61.55															
Mean	58.04	58.44	59.18	56.92	57.54	58.90															
Total																					111.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	ENE	1	ENE	0	ENE	1	E	2	ESE	1	ENE	0	8	A.-Cu.	N. E	6	A.-Cu. SE	Cu. ESE
2	ENE	1	ENE	1	ESE	1	ESE	1	ESE	1	ENE	0	4	Ci.	Cu.	7	A.-Cu.	Cu.-N. E
3	ENE	1	ENE	0	ENE	1	NE	1	E	1	NW	1	3	A.-Cu.	Cu.	7	Ci.-S.	Cu.-N. NE
4	ENE	0	ESE	1	ESE	1	ENE	0	ESE	2	WSW	1	9	Ci.-S.	S. NE	5	Ci.-S.	Fr.-Cu. E
5	NW	1	NW	0	NE	1	SE	1	ENE	1	NNE	1	5	Ci. SE	S.-Cu.	7	Ci. S	Fr.-Cu. NE
6	NNW	0	NNW	1	NNE	3	NE	5	NE	5	ENE	1	6	Ci. SE	Cu. NE	10	Ci.-S.	N. NE
7	NNE	4	NNW	1	ENE	2	NE	1	ENE	2	E	4	10	A.-S.	N. ENE	10	A.-S.	N. E
8	ESE	1	ESE	1	SE	1	SE	1	Calm		SE	1	10	Ci.-S.	N. SE	8	Ci.-S.	N. SE
9	Calm		Calm		NW	1	NE	2	Calm		SE	0	6	Ci.-S.	S. SE	8	Ci.-S.	N.-cf. ESE
10	NW	1	Calm		ESE	0	NE	1	NE	0	NE	1	10	Ci.-S.	N.-cf. SE	8	A.-Cu. SE	N. E
11	NE	0	NE	1	ENE	1	ESE	2	E	1	ENE	0	10	A.-S.	S. E	7	A.-Cu. SE	Cu. E
12	NE	1	NE	0	NE	1	SE	1	E	2	NW	1	3	Ci.	S.-Cu.	5	Ci.	Fr.-Cu. E
13	NE	0	NE	1	NNE	2	ESE	1	ESE	1	NW	0	4	Ci.-S.	S.-Cu. E	8	Ci.-S.	N. NE
14	NW	1	NW	1	NW	1	ENE	1	N	0	NNW	1	6	Ci.-S. SE	S.-Cu.	10	Ci.-S.	N.-cf.
15	NNW	2	N	2	NNW	3	NNW	4	NNE	3	NE	3	10	A.-S.	N. NE	10	Ci.-S.	S.-Cu. NE
16	SE	1	Calm		SSW	0	S	1	ENE	1	ESE	1	8	Ci.-S.	S.-Cu. SE	8	A.-Cu. SW	N. S
17	ESE	0	Calm		SSE	1	SSE	2	SSW	4	NE	2	6	Ci. W	S.-Cu. SSE	6	Ci.-S.	Cu. S
18	NE	1	NNE	0	SSE	1	SSE	1	S	0	SSW	1	7	A.-Cu. SE	S.-Cu. S	10	Ci.-S.	N. SSW
19	NNE	1	Calm		SSW	1	SSW	2	SSW	1	S	0	6	Ci.-S.	S.-Cu. S	6	Ci.	Cu. SSE
20	ENE	0	E	1	SSE	0	SW	2	SSW	1	SSE	1	3	Ci.	S.-Cu.	4	Ci.	Cu.-N.
21	SE	0	Calm		SSW	1	S	2	SW	1	ESE	1	3	Ci.-S.	S.-Cu.	5	Ci.	Cu.-N. SSW
22	NNW	1	NW	0	SSW	1	SSE	1	SSW	1	SW	1	6	Ci. SE	S.-Cu.	4	Ci. SE	Cu.-N.
23	SW	0	NW	1	NW	1	NW	1	ENE	2	NW	1	10	Ci.	S. NW	5	Ci.	Cu.-N. ENE
24	NW	1	NW	1	WNW	1	SW	1	ENE	2	WNW	1	10	Ci.	S. N	7	Ci.-S.	Cu.-N. ENE
25	NW	1	NW	1	NNE	2	ESE	3	SE	1	NE	1	5	Ci.	S.-Cu.	7	A.-Cu.	Cu. ENE
26	NE	1	NNE	1	NNE	2	SE	1	ESE	1	N	0	6	A.-Cu. ESE	S.-Cu. NE	9	Ci.-S.	N. ESE
27	NW	1	NW	2	NNW	2	SSE	1	ESE	1	NE	1	6	A.-Cu.	S.-Cu. E	9	Ci.-S.	N.-cf. ENE
28	ENE	0	SSE	1	SSW	1	NE	0	NW	1	NE	1	10	Ci.-S.	N. E	9	A.-Cu.	N. E
29	ENE	1	ENE	1	Calm		SE	1	NNE	1	SW	0	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	N.-cf. ENE
30	SSW	1	SSW	0	NNW	1	ESE	1	NE	2	NNW	1	7	Ci. SE	S.-Cu. E	6	Ci.-S.	Cu. E
Mean		0.8		0.6		1.2		1.5		1.3		0.9	6.9			7.4		

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

DECEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.71	60.94	61.54	59.23	60.33	61.27															
2	60.06	60.81	61.20	58.06	58.79	59.76															
3	58.66	58.92	59.30	57.19	57.74	59.04															
4	57.58	57.56	57.90	55.29	56.54	58.06															
5	57.11	57.69	58.47	56.63	57.61	59.11															
6	58.53	58.86	59.38	57.15	57.37	58.61															
7	58.31	59.33	59.65	57.08	57.85	59.13															
8	57.78	58.03	58.98	56.27	56.25	58.43															
9	57.58	57.92	58.71	56.05	56.32	58.42															0.5
10	57.21	57.57	58.49	56.18	56.63	57.86															1.3
11	57.52	57.67	58.69	56.24	57.33	59.11															.3
12	57.92	57.63	58.66	56.76	57.63	59.35															27.2
13	58.56	59.03	60.21	58.01	58.45	60.07															2.1
14	59.03	59.23	59.98	58	58.75	60.18															1
15	60.09	60.51	61.31	59.28	59.94	61.48															
16	60.08	60.67	61.80	58.80	59.18	60.70															
17	59.92	60.36	61.27	59.39	60.21	61.64															8.4
18	60.09	60.31	61.34	59.20	59.82	61.44															
19	60.13	60.88	61.85	58.71	59.57	60.49															
20	60.15	60.10	60.73	57.67	58.10	59.38															
21	58.21	58.29	59.79	57.24	58.12	59.27															
22	58.57	58.97	59.64	57.55	58.61	59.85															.3
23	58.98	59.48	60.68	58.78	59.19	60.57															
24	59.68	60.27	61.83	60.65	60.88	60.93															.5
25	61.20	62.04	63.09	60.34	62	63.10															
26	62.04	62.52	63.51	61.63	62.93	63.79															
27	63.27	63.63	65.16	62.99	63.90	65.19															
28	64.41	64.37	65.64	62.68	62.75	63.56															1
29	62.46	62.50	64.26	61.91	61.53	62.24															2.5
30	61.17	61.29	61.36	58.82	59.21	60.79															
31	60.02	60.36	60.52	57.84	58.60	59.39															
Mean	59.58	59.93	60.80	58.44	59.10	60.39															
Total																					45.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NW	1	WNW	0	NE	1	E	2	ESE	2	NNW	1	2	Ci.	S.-Cu.	6	A.-Cu.	Cu. ENE
2	NW	0	WNW	1	NNE	2	NNW	2	ESE	2	NE	1	5	Ci.	S.-Cu.	6	A.-Cu.	Cu. NE
3	NE	1	NE	1	NE	0	ESE	2	ESE	3	NNW	0	9	Ci.-S.	N. E	8	Ci.-S.	Cu.-N. NE
4	NNE	0	NNE	1	NE	3	NE	2	E	2	NW	1	4	Ci.	S.-Cu.	6	Ci.	Cu. NE
5	NNW	1	NNE	0	NE	1	ESE	4	ESE	4	NW	1	4	Ci.	S.-Cu.	7	A.-Cu.	Cu.-N. E
6	NNE	1	ENE	1	NE	2	SE	1	E	1	NW	1	6	Ci. SE	S.-Cu.	8	Ci.-S.	Cu. NE
7	NW	1	NW	1	NE	3	ESE	1	ESE	2	NE	1	5	Ci.-S.	S.-Cu.	7	Ci. SE	Cu. NE
8	NE	0	NNE	1	NE	1	ENE	1	ENE	0	NW	1	7	Ci.-S. SE	S.-Cu.	7	Ci.-S.	Cu. E
9	NW	1	NW	1	NNW	1	NNW	0	NNW	1	SSW	0	4	Ci.	S.-Cu.	7	A.-Cu. SE	Cu. NE
10	NW	0	NW	0	NW	1	SSE	2	SSE	2	NNW	1	9	Ci.-S.	N. NE	10	A.-S.	N.-cf. SE
11	ESE	1	NNE	1	E	2	ESE	2	SSW	0	NNW	1	9	A.-Cu.	N. E	9	Ci.-S. SE	Cu.-N.
12	NW	1	NW	0	NE	1	SSE	2	NW	1	SW	1	8	A.-Cu. SW	S.-Cu.	10	Ci.-S.	N.-cf. SE
13	NW	0	NNW	1	N	1	ESE	2	SE	1	NNE	0	10	Ci.-S.	S. NW	9	Ci.-S.	N. NE
14	NW	1	NW	1	ENE	2	NE	6	ENE	2	NW	1	5	Ci.	S.-Cu.	8	A.-Cu.	N.-cf. NE
15	NNW	1	N	1	NE	2	E	2	E	2	NW	1	8	Ci.-S.	N. E	6	Ci.	Cu. E
16	NW	1	NNW	0	NNW	0	E	1	E	2	NW	0	3	Ci.-S.	S.-Cu.	7	A.-Cu. E	Cu.-N. NE
17	NW	0	SW	1	NNW	1	E	3	NE	1	ENE	1	5	Ci. SE	S.-Cu.	10	Ci.-S.	N. NE
18	NW	1	Calm		NNW	1	NNE	2	E	2	ENE	1	7	Ci.-S.	Cu. ENE	9	A.-S.	N. NE
19	NE	1	NE	1	NE	1	NNE	4	ESE	2	NNE	1	6	Ci.-S.	Cu. N	8	Ci.-S. SE	S.-Cu.
20	NNW	1	NNW	1	NE	1	NNW	1	NNW	1	NW	1	9	Ci.-S.	N.	10	Ci.-S.	N. NE
21	NNW	1	NNW	2	NNE	3	NNE	4	ESE	1	NW	1	10	Ci.-S.	N. NNE	9	A.-Cu. SE	Cu. NE
22	NW	1	NE	1	NNE	3	NNE	3	ENE	2	ENE	1	5	Ci.	S.-Cu.	10	Ci.-S.	N. NE
23	NW	1	NW	0	N	1	NE	2	NE	0	NW	0	10	A.-S.	N. NE	10	Ci.-S.	N. ENE
24	NNW	0	NNE	1	NNE	1	SSW	1	NE	1	N	3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N. ENE
25	NE	1	NE	1	NNE	1	E	4	E	2	ENE	1	9	Ci.-S.	S.-Cu. ENE	6	Ci.	Cu. NE
26	NW	1	NW	0	E	1	E	4	E	4	N	2	4	Ci.	S.-Cu.	5	Ci.	Fr.-Cu. E
27	NW	0	NW	1	ENE	1	ENE	4	E	3	ENE	1	3	Ci.	S.-Cu.	5	Ci.	Fr.-Cu. E
28	WNW	1	NW	1	NNE	0	NE	4	NE	1	NW	1	7	A.-Cu. NE	S.-Cu. E	9	A.-Cu. E	N. ENE
29	WNW	0	NW	1	NE	1	ENE	2	NW	1	WNW	0	10	Ci.-S.	N. NE	8	Ci.-S.	N. NE
30	NW	1	Calm		NE	1	NNW	2	ESE	2	WNW	1	10	A.-S.	N.-cf. ESE	8	A.-Cu.	N.-cf. E
31	NW	1	NW	0	NW	1	ESE	3	ESE	2	NNW	1	10	Ci.-S.	N. E	5	A.-Cu.	Cu. NE
Mean		0.7		0.7		1.3		2.4		1.7		0.9	6.9			7.8		

DAGUPAN.

[φ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, −1.67 mm.]

JANUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.84	59.59	60.45	57.61	57.83	59.51	21.8	20.8	28.4	31.3	25.9	23.5	32.4	20.5	91	94	61	46	67	67	------
2	58.54	59.13	60.30	57.47	57.34	58.79	22.5	22.6	26	31.3	27	25	32.6	21.8	64	66	62	42	70	70	------
3	57.84	58.50	59.70	57.88	58.12	58.90	24.6	23.2	28	29.6	26.5	24.9	31.6	22.5	72	82	64	67	76	81	------
4	58.41	58.57	59.45	57.11	57.56	59.02	23.6	23.4	28.1	30.1	27.9	25.2	31.8	22.8	90	90	70	60	75	78	------
5	58.17	58.57	59.20	56.76	57.11	58.67	23.8	21.3	27.9	32.5	27.1	24.7	32.9	20.5	80	91	61	52	81	91	------
6	58.26	58.42	59.34	57.48	57.52	58.23	22.9	22	28.2	34.2	28.4	25.2	34.5	21.3	93	91	68	48	66	75	------
7	57.71	58.22	59.59	57.36	57.93	59.78	23.7	21.3	27.2	34.6	28.5	26.1	35	20.8	81	91	68	48	70	75	------
8	59.30	59.80	60.79	57.87	58.60	60.25	24.6	21.7	28.3	34.8	28.8	24.8	35	21.2	79	94	64	43	58	75	------
9	60.20	60.88	61.72	59.48	59.56	61.27	22.4	20.6	27.6	32.9	26.9	25	33.5	20.2	89	92	64	46	78	80	------
10	60.40	60.64	61.72	59.12	59.67	60.67	23.8	23	28.3	31.4	27.2	25	34	22	76	74	53	57	74	81	------
11	59.90	60.58	61.85	59.51	59.65	60.78	23.4	21.9	28	31.7	27.4	26.7	32.1	20.9	83	87	63	54	70	77	------
12	59.64	59.90	60.91	58.20	58.48	59.07	22.5	21	26.3	29.7	26.4	26.1	29.9	20.4	89	95	76	67	77	79	------
13	58.35	58.90	60.19	57.87	58.09	59.39	24.5	22.4	26.9	30	26.1	25.5	30.2	21.9	86	96	75	59	72	78	------
14	58.99	60.25	61.58	58.99	59.58	61.20	23.8	20.4	26.3	32.1	27.5	24.2	33.2	19.8	85	94	74	42	70	74	------
15	60.69	61.16	62.52	60.12	60.54	62.24	22	21	27.2	32.5	28	23.1	33.1	20.4	81	78	54	40	56	71	------
16	61.26	61.29	62.50	59.74	59.74	61.01	21.7	21.3	26	30.6	25.7	23	31.9	20.8	76	75	60	47	74	71	------
17	59.91	60.26	61.33	59.04	59.50	60.89	21.8	21.9	26.6	28.5	25.4	21.4	31.6	21	75	72	54	54	70	73	------
18	59.81	59.90	61.09	59.17	60.05	61.13	19.7	18.1	26.8	28.5	26.4	23.4	30.4	17.4	84	87	59	48	68	86	------
19	60.29	60	61.57	59.18	60.46	62.14	23.1	22.3	28.1	31.6	26.7	24	32.7	21.8	87	93	70	58	76	78	------
20	61.39	61.58	62.97	60.44	60.46	61.68	21.6	20.2	28.4	29.4	27	26	32.4	19.5	87	93	64	66	81	84	------
21	61.15	61.30	62.37	59.97	59.44	61.13	24.1	21.5	27.6	30.5	26.6	26.6	31.7	20.9	90	94	71	59	82	86	------
22	61.03	60.98	62.04	59.73	59.67	61.07	24.5	22.5	28.7	33.3	27.2	26.1	33.7	22	92	95	64	47	79	86	------
23	60.75	60.53	61.67	59	59.69	61.64	23.3	21.7	28.5	30.5	27.6	25.5	33.4	21.3	79	90	62	62	76	68	------
24	61.03	60.51	61.15	58.68	58.61	60.44	23.3	22.8	28.7	33.1	27.2	24.3	34.3	22.1	75	77	55	42	73	94	6.6
25	60.17	60.61	61.35	59.08	58.82	60.42	22.4	20.8	27.3	29.6	26.3	26.3	30.6	20.4	88	96	75	69	82	85	------
26	60	60.05	61.03	58.63	59.11	60.13	24	22.4	28.2	31	26.6	26.4	33.5	21.9	92	96	67	63	80	81	------
27	59.77	59.65	60.57	58.26	58.49	59.97	24.2	22.1	28.4	30.1	27.2	26.5	34.3	21.4	93	90	64	65	79	84	3.8
28	59.23	59.27	60.22	57.64	57.84	58.99	24.8	22.9	27.4	29.6	25.9	25.4	30	22.3	92	97	80	69	78	75	------
29	58.34	58.49	60.12	57.78	58	59.18	24.6	24.4	26.5	29	25.6	23.1	29.8	21.5	81	75	70	60	75	88	------
30	58.49	59.01	60.48	57.99	57.92	59.78	22	20.9	27.3	33.1	26.4	23	34	20.4	87	79	54	34	73	74	------
31	59.31	59.18	60.91	58.92	58.87	60.23	21.4	18.6	27.1	28.2	26	23.6	31.3	18.1	78	93	54	57	70	72	------
Mean	59.62	59.86	60.99	58.58	58.85	60.25	23.1	21.6	27.6	31.1	26.9	24.8	32.5	21	83.7	87.6	64.5	53.9	73.4	78.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	10.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	SE	SE	S	SSE	S	32.5	60.7	107.8	98.5	299.5	2	Ci.	S.-Cu.	6	A.-Cu.	Cu.
2	S	S	S	S	Calm	S	109.9	97.1	53.3	75.4	335.7	10	------------	S.-Cu.	8	A.-Cu.	S.-Cu.
3	S	SE	SE	N	SE	SE	70.6	49.9	45.6	42	208.1	5	------------	S.-Cu.	10	------------	S.-Cu.
4	Calm	SE	Calm	NW	N	S	25.4	38.4	60.9	46.1	170.8	9	------------	S.-Cu.	6	Ci.-S.	Cu.
5	S	SE	SSE	NNW	N	SW	49.3	59.2	64.1	40.7	213.3	1	Ci.	S.-Cu.	8	Ci.-S.	Cu.
6	Calm	SE	S	SSE	SE	S	38.3	48.8	50.2	85	222.3	4	------------	S.-Cu.	9	Ci.-S.	Cu.
7	SE	SE	SE	S	N	S	53.3	64.2	59.8	44.3	221.6	1	Ci.	S.-Cu.	6	Ci.	Cu.
8	S	S	SSE	SSE	S	S	33.3	60	79.2	42.1	214.6	1	------------	S.-Cu.	3	Ci.	Cu.
9	Calm	SE	SSE	NW	NNW	SW	24.9	33.5	60	46.4	164.8	5	------------	S.-Cu.	3	Ci.	Cu.
10	SSE	SE	SE	N	N	N	97.1	65.5	89	56.6	308.2	0	------------	------------	4	Ci.	Cu.
11	E	SE	SE	NNW	N	N	58.9	38.1	64.2	51.2	212.4	0	------------	------------	3	------------	Cu.
12	E	E	Calm	NW	NW	NW	27.6	33.3	111.3	114.8	287	1	------------	S.-Cu.	2	------------	Cu.
13	NE	NE	NNW	NW	NW	N	40.2	49.6	132.6	123.1	345.5	6	------------	S.-Cu.	2	------------	Cu.
14	N	NE	E	SE	NW	S	38.8	39.6	63	54.5	195.9	1	------------	S.-Cu.	2	------------	Cu.
15	SE	S	SSE	S	Calm	S	49.6	66.2	45.6	67.3	228.7	1	------------	S.-Cu.	1	------------	Cu.
16	S	S	S	NNW	N	SSE	83.4	75	68.4	75.4	302.2	8	------------	S.-Cu.	4	Ci.	Cu.
17	SSE	S	SSE	NNW	Calm	S	100	82.3	56.5	40	278.8	9	------------	S.-Cu.	7	Ci.	S.-Cu.
18	SSE	SE	SE	NW	NW	Calm	34.6	56.8	72.4	29	192.8	0	------------	------------	9	Ci.	S.-Cu.
19	Calm	S	Calm	S	S	SE	21.1	45.6	61.5	44.8	173	6	------------	S.-Cu.	8	A.-Cu.	S.-Cu.
20	SE	SE	SE	N	N	N	46.1	52	95.5	64.1	257.7	0	------------	------------	5	Ci.	Cu.
21	SE	E	Calm	NW	NW	NW	33	30.8	98.2	73.4	235.4	1	Ci.	S.-Cu.	2	Ci.	Cu.
22	NW	SE	SE	Calm	N	Calm	36.7	64.7	63.1	52	216.5	2	Ci.	S.-Cu.	9	Ci.-S.	S.-Cu.
23	Calm	SE	S	N	N	SSE	35.6	56.5	67	58.1	217.2	1	Ci.	S.-Cu.	7	Ci.	S.-Cu.
24	SSE	S	SSE	NNW	N	SW	85.5	89.3	77.9	50.4	303.1	3	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
25	SE	Calm	NW	NW	NW	NW	27.2	50.5	122.8	93.3	293.8	1	------------	S.-Cu.	2	Ci.	Cu.
26	E	Calm	SSE	NW	NW	NW	32.5	52.1	90.6	87.5	262.7	1	------------	S.-Cu.	6	Ci.	Cu.
27	NE	SE	SSE	N	NW	NW	34.9	63	79.7	73.7	251.3	0	------------	------------	4	A.-Cu.	Cu.
28	Calm	Calm	NW	NW	NW	NNW	25.7	58.9	159.3	162.2	406.1	5	------------	S.-Cu.	1	------------	Cu.
29	N	N	NW	NW	NW	W	88.3	59.3	113.2	51	311.8	1	------------	S.-Cu.	1	------------	Cu.
30	S	S	SSE	S	N	S	77.2	77.5	58.5	57.4	270.6	1	------------	S.-Cu.	2	Ci.	Cu.
31	S	SE	SSE	NW	N	SSE	56.9	52.3	67.8	72.1	249.1	0	------------	------------	7	Ci.	S.-Cu.
Mean	------	------	------	------	------	------	50.6	57.1	78.7	66.9	253.2	2.8	------------	------------	5	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	7,850.5	------	------------	------------	------	------------	------------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

FEBRUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.29	59.50	60.74	58.26	58.72	60.43	22	20.2	28	31.2	27.7	23.1	32.7	19.7	78	85	57	50	49	71	------
2	59.59	59.81	61.69	58.97	58.78	59.99	20	18.5	26.3	30.8	26.5	23.1	32.7	18	86	91	58	47	67	74	------
3	59.19	59.55	60.84	58.81	58.84	60.18	20.6	19.6	26.6	29.5	26.6	26.3	30.4	18.8	86	89	71	63	76	74	------
4	59.69	59.94	61.29	59.17	59.71	60.97	24.3	22	27.6	31.3	26.9	24.5	31.5	21.3	85	91	70	61	75	87	------
5	60.58	61.05	62.38	60.51	61.58	62.51	22.5	21.7	29.3	29.4	27.4	24.4	33.4	21.2	90	93	59	62	65	74	------
6	61.85	62.18	63.16	61.05	62.08	62.88	23.2	23.1	28	29	25.1	24	30.7	22.3	80	83	67	62	84	88	------
7	62.38	62.58	63.28	60.67	61.63	62.64	22.6	21.8	28.8	32	27.1	23.1	33.1	20.8	78	83	55	40	58	70	------
8	62.59	63.11	63.28	60.20	61.29	62.34	21.8	20	28.5	33	27.7	23	33.1	19	74	86	51	42	56	73	------
9	62.20	62.79	63.60	60.93	61.41	62.27	20.2	18.6	28.1	29.3	26.2	25.9	30.9	18.2	87	93	58	59	76	78	------
10	62.10	62.61	63.23	60.53	61.29	62.32	21.5	20.3	28.8	31.1	27	24	33	19.8	95	95	58	56	72	89	3.3
11	61.74	62.81	63.54	60.66	60.72	62.37	22.6	21.1	29	29.4	26.5	26.1	31.5	20.6	78	89	57	60	77	83	------
12	61.53	62.51	63.37	60.81	61.52	62.63	22.8	21.3	29.4	28.6	26.9	25.1	31.8	20.5	97	97	59	65	75	80	------
13	61.80	62.06	62.73	60.56	60.82	62.29	23	22.1	29.1	28.5	26.8	23.7	31	21.6	73	73	49	62	72	66	------
14	61.14	61.63	62.84	59.76	60.07	61.03	22.5	22.1	29.7	32.6	26.9	24.5	33.5	21.6	68	72	46	47	71	68	------
15	59.79	60.29	62.36	59.93	60.08	61.63	23	22	26.1	30.6	24.1	23.4	30.9	21.4	75	82	74	56	91	93	1
16	60.64	60.81	62.02	59.68	59.74	61.49	21.9	20.8	30.1	33.4	26.6	26.1	33.6	20.5	90	97	57	43	77	81	------
17	60.27	60.49	61.27	58.53	58.66	60.78	23.5	21.9	31	30.5	27.6	25.6	34.8	21.2	88	92	55	56	72	77	------
18	59.60	60.19	60.84	58.43	58.31	59.78	25	23.5	28.4	30.6	27.6	25.7	34.9	22.9	76	87	65	63	76	74	------
19	59.24	59.36	60.37	57.80	59.17	60.97	24.5	23.5	29.5	34.7	23.5	23	35.6	22.1	80	87	64	42	97	96	64.8
20	59.78	59.38	60.43	58.52	58.77	59.90	22.6	22.5	30.8	28.9	26.9	26.6	32.3	22	99	98	66	69	80	84	------
21	59.33	59.59	59.79	57.60	58.61	59.82	24.6	22.8	30.4	35.8	23.8	24	36	22.3	91	98	65	48	97	97	38.9
22	59	59.17	60.33	58.22	58.28	59.91	23.2	22.5	31.1	31.3	28	26	33.8	22	98	96	62	58	75	85	------
23	59.18	59.44	60.84	58.45	58.62	59.74	24.9	23.3	31.4	34.4	28	27	34.7	22.5	87	91	59	50	77	87	------
24	58.75	58.82	59.83	57.47	57.80	59.51	25.2	22.6	31	35.5	28.6	26.4	36.1	22.2	94	90	58	47	80	89	------
25	59.12	59.71	60.38	58.06	58.39	60.14	23.6	22	31	32.4	28	27.1	33.9	21.5	83	88	56	52	74	81	------
26	59.20	59.46	61.59	59.18	59.16	60.68	24.4	22.5	31.5	32.2	28.4	25.6	33.9	21.8	87	92	55	52	72	89	------
27	59.84	60.20	61.55	58.87	58.73	60.17	22	19.4	30.8	32.5	28	25.2	34.5	18.8	79	92	50	43	70	87	------
28	59.16	59.64	61.18	58.76	58.54	60.06	22.9	22	31.1	30.8	27.5	27	33.5	20.9	83	86	51	52	75	80	------
Mean	60.31	60.67	61.74	59.30	59.69	61.05	22.9	21.6	29.3	31.4	26.9	25	33.1	20.9	84.5	89.1	59	53.8	74.5	81.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	108

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	SE	S	N	SE	S	56.1	67	42	64.4	229.5	4	Ci.	S.-Cu.	7	Ci.	S.-Cu.
2	Calm	SE	SSE	NW	N	S	31.9	49.9	76.7	41.2	199.7	1	------	S.-Cu.	9	Ci.	Cu.
3	E	Calm	NW	NW	NW	N	34.9	36.7	100.1	98.4	270.1	1	Ci.	S.-Cu.	6	Ci.	Cu.
4	Calm	NE	NW	NW	NW	Calm	38.3	37	87.5	30.8	193.6	9	------	S.-Cu.	2	Ci.	Cu.
5	SE	SE	S	N	S	SSE	35.6	48.6	62	88	234.2	1	Ci.	S.-Cu.	9	Ci.	S.-Cu.
6	SE	SE	SSE	NW	N	S	61	31.7	68.9	43.1	204.7	10	------	S.-Cu.	9	Ci.	S.-Cu.
7	S	SE	SE	SE	SE	S	64.6	66.2	73.5	87.2	291.5	6	Ci.	S.-Cu.	7	Ci.	S.-Cu.
8	S	SE	S	SSE	SE	S	83.5	82.3	129	64.1	358.9	1	------	S.-Cu.	9	Ci.	Cu.
9	SE	SE	S	NNW	N	NW	39.7	41.2	98.8	79.5	259.2	2	Ci.	S.-Cu.	5	Ci.	Cu.
10	NE	NE	SSE	NW	NW	Calm	25.9	41.3	77.9	36.2	181.3	0	------	------	5	------	S.-Cu.
11	SE	SE	SE	NNW	NW	NW	29.2	41.2	110.2	81.1?	261.7?	9	------	S.-Cu	2	------	Cu.
12	S	SE	SE	NW	NW	S	25.4?	39.1	92.5	62.5	219.5?	1	------	S.-Cu.	7	------	S.-Cu.
13	SSE	SSE	S	NNW	Calm	S	66.6?	91.2?	79.2	66	303	4	------	S.-Cu.	7	------	S.-Cu.
14	S	S	SSE	NW	N	SSE	89.1	66.2?	64.1	59.7	279.1	9	------	S.-Cu.	8	A.-Cu.	Cu.
15	S	SE	SE	SE	SE	Calm	83.4	40.8	49.7	24.6	198.5	8	------	S.-Cu.	10	------	S.-Cu.
16	SE	SE	S	NW	NW	NW	25.2	42.8	109.6	85	262.6	1	Ci.	S.-Cu.	6	Ci.	Cu.
17	Calm	E	S	N	NNW	S	33.8	64.2	103.8	50.9	252.7	1	------	Cu.	6	Ci.	Cu.
18	SSE	SE	SE	N	NW	S	70.2	67.6	86.9	31.9	256.6	9	------	S.-Cu.	8	A.-Cu.	S.-Cu.
19	Calm	SE	SE	S	N	SE	31.1	52	72.4	36.8	192.3	9	------	S.-Cu.	9	A.-Cu.	Cu.
20	Calm	SE	SE	N	NW	NW	37.3	51.3	105.4	102.2	296.2	4	Ci.	S.-Cu.	9	Ci.-S.	S.-Cu.
21	NE	E	SE	SSE	NE	Calm	37.3	51.5	66	28.7	183.5	8	------	S.-Cu.	3	Ci.	Cu.
22	NE	Calm	SE	NW	NW	NE	28.4	49.7	99	74.8	251.9	4	Ci.	S.-Cu.	6	Ci.	Cu.
23	E	E	SE	N	NW	NW	42.1	55.7	68.1	74.5	240.4	2	Ci.	S.-Cu.	6	Ci.-Cu.	Cu.
24	Calm	SE	SE	SSE	NW	Calm	46.4	69.5	71.9	41.3	229.1	1	------	------	6	Ci.	Cu.
25	SW	SE	SE	NNW	NW	NW	29.2	45.4	86.7	71.1	232.4	1	Ci.	------	4	Ci.	Cu.
26	S	SE	SE	NNW	NW	NW	46.2	46.4	78.7	51.7	223	0	------	------	1	------	Cu.
27	SE	Calm	SE	NW	N	SW	29.3	44.8	81.3	52.1	207.5	0	------	------	2	Ci.	Cu.
28	SE	SE	SE	NW	NW	NW	44	58.9	109.7	107.3	319.9	2	Ci.	------	2	Ci.	Cu.
Mean	------	------	------	------	------	------	45.2	52.9	84	62	244	3.9	------	------	6.1	------	------
Total	------	------	------	------	------	------	------	------	------	------	6,832.6	------	------	------	------	------	------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

MARCH, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.04	59.60	60.72	58.32	58.16	59.54	23.5	21.9	30.8	31	27.4	26.6	33.6	21.2	91	89	54	56	77	80	------
2	58.77	59.75	61.43	58.84	58.73	60.37	23.6	21.7	31.5	31.7	27.6	26.8	33.4	21.2	95	91	52	52	73	76	------
3	59.07	59.71	60.37	57.97	58.31	60.14	23.6	22	31.1	31.6	28.4	25.4	36.1	21.6	76	82	49	54	68	80	------
4	59.61	60.10	60.98	58.45	58.04	60.12	22.4	21.1	30.6	30.7	27.4	27	31.8	20.7	83	90	57	62	78	80	------
5	59.74	60.26	60.64	58.24	58.51	60.54	24	22.5	31	35	30.5	24.4	35.7	21.8	79	80	48	39	42	67	------
6	60.01	61	62.20	59.22	58.61	60.08	20.7	18.7	31.1	35.4	28.5	26	35.5	18.3	86	90	39	38	68	77	------
7	59.65	60.21	61.37	58.56	58.07	59.78	22.6	21	31.6	31.4	28	27	33.4	20.6	87	91	56	52	69	73	------
8	58.87	59.46	60.04	57.37	57.06	59.01	23.8	21	30.4	34.6	28.5	25.5	35.9	20.5	77	87	49	38	66	65	------
9	58.06	59.06	60.17	57.32	57.26	58.91	22.6	20	31.1	34.9	28.3	25.5	35.9	19.5	78	88	47	35	65	81	------
10	58.37	59.13	60.18	57.48	56.97	59.02	22.5	20.5	30.8	33.1	28.1	26.8	35.3	20.1	91	93	50	48	74	78	------
11	58.37	59.10	59.60	57.18	56.78	58.72	24	21.6	31	32.5	28	26.1	35.9	21.4	84	87	50	52	70	76	------
12	58.24	58.59	59.70	57.19	56.72	58.33	22.5	21.5	30.8	32	27.6	27.1	33.9	21	80	83	50	52	73	75	------
13	58.34	58.31	59.85	57.41	57.72	60.41	24	22.5	32.2	32	28.7	26.5	36.9	22	91	91	52	57	75	74	------
14	59.94	60.61	61.55	59.03	59.22	61.20	23.6	21	29.8	31.1	28.2	24.9	34.6	20.5	67	79	48	47	62	72	------
15	60.24	61	62.39	60.09	59.84	60.65	22	22.2	30.8	31.1	27	25.7	32.6	20.9	85	81	53	50	60	64	------
16	59.44	60.17	61.49	58.61	58.09	59.88	23.8	22.6	30.7	30.9	28.2	26.5	33.5	22.3	75	82	51	59	73	78	------
17	59.17	59.59	60.50	58.29	57.89	59.32	23.6	22.1	32.1	33.9	28	27.2	34.5	21.5	86	87	50	46	77	79	------
18	58.51	58.83	60.53	58.08	58.35	60.21	24.6	23.7	32.6	31.5	28.6	26.4	35.1	23	75	76	44	56	71	71	------
19	59.30	59.94	61.11	58.75	58.97	60.78	24.6	23	32.8	33	28.2	26	35.2	22.4	75	83	44	49	74	72	------
20	59.75	60.09	61.07	58.71	58.66	60.33	22.9	21.4	32.6	31.6	28.1	25.6	34.5	20.7	79	84	41	56	73	83	------
21	59.45	59.50	60.24	57.93	57.67	58.96	23.3	21.6	31.5	31.6	27.9	26.3	33.4	21.3	89	95	57	54	74	84	------
22	58.07	58.67	60.23	58.11	57.79	58.97	23.9	23.3	32	31.1	28.7	26	33.2	22.8	84	73	48	57	70	81	------
23	57.72	58.04	59.31	56.91	57.78	58.86	24.8	24	31.2	32.7	26.1	24.3	34.4	23.2	74	79	59	55	89	89	7.4
24	57.08	58.28	60.05	57.67	57.86	59.54	23.6	24.5	26.6	31.1	28.5	25.9	33.6	23.5	87	79	76	64	76	88	------
25	58.89	59.48	60.82	59.02	59.43	61.56	24.6	24.5	31.4	30.6	28.4	26.8	35.8	23.5	82	81	56	65	77	65	------
26	60.89	61.41	62.54	60.13	60.11	61.53	25	23	32.4	30.2	28.4	26	34.2	22.6	73	78	49	67	75	72	------
27	60.59	61.31	62.01	60.52	60.22	62.34	24.4	23.5	33.7	32.2	29.5	26	35.9	23	77	80	39	50	58	73	------
28	62.02	62.09	62.51	60.03	59.76	61.54	24	22.9	32.9	31.9	28.8	27	35.8	22.4	83	84	48	55	71	80	1.5
29	60.62	61.20	62.23	59.45	59.46	61.32	24.2	23.1	32.9	32.5	29.1	27.1	36.4	22.7	90	87	50	52	70	81	------
30	59.94	60.65	61.27	58.48	59.07	61.12	25	24	33.6	33.2	29.7	23.6	35.9	23.5	72	78	47	52	70	97	39.9
31	59.60	59.94	61.24	58.61	59.16	60.98	23.6	23.6	30.9	35	28.5	27.2	35.5	23.3	95	92	60	49	75	83	------
Mean	59.27	59.84	60.91	58.45	58.40	60.13	23.6	22.3	31.4	32.3	28.3	26.1	34.8	21.7	82.1	84.5	50.7	52.2	70.7	77.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	48.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	SSE	NNW	NNW	NW	41.5	51.3	95.3	78.6	266.7	9	------------	S.-Cu.	1	------------	Cu.
2	SW	SE	S	NNW	NW	NW	34	57.9	103.3	66.2	261.4	0	------------	------------	2	------------	Cu.
3	SE	SE	S	N	NW	Calm	52	78.6	85.6	49.1	265.3	0	------------	------------	3	------------	Cu.
4	Calm	SW	SE	NW	NW	NW	22.5	47.8	102.5	74.8	247.6	3	------------	S.-Cu.	2	Ci.	Cu.
5	SE	S	SE	SSE	SE	SE	58.5	95.8	100.1	42	296.4	5	Ci.	Cu.	2	Ci.	Cu.
6	SE	SE	SE	SSE	NW	NW	39.1	54.4	74.8	32	200.3	1	Ci.	------------	3	Ci.	Cu.
7	Calm	S	SE	NW	N	NW	30.9	46.7	98.5	56.5	232.6	6	Ci.	Cu.	5	Ci.	Cu.
8	S	S	SSE	SE	N	SE	36.4	81.5	74	47.5	239.4	3	Ci.	Cu.	6	Ci.	S.-Cu.
9	SE	SE	SSE	SE	NW	Calm	44.3	75	89.6	54.7	263.6	1	Ci.	------------	1	------------	Cu.
10	Calm	S	SE	NW	NW	NW	28.5	55.7	78.6	71.4	234.2	1	Ci.	------------	1	Ci.	Cu.
11	S	SE	SE	NNW	NW	NW	38.9	72.6	91.1	47.7	250.3	9	Ci.	S.-Cu.	8	Ci.	Cu.
12	SE	SE	SE	NW	NW	NW	39.1	47.2	105.9	68.2	260.4	2	Ci.	------------	8	Ci.	S.-Cu.
13	W	Calm	SE	NNW	NW	E	36.2	69.7	87.5	60.4	253.8	2	Ci.	S.-Cu.	7	Ci.	Cu.
14	SE	Calm	S	NNW	N	SW	40.7	53.4	93.5	47.8	235.4	8	------------	S.-Cu.	9	Ci.-S.	Cu.
15	Calm	S	SE	SE	SE	SSE	28.5	43.7	103.2	67.4	242.8	9	------------	S.-Cu.	10	------------	S.-Cu.
16	S	SE	Calm	N	NNW	Calm	69.2	46.5	97.6	47.2	260.5	6	------------	S.-Cu.	4	A.-Cu.	Cu.
17	S	SE	SSW	NW	NW	NW	32.8	44.3	111.5	72.9	261.5	1	Ci.	------------	2	------------	Cu.
18	S	S	SE	NNW	NW	S	77.9	55.2	105.4	59.3	297.8	1	Ci.	------------	4	------------	Cu.
19	SE	SE	S	NW	NW	NE	44.1	57.6	102.4	47.2	251.3	1	Ci.	S.-Cu.	5	Ci.	Cu.
20	Calm	SE	SE	NW	NW	NW	26.6	55.7	101.6	45.7	229.6	2	Ci.	Cu.	6	Ci.	Cu.
21	Calm	NE	NW	NW	NW	NW	25.9	44.6	95.5	65.5	231.5	1	Ci.	S.-Cu.	8	Ci.-S.	Cu.
22	S	S	NW	NNW	NW	NW	49.3	43.5	86.6	41.5	220.9	4	Ci.	S.-Cu.	5	Ci.	S.-Cu.
23	S	SE	NW	NW	N	S	54.5	39.4	63.4	57.7	215	1	Ci.	S.-Cu.	10	------------	S.-Cu. ENE
24	SSE	NE	Calm	NW	NNW	S	81	29.2	63.1	36	209.3	10	------------	S.-Cu. SE	9	A.-Cu.	S.-Cu. SE
25	SE	SE	S	N	NW	S	42.8	72.1	104.1	51.5	270.5	9	------------	S.-Cu.	9	Ci.-S.	S.-Cu.
26	SSE	S	SE	N	N	SSE	58.2	52.6	111.2	60.6	282.6	4	Ci.	S.-Cu.	5	Ci.	S.-Cu.
27	S	S	SE	N	SE	SE	59	87.5	95.5	70.3	312.3	1	Ci.	S.-Cu.	10	------------	S.-Cu. E
28	S	S	S	NNW	NW	NW	33	53.6	103.8	59.3	249.7	2	Ci.	S.-Cu.	6	------------	S.-Cu. E
29	Calm	SE	SE	NW	NW	Calm	32.5	63.3	112.7	49.7	258.2	3	------------	S.-Cu.	6	A.-Cu.	S.-Cu. E
30	SSE	SE	S	NW	NNW	SE	72.4	69	104.6	48.1	294.1	1	------------	S.-Cu.	5	------------	Cu.
31	S	SE	SSE	NW	NW	N	34.6	55.8	84.2	77.7	252.3	1	------------	S.-Cu.	3	------------	Cu.
Mean	------	------	------	------	------	------	44	58.1	94.4	56.6	253.1	3.5	------------	------------	5.3	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	7,847.3	----	------------	------------	----	------------	------------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

APRIL, 1909.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.39	59.93	60.94	58.52	58.70	61.07	25.1	23.4	33.1	36.2	28.6	25.5	37.4	23	92	85	49	39	75	91	------
2	59.63	60.43	61.44	58.67	59.35	61.18	24.6	23.2	33.6	36.2	28.8	27.7	37.5	22.8	93	86	50	40	73	79	------
3	60.29	60.89	61.67	59.21	59.38	61.24	24.6	23.6	32	31	28.5	27.8	34.2	23.3	91	96	57	61	75	77	------
4	59.72	60.53	61.72	59.15	59.16	60.09	25.3	24	32.6	31	28.2	27.1	35.1	23.9	89	97	55	69	79	84	------
5	59.02	59.93	60.86	58.22	58.17	59.99	25.1	24	33.4	34.5	29.6	27.6	35.7	23.8	91	95	54	52	77	83	------
6	58.99	59.09	59.87	58.08	57.91	59.17	27	24.5	30.9	31.8	27.6	27.1	32.8	24	85	94	64	56	70	71	------
7	58.32	58.45	59.73	57.07	56.72	58.44	26	24.5	30.5	32.4	28.6	26	33.2	23.8	78	80	62	55	75	91	------
8	58.19	58.53	59.24	57.32	58.17	59.96	25.1	24	31.4	33.7	26.7	26.5	35.8	23.5	87	82	48	45	82	81	------
9	58.64	59.30	60.24	57.70	58.14	59.99	24.1	24.2	32.6	31.5	28	27	34.2	23.8	91	88	54	66	74	79	------
10	59.21	59.68	60.67	58.12	58.38	59.82	26.2	25.1	30.1	31.6	28.2	27	32.6	24.7	80	83	63	56	72	78	------
11	58.92	59.72	60.47	57.64	58.68	60.52	25.7	23.4	33.3	35	28.6	23.4	37.1	22.2	84	94	58	52	77	93	------
12	60.21	60.38	61.42	58.90	59.12	60.12	22.4	22.2	32.2	36	28.7	26.5	36.4	21.4	92	93	49	36	69	82	1.3
13	59.43	59.94	60.74	58.41	58.77	60.21	25.1	24	33.7	36.4	28.5	27.2	37.8	23.6	91	83	48	40	78	84	------
14	59.21	59.83	60.32	58.35	58.17	59.38	26	22.8	32.5	31.8	29.2	28.2	35.6	22.4	85	89	44	54	67	71	------
15	58.79	59.34	60.36	57.73	57.48	59.14	25.2	23.6	33.3	30.4	28.8	27.7	35	23.4	90	97	54	69	70	76	------
16	58.28	58.54	59.42	56.75	58.39	59.53	25.4	24.3	34	30.8	24.6	24	36.4	23.2	86	89	52	67	92	91	------
17	58.17	58.66	59.12	56.90	57.82	59.73	23.1	22.4	32.5	36	26.8	28.2	37.8	21.8	90	93	54	40	93	79	4.6
18	58.69	58.89	59.82	57.66	58.37	59.73	24.9	24.2	31.8	36.4	28.6	27.9	37.3	23.8	93	91	56	43	78	77	39.6
19	58.99	59.29	59.49	56.97	56.63	58.57	26	24.1	33	32.6	29.2	28.2	35.4	23.7	87	91	59	60	74	76	.5
20	57.43	58.12	58.72	56.66	57.02	58.61	25.1	24.6	32.5	32	29	27.7	36.5	24	83	87	58	67	77	84	------
21	57.94	58.55	59.12	57	57.86	58.94	25.8	24.1	33	32.9	28.9	27.9	35.7	24	89	96	58	56	74	79	------
22	58.11	58.70	59.31	56.80	57.28	59.22	27	24.5	33	33.1	28.3	27.6	35.5	24	84	93	58	62	81	81	------
23	57.92	58.25	59.22	57.37	57.35	58.73	26.9	24.2	32.5	32.4	28.8	27.4	33.8	23.9	85	91	59	54	72	80	------
24	57.92	58.59	58.74	56.42	56.50	59.12	26.5	23	32.5	32	29.3	26.1	35.2	22.6	82	96	55	63	66	83	------
25	58.45	58.53	59.26	56.96	58.13	59.16	24.4	23.8	32.8	34	27	28	36.5	23.3	90	93	54	54	95	82	------
26	58.53	58.76	59.24	57.35	57.85	58.85	25.8	24	32.6	34.5	30	28.4	36.8	23.8	90	89	54	52	70	79	9.1
27	57.75	58.96	59.72	57.36	57.17	58.34	25.5	24.2	33.5	32	29.3	28.2	35.1	23.8	89	91	53	57	70	77	------
28	57.66	57.90	58.74	57.03	57.10	58.12	27	25.5	31	31.5	29.5	27.7	33.6	25	83	92	72	66	72	80	------
29	57.17	57.80	58.58	56.80	57.11	58.77	26	26	31.8	32.2	30	28.5	33.2	24.1	88	85	65	61	65	73	------
30	57.43	58.30	59.03	56.91	56.86	58.64	25	25.6	31.7	31.8	29.4	26.6	36.2	24.8	92	87	59	62	69	84	------
Mean	58.61	59.13	59.91	57.60	57.92	59.48	25.4	24	32.4	33.1	28.5	27.2	35.5	23.5	87.7	90.2	55.8	55.1	75.4	80.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	55.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	NE	SE	SSE	S	NW	Calm	35.1	91.2	97.6	53.6	277.5	1	------	Cu.	4	------	Cu.
2	S	SE	SE	S	NW	NW	30.9	68.1	86.4	70.8	256.2	1	------	Cu.	3	------	Cu.
3	Calm	Calm	SE	N	NW	NNW	21.4	38.3	100.9	106.7	267.3	2	Ci.	S.-Cu.	3	------	Cu.
4	NE	SE	SE	NNW	NW	NW	35.9	48.9	112.7	77.5	275	2	------	S.-Cu.	2	------	Cu.
5	S	Calm	S	NW	NW	NW	35.7	50.2	93.1	93	272	1	------	S.-Cu.	2	------	Cu.
6	NW	Calm	NW	NW	NW	NW	28	56.6	152.9	153.1	390.6	4	------	S.-Cu.	1	------	Cu.
7	NW	E	NNW	NW	NNW	NW	91.1	41.5	89.3	79.7	301.6	8	------	S.-Cu. N	2	------	Cu.
8	SW	S	SSE	SE	NNE	Calm	47.2	95	89.8	48.9	280.9	10	------	S.-Cu. S	9	------	S.-Cu. S
9	Calm	S	E	NW	NW	NW	20.1	35.6	113.5	104	273.2	10	------	S.-Cu. S	4	------	Cu.
10	NW	N	NW	NW	NW	NW	64.6	39.1	113.2	104.9	321.8	9	------	S.-Cu. S	1	------	Cu.
11	N	Calm	SE	NW	NW	SE	28.7	40.5	103.5	55.2	227.9	2	Ci.	S.-Cu.	4	------	Cu.
12	SE	SE	SSE	W	NW	NW	44.3	75.6	82.9	76.4	279.2	2	------	S.-Cu.	2	Ci.	Cu.
13	E	S	SSE	SE	N	NW	44.5	81.8	89.8	84	300.1	1	------	S.-Cu.	2	------	Cu.
14	E	SE	SE	N	NW	NNW	38.8	52.6	120.4	96	307.8	0	------	------	4	------	S.-Cu. E
15	NE	Calm	S	N	NW	NW	32.2	49.6	134.6	85.9	302.3	1	Ci.	S.-Cu.	6	Ci.-S.	Cu.-N.
16	Calm	NE	ESE	NNW	SSW	S	21.7	38.9	75	36	171.6	2	Ci.	S.-Cu.	8	Ci.-S.	Cu.
17	SE	SE	SE	S	N	NW	43.3	92.5	96.6	66.8	299.2	4	Ci.	Cu.	3	Ci.	Cu.
18	NW	E	SE	S	W	NW	33	80.3	65.8	53.6	232.7	8	Ci.	S.-Cu. SE	8	Ci.	S.-Cu.
19	SW	SE	SE	NW	NW	NW	43.8	52.5	120.7	96.4	313.4	6	------	S.-Cu. SE	5	Ci.	Cu.
20	NE	SE	SE	WNW	NW	NW	39.6	69.2	104	85.1	297.9	1	------	Cu.	6	------	Cu.
21	Calm	E	SE	NW	NNW	NW	32.7	59	112.7	105.9	310.3	8	------	S.-Cu. SW	6	Ci.-S.	Cu.
22	N	NE	SE	NW	NW	NW	42	48.5	109.2	91.9	291.6	4	Ci.	S.-Cu.	5	Ci.-S.	Cu.
23	NW	E	ESE	NW	NW	NW	47.8	47.3	114	93.3	302.4	2	------	S.-Cu.	4	Ci.-S.	Cu.
24	NW	E	S	NW	NW	S	40.8	39.4	105.9	63	249.1	0	------	------	4	------	Cu.
25	SE	S	S	NW	NW	NW	46.7	67.9	100.8	76.1	291.5	3	Ci.	Cu.	6	Ci.	Cu.
26	S	S	SE	NW	NW	NW	39.2	73.4	87.2	89	288.8	1	Ci.	Cu.	6	------	Cu.
27	NE	SE	SE	NNW	NNW	NW	40.2	42.8	116.2	91.9	291.1	1	Ci.	Cu.	4	------	Cu.
28	N	NE	NW	NW	NW	NW	35.4	55.5	116.2	93.1	300.2	5	------	S.-Cu. SE	2	Ci.-S.	Cu.
29	W	NW	NNW	NW	NW	NNW	27.9	54.5	113.8	76.7	272.9	1	Ci.	Cu.	6	------	Cu.
30	Calm	S	SE	NNW	NNW	SE	30.9	36	93.3	37.3	197.5	10	------	S.-Cu. S	7	------	N.-cf.
Mean	------	------	------	------	------	------	38.8	57.4	103.7	81.5	281.5	3.7	------	------	4.3	------	------
Total	------	------	------	------	------	------	------	------	------	------	8,443.6	------	------	------	------	------	------

DAGUPAN.

[ϕ=16° 03′ N ; λ=120° 20′ E ; barometer above sea, 2.7 meters ; gravity correction not applied, −1.67 mm.]

MAY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.60	57.71	58.77	56.67	57.24	59.31	25.2	25.6	32.7	33.1	28.9	26	35.6	24.7	82	77	54	56	78	90	0.3
2	57.68	58.24	59.19	56.67	58.06	59.39	25.7	24.7	33.7	31.8	28.6	23.6	36.9	23.4	92	95	54	66	77	95	------
3	58.74	59.12	59.69	57.50	57.62	58.22	23.9	24	33.5	33	29.3	26.6	35.6	23.5	91	90	53	56	74	74	------
4	57.76	58.67	59.58	57.25	58.28	58.91	25.3	24.3	34.6	33	29.6	26	36.4	23.6	82	88	54	55	63	80	------
5	57.54	58.22	58.88	56.39	56.60	57.78	23.5	24.1	34.4	34.3	30	28.3	36.4	23.3	96	90	50	50	71	80	------
6	57.40	57.58	58.39	55.76	56.39	58.25	24.8	24	33.4	34.6	25	24.2	37.8	23.8	92	97	55	55	82	88	1.3
7	57.25	57.34	58.22	56.15	56.53	58	24	24.1	32.8	32.9	30.1	26	36.6	23.4	88	86	58	60	74	82	------
8	56.50	57.06	57.92	55.44	56.16	57.89	24.2	24	33.6	36.5	30.2	27.5	37.6	23.2	90	90	55	42	66	74	------
9	56.81	56.98	57.81	56.35	57.58	58.54	26	25.5	34.3	30.8	29.6	25.9	36.8	24.7	87	89	57	72	71	81	------
10	57.85	58.50	58.88	56.77	58.83	60.42	24.5	24.4	32.9	33.6	24.8	23.5	35.6	23.2	91	90	59	60	96	97	13.2
11	58.66	59.41	59.33	57.36	58.08	59.74	23.2	23.6	31.6	35.4	28.5	25.2	37.8	23	98	98	68	51	80	98	30.7
12	58.43	58.79	59.34	57.19	58.78	59.53	25	24.6	32	35	25.4	24.7	36.1	24	97	97	61	50	93	98	9.4
13	57.77	57.91	58.65	56.16	57.94	59.03	23.6	23.5	31.4	34.1	24	24.2	35.9	22.8	98	97	64	56	96	94	10.7
14	57.19	57.63	58.38	56.97	57.36	58.97	24.3	24.2	32	28.2	30	26.4	35	23.4	95	96	66	85	77	85	1
15	57.94	57.77	58.27	56.85	57.18	59.31	25.2	25	32.5	34	29.6	28.7	34.8	24.3	95	93	64	56	79	81	------
16	58.46	58.43	59.28	57.23	57.32	59.22	27.5	26.4	31.2	32.1	29.9	29	33.7	25.9	85	93	64	60	75	78	------
17	58.16	58.57	58.96	57.24	58.31	59.95	28.5	26.4	33	30.7	27	24.8	36.8	24.6	80	92	61	68	96	98	38.1
18	58.83	58.02	59.86	57.92	58.17	59.82	24.6	24.3	32	35.4	29.3	28	37.7	24.2	98	98	66	59	81	88	------
19	58.92	59.24	59.86	57.35	57.36	59.26	26.5	25.7	33.7	37.2	30.2	25.1	38.4	24.3	94	98	64	49	76	83	------
20	58.25	58.52	58.76	56.62	56.35	58.48	24	24.2	33.2	36.5	31.2	27.4	37.7	23.1	91	95	63	50	66	89	1.3
21	57.83	58.02	58.04	56.76	57.20	59.01	25.7	24.5	32	35.5	31.1	29.5	37.6	23.6	83	90	53	47	66	66	------
22	58.48	58.32	58.58	57.51	58.83	60.66	26.1	25.2	33.3	33.6	28.2	25	37.2	24.5	88	88	58	64	76	96	1
23	60.10	60.09	59.89	57.91	58.52	60.91	24	24.6	33.2	36.1	30.5	25	38.2	23.6	97	97	66	45	69	94	40.6
24	59.15	59.64	59.72	56.65	56.50	59.86	24	24	32	35.4	32.4	22.6	37.7	21.1	96	96	67	52	66	97	46
25	58.71	57.96	58.30	55.93	56.43	58.16	23.6	23.5	31.5	35.7	29.8	27.4	36	21.7	98	98	68	49	78	87	------
26	56.92	57.31	57.76	56.16	56.46	58.48	25.6	25.4	32.7	30.8	30.1	26.8	35.1	24.5	88	89	64	80	81	93	------
27	57	57.91	58.14	55.93	56.77	59.16	25	25	32.1	32	27.3	25.5	35.1	24.4	96	93	66	63	85	92	6.9
28	57.52	57.52	57.58	55.93	56.52	57.99	24.5	24	31.2	34.5	27.7	25.5	36.2	23.6	96	97	67	54	83	95	1.3
29	57.34	57.89	58.44	56.72	57.80	59.03	25	25.4	32.7	31.8	24	23.7	35.9	23.4	96	93	61	74	95	97	------
30	57.02	57.29	57.59	55.16	55.87	57.59	24.5	24.8	32.8	32	29	26.5	35.1	23.6	92	89	62	66	70	77	4.3
31	56.71	57.04	57.19	55.64	56.06	58.42	25.3	25	32.2	34.6	33.2	28	36.8	24	82	83	63	52	54	70	------
Mean	57.89	58.15	58.69	56.65	57.33	59.01	24.9	24.6	32.7	33.7	28.9	26	36.5	23.7	91.4	92.3	60.8	58.1	77.2	87	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	206.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	S	SE	NW	SE	Calm	79.1	61.2	71.8	30.3	242.4	1	Ci.	S.-Cu.	6	Ci.	Cu.
2	E	SE	SE	WNW	NNW	SE	29.3	64.4	102.8	55.3	251.8	9	Ci.	S.-Cu.	7	------------	Cu.-N.
3	S	SE	SE	NNW	NNW	NE	60.9	59	109.9	74	303.8	2	Ci.	Cu.	5	------------	Cu.-N.
4	SE	SE	S	NNW	S	SE	39.9	57.6	91.1	42.1	230.7	1	Ci.	Cu.	5	------------	Cu.
5	Calm	SE	SE	NNW	NW	SW	34.4	49.6	109.4	60.6	254	1	------------	Cu.	5	------------	Cu.
6	S	S	S	NW	S	SE	33.5	69.5	95.8	45.7	244.5	1	------------	Cu.	5	------------	Cu.
7	Calm	SE	SSE	W	N	SE	35.7	58.5	96.1	50.4	240.7	1	------------	Cu.	6	Ci.-S.	Cu.
8	SE	SE	SE	SE	NW	SW	31.4	46.1	72.2	46.9	196.6	4	Ci.	Cu.	6	Ci.	Cu.
9	Calm	S	SSE	WNW	NW	SE	28.4	45.6	119.4	56.6	250	1	------------	S.-Cu.	8	A.-Cu.	Cu.-N.
10	SE	SE	SSE	NW	SSW	SE	53.9	50.2	82.1	37.3	223.5	8	Ci.	S.-Cu.	9	A.-Cu.	Cu.
11	SE	SE	SE	SSE	NW	Calm	32.8	66.2	92.7	36.8	228.5	8	Ci.	S.-Cu.	6	Ci.-S.	Cu.
12	SE	SE	SE	SE	NW	SE	46.5	81.5	71	48.5	247.5	9	Ci.-S.	S.-Cu.	9	A.-Cu.	N.-cf.
13	SE	E	SE	SE	E	Calm	54.4	71.1	83.1	36.5	245.1	2	Ci.	S.-Cu.	9	------------	Cu.-N. SSW
14	SE	SE	SE	SW	WNW	N	42.3	74.2	58.5	65	240	2	Ci.	S.-Cu.	10	A.-Cu.	S.-Cu.
15	NW	SE	S	NW	N	NW	41.5	58.5	84.7	87.7	272.4	1	Ci.	Cu.	4	Ci.	Cu.
16	NW	Calm	NW	NNW	NW	NW	50.4	32.4	82.1	100.4	265.3	8	Ci.	Cu.	9	Ci.-S.	Cu.
17	N	SE	SSE	N	N	S	47.2	37.6	103.5	41.2	229.5	10	------------	S.-Cu. E	10	------------	Cu.-N. NE
18	SE	SE	SE	S	W	NW	41.2	63.6	85.6	64.2	254.6	10	------------	S.-Cu. S	9	Ci.	S.-Cu. S
19	NE	Calm	SE	S	N	Calm	32.7	54.1	92	53.6	232.4	1	Ci.	------------	5	Ci.	Cu.
20	Calm	Calm	SE	S	NW	Calm	18.8	42.6	72.2	48.3	181.9	5	Ci.	Cu.	2	Ci.	Cu.
21	Calm	SW	SE	SSE	W	NW	31.7	90.4	83.1	65.7	270.9	4	Ci.	Cu.	4	Ci.	Cu.
22	SE	SE	SSE	W	NW	Calm	52.3	84.3	113.2	47	296.8	4	Ci.	Cu.	3	Ci.	Cu.
23	S	SE	SE	S	NNW	NW	48.3	67.4	86.3	68.7	270.7	7	Ci.	Cu.	2	Ci.	Cu.
24	Calm	SE	SE	SE	NW	NE	36.2	56	63.9	96.9	253	10	------------	S.-Cu. SE	2	Ci.-S.	Cu.
25	NE	SW	SE	SE	SW	NW	31.9	46.5	70.8	48.9	198.1	10	------------	S.-Cu. SSE	5	Ci.-S.	Cu.-N.
26	SW	S	SE	NW	NW	Calm	40.5	56.6	46.4	32.7	176.2	7	Ci.	Cu.	10	------------	Cu.-N.
27	SE	SE	SE	NW	E	NW	35.7	60.7	71.9	44.9	213.2	8	Ci.	S.-Cu.	9	A.-Cu.	Cu.
28	S	S	SE	SSE	Calm	Calm	52.5	72.7	67.6	34.8	227.6	10	------------	S.-Cu.	10	A.-Cu.	S.-Cu. S
29	Calm	SE	SE	SSE	SE	SE	31.4	57.1	87.7	47.7	223.9	10	------------	S.-Cu.	9	A.-Cu.	N. S
30	SSE	E	SSE	NW	SE	S	68.2	74.5	89.8	76.9	309.4	9	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.-N.
31	SE	SE	SE	SSE	SE	SE	44.5	67.1	70.8	41.6	224	9	A.-Cu.	S.-Cu.	8	A.-Cu.	Cu.
Mean	------	------	------	------	------	------	42.2	60.5	84.8	54.4	241.9	5.6	------------	------------	6.6	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	7,499	----	------------	------------	----	------------	------------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

JUNE, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.73	57.75	58.11	56.39	56.87	58.88	25	24.7	32.9	36.6	29.6	25.2	37.7	23.4	83	84	53	46	77	92	2.3
2	58.07	58.04	58.98	56.65	56.04	57.99	24.2	24.5	33.5	34.4	31.4	28.5	36.3	23.6	94	89	59	56	63	68	------
3	57.14	57.23	57.77	55.73	56.11	58.15	26.2	26	33	35.7	32.6	28	37.3	24.9	79	81	52	44	50	70	------
4	57.67	57.85	58.06	56.66	56.39	58.21	25.5	25.6	33	35	31.6	27.6	36.4	24.2	79	82	54	49	55	69	------
5	57.83	58.15	57.97	56.65	56.54	58.60	24.5	23.5	33.5	36.3	31.2	28.6	37.5	22.4	83	87	50	44	68	78	------
6	57.44	57.41	57.92	56.50	57.35	58.66	26.5	25.5	33.9	34.1	27.6	27.5	36.2	24.5	79	83	54	61	90	93	16
7	58.18	58.23	58.64	56.88	57.50	58.86	25.6	24.9	33	37	30.6	29.2	37.8	23.9	88	92	58	43	74	81	------
8	58.42	58.83	58.87	57.15	57.71	59.10	27.5	26.9	33.8	33.4	30.9	30	35.8	25.7	84	86	58	62	73	78	------
9	58.02	58.20	58.63	57.15	57.67	58.49	26.5	26.5	32.6	30.8	29.5	28.8	35.9	25.5	89	86	64	71	79	83	------
10	57.88	58.40	58.51	56.81	56.69	58.53	27.6	25.9	33.8	32.7	30.9	30	35.5	25	84	88	60	61	70	75	------
11	57.77	58.20	58.22	56.55	56.15	58.98	26.9	25.8	34.2	33.7	30.7	27.7	35.4	24.7	82	86	56	59	76	82	.5
12	57.73	58.12	58.69	56.85	57.87	59.09	25.5	25	33	36	26.2	26.3	36.8	24.3	93	93	56	47	87	89	5.6
13	58.63	58.99	60.18	58.07	58.35	61.08	25.6	25.4	29.4	33.9	30.1	22.4	34.7	22.1	94	92	71	54	76	96	24.1
14	59.29	59.67	59.29	57.27	58.20	59.62	22.4	24.1	31.7	34.9	28.5	27	36	22.1	99	94	65	52	69	90	------
15	59.21	59.72	59.73	57.52	58.97	60.44	26	25.2	32.6	33.6	28.6	25	34.5	24.1	92	92	65	62	81	91	.8
16	59.22	59.59	59.88	57.93	59.08	59.82	24	23.8	31	33.2	25.4	25.1	36	23.5	97	97	72	62	98	98	33.5
17	59.09	59.47	59.89	58.01	58.03	59.53	24	24.5	28.9	32.1	28.6	26.6	33.1	23.8	98	97	82	64	78	87	------
18	58.70	58.73	59.08	57.57	57.29	58.73	25.1	24.6	29.7	30.6	28.7	25.3	33.9	24.2	96	96	75	71	78	97	5.8
19	57.96	58.30	57.82	57.15	56.58	57.68	24	23.7	28.5	26.8	27.5	25.5	31.5	23.5	97	95	78	90	80	91	7.4
20	56.92	56.36	56.70	55.46	56.13	56.86	25	24.3	29.7	32.2	24.1	23.6	33.2	23.5	93	94	76	64	95	97	37.6
21	55.95	55.71	55.78	55.90	55.11	56.16	24	24.2	29.2	25.4	24.5	24.1	30.6	23.6	97	95	78	91	96	97	43.4
22	55.71	55.87	56.63	55.29	55.65	57.28	24	23.2	24.9	27.6	28	26	29.4	22.7	97	97	88	77	75	88	1
23	56.75	57.02	57.44	57.02	58.06	58.98	23.4	24.4	27.8	32.2	25.8	23.4	34	23.1	95	88	76	63	83	98	13.5
24	58.12	58.70	58.93	57.52	58.14	59.39	22.7	23.8	30.6	32	30	28.4	33.1	22.6	97	95	68	64	69	75	------
25	58.15	58.27	58.72	56.97	57.30	58.62	25.8	25.4	32.4	31.7	29.6	28.7	33.4	24.8	91	92	67	70	77	85	------
26	57.47	57.70	58.18	56.04	56.82	58.16	27.1	26.2	32.2	31.1	29.4	27.4	36.4	25.8	92	96	70	71	81	86	------
27	57.53	57.26	57.60	55.57	57.74	59.24	26.2	25.2	31.5	33.5	24.2	24.4	35.7	23.9	94	98	71	66	96	92	11.7
28	57.56	57.57	57.68	56.49	57.96	59.43	24	23.9	29.8	34	23	23.4	35	23	95	96	75	58	99	97	12.2
29	58.94	59.04	59.09	57.28	58.37	59.42	22.6	23.4	30.5	34.5	27	25	35.5	22.3	97	96	73	54	72	94	1
30	58.99	58.76	59.81	57.31	57.69	58.70	25.1	24.4	31.7	31.7	28.6	26.6	34.5	24.2	95	95	69	61	75	92	------
Mean	57.94	58.10	58.43	56.81	57.28	58.76	25.1	24.8	31.4	32.9	28.5	26.5	35	23.8	91.1	91.4	66.4	61.2	78	87	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	216.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	SE	SSE	SSW	N	Calm	37.2	67.8	87.7	49.3	242	1	Ci.	Cu.	4	Ci.	Cu.
2	SE	SE	SSE	N	N	SE	35.6	58.7	79.1	52	225.4	1	------	Cu.	1	------	Cu.
3	SE	SE	SE	SE	SE	S	50.7	117.7	114.8	33.6	316.8	0	------	------	1	------	Cu.
4	SE	SE	SE	SSE	S	S	46.4	103.5	107.3	56.9	314.1	9	Ci.	S.-Cu.	5	Ci.-S.	Cu.
5	SE	SE	SSE	NE	NNW	N	41.5	84.8	100.1	45.9	272.3	3	A.-Cu.	Cu.	3	Ci.-S.	Cu.
6	Calm	SE	SE	NW	NE	Calm	37.6	48.8	59	20.1	165.5	2	Ci.	Cu.	7	------	S.-Cu.
7	E	SE	SE	SE	NW	NW	44.1	68.6	76.2	85.1	274	1	------	Cu.	6	Ci.	Cu.
8	E	SE	SSE	NNW	NW	NW	37.5	50.1	85	59.8	232.4	1	------	Cu.	8	A.-Cu.	Cu.
9	SE	SE	SE	WNW	W	W	42.3	57.3	111	71.4	282	9	A.-Cu.	S.-Cu.	8	------	Cu.-N.
10	E	SE	SE	NNW	NW	NW	38.8	50.9	121.8	90.6	302.1	4	A.-Cu.	Cu.	4	------	Cu.
11	E	SE	ESE	NW	NW	W	42.1	52.3	108.6	69.8	272.8	1	Ci.	Cu.	4	Ci.	Fr.-Cu.
12	Calm	SE	SSE	SW	Calm	S	32.7	73.4	61.5	49.6	217.2	5	Ci.	Cu.	6	Ci.-S.	Cu.
13	SE	S	SE	SSE	W	SE	35.2	85.5	80	55.7	256.4	4	Ci.	S.-Cu.	8	A.-Cu.	S.-Cu.
14	Calm	SE	S	SSE	NW	SW	24.7	62.3	82.4	62.5	231.9	4	A.-Cu.	Cu.	6	A.-Cu.	S.-Cu.
15	Calm	SE	E	NW	N	SW	23.9	36.2	112.3	55.7	228.1	8	Ci.	S.-Cu.	8	Ci.	S.-Cu.
16	SW	Calm	S	NW	NE	Calm	28.2	52.6	67.4	26.9	175.1	8	Ci.	S.-Cu.	9	------	Cu.-N.
17	Calm	E	SE	W	W	W	34.8	52.6	70.2	37.2	194.8	10	------	S.-Cu. SE	8	Ci.	Cu.-N.
18	Calm	S	S	N	SE	SE	35.2	43.7	45.9	35.9	160.7	5	Ci.	S.-Cu. SE	9	A.-Cu.	S.-Cu. SW
19	Calm	ESE	S	SW	NW	SW	45.1	70	55	41.8	211.9	10	------	S.-Cu. S	10	A.-Cu.	N. SW
20	SE	SE	S	SSW	S	SE	47	82.6	60	51.3	240.9	8	Ci.	S.-Cu. SW	10	A.-Cu.	S.-Cu. SW
21	SE	SE	SE	W	E	S	78.7	87.2	43.1	44.6	253.6	10	------	S.-Cu. SW	10	------	N. SW
22	SW	SE	SE	SE	SE	SE	52.8	147.9	124.9	102	427.6	10	------	N.	8	A.-Cu.	S.-Cu. SE
23	SE	SE	SSE	S	S	S	103.3	87.9	71.1	59.5	321.8	9	A.-Cu.	S.-Cu. SE	8	A.-Cu.	Cu.
24	S	E	S	NNW	N	NNW	65.8	35.4	98.4	85.1	284.7	3	A.-Cu.	S.-Cu.	4	Ci.-S.	Cu.
25	Calm	E	S	NNW	N	N	32.7	48	125	66.6	272.3	4	Ci.-S.	Cu.	4	Ci.	Cu.
26	NE	E	S	NW	NW	N	26.2	60.7	64.2	71.8	222.9	7	------	S.-Cu.	8	A.-Cu.	S.-Cu.
27	Calm	SE	S	WNW	E	Calm	26	41.8	71.8	35.6	175.2	8	------	S.-Cu.	9	------	Cu.-N. W
28	SE	SE	SE	NW	E	Calm	38.6	50.4	60.9	28.2	178.1	9	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.-N.
29	SE	Calm	SE	S	SE	S	39.4	40.8	72.9	39.4	192.5	10	------	S.-Cu. E	5	Ci.	Cu.
30	Calm	SE	SSE	N	N	Calm	17.9	48.8	78.6	36.5	181.8	2	Ci.-S.	Cu.	8	Ci.	S.-Cu.
Mean	------	------	------	------	------	------	41.4	65.6	83.2	54	244.2	5.5	------	------	6.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,326.9	------	------	------	------	------	------

DAGUPAN.

[φ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

JULY, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.75	57.59	57.94	55.76	55.82	57.19	25.2	24.2	31.6	31.4	27.5	25.8	35.4	24	94	96	65	71	82	93	0.3
2	56.26	55.79	56.33	54.66	56.06	57.47	25	24.4	32	34.8	25.7	24.4	35.9	23.9	95	95	64	53	96	97	79
3	56.34	56.10	57.07	55.38	55.73	58.10	24.1	24	31.1	33	29.8	24.4	34.4	23.4	97	96	68	66	69	93	1
4	57.21	56.61	57.49	56.27	55.93	58.30	23.6	24.1	30.1	30.9	29.7	27.2	33.9	23.5	98	96	78	69	76	83	------
5	57.68	57.14	57.63	56.21	56.50	58.41	25.4	24	31.1	34.3	28.6	27.4	35.4	23.7	85	93	62	57	87	88	------
6	57.49	57.71	57.93	56.31	56.17	58.11	26.1	24	30.4	30.1	29.2	24.1	33.9	23.8	94	92	71	69	78	94	20.8
7	56.70	56.72	57.22	55.91	56.08	56.90	23.7	23.4	27.1	30.6	26.8	25.3	32.2	23.2	97	99	81	65	83	88	------
8	56.41	56.44	56.70	55.66	56.49	57.82	24.5	24.5	29.8	30.5	25.1	24.2	31.4	23.8	91	89	69	63	93	94	11.7
9	56.76	56.48	57.36	55.68	56.14	57.79	24.1	24	29.1	30.2	26.5	24.4	31.8	23.6	95	94	72	68	83	91	7.6
10	57.51	56.96	57.21	56.37	56.50	57.97	23.6	23.5	29.1	26.7	24.4	24.6	32	23.2	97	97	76	93	93	95	4.6
11	56.88	56.59	56.98	55.28	56.13	57.60	24.1	24	29.8	32.1	26.7	25.2	33.9	23.5	99	97	77	61	85	94	2.6
12	56.21	55.97	56.63	54.79	56.02	57.20	24.1	23.5	30.4	31.5	26.3	25.6	32.9	23.2	97	99	75	68	90	93	39.6
13	55.14	55.12	55.91	54.84	55	57.42	24.8	23.6	24.4	26	24.2	23.6	26.4	22.8	98	99	97	94	97	98	35.5
14	56.32	56.37	57.14	56.42	56.84	58.22	24	24	27.3	28.5	27.6	24.3	29.2	23.3	95	91	80	73	76	89	.3
15	57.20	58.34	58.21	57.67	57.98	60.09	24	23.7	29.4	32.2	27	26.7	33.4	23.3	94	96	69	65	76	83	------
16	59.09	59.25	60.13	58.49	58.21	59.42	24.6	24	30.5	31.6	28.6	27.4	32.3	23.6	93	97	75	63	80	88	------
17	57.60	57.05	57.01	55.68	55.67	57.34	25.2	24.6	29.1	28.6	28	24.4	30.1	24.1	96	97	80	79	77	91	1.8
18	56.57	56.45	56.82	55.64	56.28	58.64	24.2	24	31	33	28	25.8	33.8	23.9	92	93	68	58	78	84	------
19	57.69	57.84	58.19	57.01	58.47	59.80	24.7	25	29.9	31	25.5	24.6	34.2	24.4	94	90	72	73	92	97	14.5
20	58.36	58.72	59.03	57.82	57.90	59.43	24.1	24.2	30	29.2	26.9	25.5	33.2	23.8	99	97	73	79	88	90	3.8
21	58.27	57.65	58.36	56.63	57.58	58.44	24.6	24.1	28.7	31.5	25	24.6	32.5	23.7	97	97	77	63	91	97	44.7
22	57.19	57.10	57.74	55.87	56.21	58.21	23.8	23.5	28.5	32.7	28.4	24	33.5	23.1	97	98	83	67	84	98	81
23	57.19	57.15	57.64	55.58	56.42	57.23	23.8	24.4	30.1	33.7	27	26	34.5	23.6	98	99	74	61	86	94	------
24	56.71	56.34	56.58	54.66	55.37	56.69	25.2	24.9	31	32.4	25.1	26.4	34.6	24.5	92	93	71	68	90	89	30.5
25	55.21	55.10	55.80	54.95	55.32	55.86	24.6	24.1	30.6	27.1	27.6	25.6	33.4	23.8	92	97	72	79	84	93	------
26	54.69	54.40	54.99	53.55	53.91	55.01	25.1	24.9	29.5	27.5	24.9	24.8	31.5	24	94	95	75	88	97	97	55.6
27	53.61	53.15	53.80	52.08	52	53.08	24	24.5	26.6	28.4	25	24.3	29.8	23.9	98	97	91	77	93	97	58.9
28	51.16	50.63	51.60	50.63	49.16	50.11	24	23.7	24.1	24.1	24.1	24.7	25	23.4	98	97	97	96	97	96	150.3
29	48.39	47.84	50.62	50.47	51.77	53.71	23.6	24	25.5	27.8	25.9	26.3	28.7	23.3	95	97	90	79	81	91	25.2
30	53.76	54.69	56.49	56.37	56.74	57.39	26.8	26.4	25.5	26.5	26	24.8	27.7	24.3	92	95	93	88	89	96	6.1
31	56.79	57.41	57.99	57.22	56.63	57.88	24.1	24	28.3	29.4	28.3	26.4	30.7	23.7	99	98	82	79	84	91	------
Mean	56.26	56.15	56.79	55.48	55.84	57.32	24.5	24.2	29.1	30.2	26.8	25.3	32.2	23.7	95.2	95.7	76.7	72	85.6	92.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	675.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	Calm	SE	N	NW	Calm	30.3	47.3	75.9	43	196.5	3	Ci.	Cu.	8	Ci.-S.	Cu. S
2	Calm	SE	SSE	SW	SE	Calm	34.3	61.2	82.9	42.3	220.7	1	Ci.	Cu.	6	Ci.-S.	Cu. S
3	SE	SE	SE	N	NNW	S	44.9	43.1	72.1	68.2	228.3	2	Ci.	S.-Cu.	4	Ci.	Cu.
4	SE	S	SSE	SE	S	S	33.8	62.5	84.2	38	218.5	10	A.-Cu.	S.-Cu.	10	A.-Cu.	S.-Cu.
5	SSE	Calm	SE	SSE	N	NE	60.4	81.6	84	46.1	272.1	6	A.-Cu.	S.-Cu.	6	Ci.-S.	Cu.
6	SE	SE	SSE	SSE	SE	SE	51.2	81.8	61.2	47.5	241.7	10	------------	S.-Cu.	10	A.-Cu.	S.-Cu.
7	SE	S	SSE	SE	SSE	SSE	58.1	91.1	119.9	84.5	353.6	10	------------	N. SE	10	------------	Cu.-N. SE
8	SSE	S	SE	SE	SSE	SE	64.4	130	136.3	97.7	428.4	10	A.-Cu.	S.-Cu. SE	10	A.-Cu.	Cu.-N. SE
9	SE	SE	SE	SSE	SE	SE	95.3	118.3	77.4	65.7	356.7	10	A.-Cu.	S.-Cu. S	10	A.-Cu.	s.-cu. ssw
10	SE	SE	SE	W	SE	S	71.3	83.2	66.8	47	268.3	9	A.-Cu.	S.-Cu.	10	------------	N. SSE
11	S	Calm	S	SE	W	Calm	26.9	47.5	56.5	42.6?	173.5?	9	A.-Cu.	S.-Cu. SE	8	Ci.	s.-cu. wsw
12	Calm	Calm	NW	WNW	SW	Calm	29	65	99	26.8	219.8	2	Ci.	Cu.	9	Ci.-S.	s.-cu. wsw
13	S	Calm	SE	SE	SE	SE	33.6	56.8	75	94.6	260	10	------------	N. WSW	10	------------	N. SE
14	SE	SE	SE	SE	SE	SE	91.1?	154.2	130	86.3	461.6	10	A.-Cu.	S.-Cu.	10	A.-Cu.	S.-Cu.
15	SSE	SW	SE	SE	S	N	63.4	82.1	72.7	41.6	259.8	10	------------	S.-Cu.	10	A.-Cu.	Cu.
16	SE	SE	N	NW	NW	N	37.5	39.4	120.5	91.2	288.6	1	Ci.	Cu.	5	Ci.	Cu.
17	S	SE	SE	SSE	SE	SE	33	58.1	101.6	100.4	293.1	10	------------	S.-Cu.	10	A.-Cu.	S.-Cu. SE
18	SE	SE	SE	SSE	SE	SE	64.9	89	110.2	62.2	326.3	10	Ci.-S.	S.-Cu. SE	9	Ci.-S.	S.-Cu. SE
19	SE	SE	SE	SW	SE	S	70.3	106.5	86.4	38.9	302.1	10	Ci.-S.	S.-Cu.	10	A.-Cu.	Cu.-N.
20	SE	S	S	NE	NW	Calm	35.6	45.1	48.1	39.7	168.5	8	Ci.	S.-Cu.	10	A.-Cu.	S.-Cu.
21	Calm	Calm	S	NNW	W	NE	24.1	37.6	70.3	30.6	162.6	8	Ci.-S.	S.-Cu.	9	------------	Fr.-N. ESE
22	SE	SE	SE	Calm	N	SW	30.3	48.9	63.3	47.3	189.8	9	------------	S.-Cu. SE	8	A.-Cu.	Fr.-Cu.
23	Calm	SE	SE	SSE	N	SE	38.8	76.9	81.3	26.6	223.6	10	------------	S.-Cu. SE	9	A.-Cu.	Cu.-N.
24	E	SE	ESE	N	N	NNW	32.2	55.5	63.8	34.1	185.6	9	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.-N.
25	E	E	SE	SW	Calm	Calm	40	46.1	59	26.8	171.9	8	Ci.	S.-Cu.	10	------------	N. SW
26	S	S	SE	N	SW	SW	27.9	45.1	58.9	37.8	169.7	10	Ci.-S.	S.-Cu. SE	10	------------	N. W
27	SW	SE	SE	SW	S	SE	50.9	73.2	55.5	62.6	242.2	10	------------	N. S	10	------------	N. SW
28	SE	SE	SE	SE	ESE	SE	76.9	97.4	77.9	98.5	350.7	10	------------	N. SE	10	------------	N. SW
29	S	S	W	WNW	NW	WNW	70	146.6	172.7	182.9	572.2	10	------------	N.	10	------------	S.-Cu. W
30	WNW	W	NE	E	N	Calm	110.8	70.3	48.3	20.9	250.3	10	Ci.-S.	S.-Cu. W	10	------------	S.-Cu. W
31	Calm	N	NE	NW	NNW	NW	18.5	33.6	68.1	45.9	166.1	10	------------	S.-Cu.	9	------------	Cu.-N. W
Mean	------	------	------	------	------	------	50	73.4	83.2	58.7	265.3	8.2	------------	------------	9	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	8,222.8	----	------------	------------	----	------------	------------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

AUGUST, 1909.

Day.	Atmospheric pressure, 700 mm.—						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57	57.20	57.79	56.42	55.91	57.70	25.6	25.1	29.4	31	27.5	26.1	32	24.5	93	95	75	71	86	89	0.8
2	56.48	56.41	56.63	56.04	55.37	56.55	25.4	25.5	28.7	26	27.4	26	30.5	25	94	95	81	94	81	92	7.4
3	56.32	55.82	56.58	55.48	55.62	57.19	25.5	24.7	29.1	30.6	28	26.2	32.6	24.4	95	94	79	70	77	90	3.6
4	56.40	56.51	56.96	56.38	56.68	57.75	25.4	25	29.6	25.1	26.4	25.9	32.6	23.8	94	95	76	94	88	92	26.1
5	56.84	56.60	57.64	56.12	57.20	58.59	23.6	24.6	29.9	30.4	25.1	24.6	32.3	23.4	98	97	74	74	92	96	17.2
6	57.46	57.31	57.66	57.17	57.34	59.04	24.5	24.5	28.8	29.8	26.6	25.9	31.5	23.8	97	97	78	79	90	95	9.2
7	57.80	57.68	58.35	56.93	57.04	58.96	25.3	25.1	29.6	32.3	29.7	27.5	33.3	24.7	98	95	77	68	69	80	------
8	58.05	58.32	58.94	57.64	57.58	59.39	26	25.3	30.2	31.7	28.6	26.6	33	24.8	87	93	74	68	66	83	------
9	58.20	58.79	59.74	58.73	58.78	59.94	26	24.7	29.2	31.6	29.1	26.9	33.1	24.5	87	93	75	67	70	81	------
10	58.87	59.17	59.51	57.93	57.99	59.92	25.7	24.7	31.2	31.6	29.4	27	33	24.4	89	93	64	64	71	83	------
11	59.07	58.89	59.17	57.38	57.20	59.21	26.3	25.1	31	32.3	29.9	26.9	33.4	24.7	87	92	68	62	71	82	------
12	57.55	57.99	58.53	56.79	56.36	58.16	25.6	24.9	31	31.8	29.7	27.6	32.8	24.5	91	90	64	65	70	83	------
13	57.80	58.52	59.29	57.97	57.88	59.74	25.6	24.6	30.4	32.6	29.1	28	33.1	24.5	89	94	68	62	74	80	------
14	58.71	58.65	59.28	58.16	58.39	59.51	27.3	27	30.7	32.5	28.4	27.6	32.9	26.5	86	87	70	65	82	83	------
15	58.92	58.51	59.14	57.09	57.16	58.32	25.9	23.8	29.9	32.7	28.7	27.5	33	23.5	93	93	72	62	75	81	------
16	57.49	57.52	57.75	56.38	55.94	57.22	26.3	24.5	30.6	30.8	25	25	32.1	24.2	90	94	73	67	98	98	------
17	56.76	57.02	57.79	56.47	56.24	58.18	24.4	24.6	29.3	30.6	28.5	26.8	31.7	24	98	96	79	74	80	87	22.1
18	57.80	57.72	58.70	56.96	58.69	59.32	25.5	24.5	30.3	33	24.5	22.6	33.4	22.5	94	95	73	63	97	99	------
19	58.87	58.79	59.55	57.51	57.84	59.53	22.6	23	29.4	31.6	27.6	24	33.6	22.4	99	98	79	68	87	98	60.9
20	58.71	58.72	59	56.72	57.06	58.92	23.7	23.6	28.4	33.3	29.1	25	33.8	23.1	97	96	78	60	76	97	9.4
21	58.06	58.35	58.94	58.04	57.91	59.11	24.7	24.6	30.8	29.3	28.5	26.6	32.1	24.3	98	98	73	74	78	90	15
22	58.66	58.66	59.07	57.36	57.86	60.10	25	24.4	31.3	31.9	29.7	24.2	33.1	24	97	99	67	65	75	98	------
23	58.44	58.41	59.07	57.18	57.17	59.05	23.8	23.2	31.2	34.5	30.6	29	35.4	23.1	99	98	68	56	76	81	.5
24	58.24	58.69	58.99	57.57	57.86	58.60	26.9	25.3	32.3	34.9	28	28.9	35.5	25.1	93	90	63	57	82	79	------
25	58.09	58.24	58.62	56.56	57.31	57.87	25.5	25.1	32.4	34.8	29.5	26.6	35.4	24.7	94	95	68	60	77	89	2.5
26	57.28	58.11	58.25	55.92	56.90	58.34	24.8	25	31.4	33.7	29.6	22.7	34.2	22.4	98	96	71	60	81	97	3.3
27	57.51	58.17	58.70	56.36	57.80	59.57	23	23.2	30.6	35	26.7	23.8	35.5	22.4	98	97	77	58	79	98	33.3
28	58.38	58.44	58.94	56.88	56.95	58.01	23.4	23.7	31.3	34.4	29.8	28	34.8	23.2	98	97	67	59	77	88	1.8
29	57.82	57.84	58.21	56.29	57.69	58.68	25.5	25	32	34.7	25.3	24	35.2	23.8	93	96	72	61	95	98	------
30	57.78	57.61	58.48	56.28	56.92	58.34	23.7	24.1	31.3	34.4	30.4	25.6	35	23.5	99	97	71	61	75	97	2.6
31	57.68	57.85	58.66	56.55	56.94	58.61	24.8	25	31.6	33.7	28.3	26	35.1	24.4	98	98	71	64	82	96	1.3
																					.3
Mean	57.84	57.95	58.51	56.94	57.21	58.69	25.1	24.6	30.4	32	28.2	26.1	33.4	24	94.2	94.9	72.4	66.8	79.9	89.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	217.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	E	SE	N	N	W	32.5	47.3	78.6	36	194.4	2	Ci.	S.-Cu.	8	A.-Cu.	Cu.-N.
2	Calm	Calm	Calm	NE	N	Calm	24.4	47.5	45.3	28.2	145.4	10	------------	S.-Cu. SW	10	A.-Cu.	S.-Cu.
3	SE	SE	SSE	NNW	SW	SE	46.7	67.8	54.5	25.7	194.7	10	A.-Cu.	S.-Cu. SE	9	------------	N.-cf. SW
4	S	SE	SE	S	N	NNW	40	84.3	54.9	32	211.2	10	------------	S.-Cu. SE	10	------------	N.
5	W	SE	SSE	NW	Calm	Calm	42.9	66.2	60.1	25.7	194.9	10	A.-Cu.	S.-Cu. SE	10	------------	N. SW
6	Calm	Calm	ESE	SW	SE	SE	26	47.2	32.5	35.1	140.8	10	------------	S.-Cu. SW	10	A.-Cu.	S.-Cu.
7	SE	SE	ESE	NW	W	W	80.6	46.1	70.8	51	198.5	9	A.-Cu.	S.-Cu. SW	5	Ci.	Cu.
8	Calm	Calm	E	NNW	W	NW	25.2	30.3	78.7	40.7	174.9	10	Ci.	S.-Cu. SW	9	A.-Cu.	S.-Cu. SW
9	Calm	N	Calm	NNW	W	W	24.3	25.7	56.6	38.9	145.5	9	A.-Cu.	S.-Cu. W	9	Ci.-S.	S.-Cu. W
10	Calm	Calm	NNW	N	WNW	W	17.2	33.2	93.5	49.7	193.6	9	A.-Cu.	S.-Cu.	9	Ci.-S.	S.-Su.
11	Calm	Calm	NW	N	WNW	Calm	23	24.7	86.4	49.3	183.4	9	A.-Cu.	S.-Cu.	7	A.-Cu.	Cu.
12	Calm	S	W	N	W	NW	30.3	42	102	72.4	246.7	6	Ci.	Cu.	7	Ci.-S.	Cu.
13	Calm	S	NW	NNW	NNW	NW	24.3	35.9	85.3	89.1	234.6	7	Ci.	S.-Cu.	8	Ci.-S.	Cu.
14	NW	W	NW	NW	NW	NW	74.5	49.9	101.7	76.1	302.2	6	------------	S.-Cu.	4	Ci.	Cu.
15	SE	SE	Calm	NW	NW	NNW	41.3	37	104.1	73.5	255.9	8	Ci.	S.-Cu.	9	Ci.-S.	Cu.
16	W	SE	NW	NNW	NW	NE	42.8	49.3	93.3	32.7	218.1	5	Ci.	S.-Cu.	9	------------	Cu.-N. NW
17	Calm	Calm	NNW	NW	NW	N	15.6	38.1	98.4	53.7	205.8	9	------------	S.-Cu. W	6	Ci.-S.	S.-Cu. W
18	Calm	Calm	Calm	N	NW	SSW	22.8	42.6	71.1	47	183.5	7	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N.
19	SE	S	S	NW	Calm	SE	36	61.8	62	52.9	212.7	10	------------	S.-Cu. S	9	Ci.-S.	N.-cf.
20	SE	SE	SW	W	NNW	NE	43.7	44.1	65.4	44	197.2	10	------------	S.-Cu.	6	A.-Cu.	N.-cf.
21	Calm	E	N	NNW	NW	S	18	47.5	81	42.8	189.3	6	Ci.	S.-Cu.	10	A.-Cu.	N.-cf.
22	Calm	SE	SE	NW	NW	S	23.9	47.8	94.6	57.1	223.4	1	Ci.	Cu.	2	------------	Cu.
23	Calm	SE	SE	SE	N	N	26.2	58.2	53.3	58.1	195.8	3	A.-Cu.	S.-Cu.	2	Ci.	Cu.
24	SW	SE	SSE	S	N	Calm	33.2	56.6	54.7	57.9	202.4	1	------------	Cu.	5	------------	Fr.-Cu. NE
25	E	E	S	NW	WNW	SE	34.9	54.1	64.7	46.7	200.4	1	------------	S.-Cu.	5	------------	N.-cf.
26	SE	SE	SSW	NNW	NNW	SE	29.6	47.7	80.8	67.9	226	9	Ci.	S.-Cu.	6	Ci.-S.	Cu.
27	E	SE	S	S	E	SE	30.4	57.6	63.8	51.8	203.6	5	Ci.	S.-Cu.	4	Ci.	S.-Cu.
28	Calm	SE	SE	S	NNW	N	37	33.2	59.7	55	184.9	9	A.-Cu.	S.-Cu. S	5	A.-Cu.	Cu.
29	SE	E	SE	W	SE	SE	35.4	41	63.1	40.5	180	1	------------	S.-Cu.	5	Ci.	S.-Cu.
30	Calm	SE	SE	WNW	NNW	SW	28.2	57.4	61.2	47	193.8	1	------------	S.-Cu.	2	Ci.-S.	Cu.
31	SE	SE	S	Calm	SE	SE	30.9	50.4	43.1	38.6	163	5	Ci.	S.-Cu.	9	A.-Cu.	Fr.-Cu. ENE
Mean	------	------	------	------	------	------	32	47.5	71.5	48.9	199.9	6.7	------------	------------	7	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	6,196.6	----	------------	------------	----	------------	------------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

SEPTEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.07	58.10	58.43	56.63	56.92	58.61	25.1	24.3	32	34.1	30.2	26.9	34.5	24.2	98	98	66	54	73	89	------
2	57.97	57.53	58.89	56.97	57.17	58.63	25.8	24.7	31	33.2	29.4	25.2	34.1	24.5	93	98	72	68	82	92	0.5
3	57.86	57.94	57.95	57	57.32	58.68	25	24.2	30.3	33.6	28.4	26.3	34.4	24	94	99	77	61	85	98	------
4	57.99	58.06	58.12	56.11	56.26	57.82	25.7	24.9	30.2	31.1	29	25.4	32.1	24.2	90	97	75	74	82	93	------
5	56.68	56.62	57.02	54.90	55.28	57.22	25.1	24.3	30.6	33.5	27.6	24.8	33.9	24	94	98	77	64	88	98	1.3
6	56.01	56.11	56.37	54.06	54.34	55.95	23.7	24	30.2	33.9	27.3	26.3	34.5	23.5	98	98	78	64	82	89	------
7	54.65	54.33	54.99	53.63	53.78	55.61	24.9	24.1	30.4	33.5	28.2	25.5	33.9	24	99	98	73	67	88	98	.3
8	54.52	54.89	55.23	53.05	53.39	55.48	25	24.4	29.5	28.4	27.5	25	31.2	24	98	97	79	88	93	98	16.5
9	54.42	55.06	56.34	54.24	56.18	57.53	24	24.1	28.6	31.7	26	25	32.8	23.8	99	99	83	72	96	97	1.3
10	55.88	56.62	58.05	56.24	56.64	58.37	24	24.3	28.6	27.3	27.7	25.6	32.4	23.7	98	97	85	89	90	98	1.8
11	55.81	56.75	57.76	55.39	55.99	57.05	24.7	24.6	29.6	31	28.4	25.8	32.7	24.3	99	99	82	79	80	98	5.3
12	56.04	55.63	56.15	53.68	54.87	56.70	24.8	24	28.7	33.5	26.2	25.6	34.4	23.6	98	98	84	69	98	96	8.4
13	55.39	55.25	56.20	53.93	54.07	55.91	24.6	24.4	30.6	33.9	28.9	28.4	35.4	24.1	99	98	78	62	93?	91	------
14	54.94	54.70	54.96	52.93	53.03	55.02	27.6	26	31.7	32.5	28.5	26.6	34.3	25.8	95	98	69	65	83	96	4.1
15	53.80	53.75	54.83	53.52	53.65	55.87	25.4	25	31.1	32.1	29	27	33.6	24.8	98	98	70	68	76	87	2.3
16	55.21	55.89	57.26	55.98	55.95	57.60	25.5	25.1	27.1	26.4	27	25.2	30.9	24.7	96	98	92	95	84	98	13.7
17	56.09	55.95	56.90	55.36	54.82	55.51	24.4	24	24.1	23.7	23	23	25	22.6	97	97	97	98	97	99	229.4
18	53.70	53.99	54.55	52.16	52.70	54.21	22.6	22.8	25.8	27.6	24.5	24	29.9	22.4	99	98	92	94	96	95	73.4
19	53.47	53.33	54.36	53.06	54.21	55.32	23.6	23.2	25	24.7	23.6	23	25.4	22.4	98	98	96	97	97	97	119.6
20	54.48	54.65	56.07	54.61	55.87	57.11	22.8	23.1	24.3	24	24	23.6	25.4	22.4	98	98	94	96	94	98	72.9
21	56.07	56.48	57.83	56.92	57.15	59.16	23.5	23.2	25.4	26.7	25.6	24.7	27.2	23	99	98	91	90	98	98	5.6
22	57.98	58.41	59.82	58.26	58.51	59.67	24.4	24	29.3	33	28.1	26.7	33.7	23	97	97	78	63	88	95	------
23	59.89	60.24	60.74	58.64	58.77	59.98	26	25.5	29.6	31.2	28.1	27.7	32.2	25.2	95	96	79	75	84	85	------
24	58.63	59.38	59.39	57.14	56.99	58.04	26.6	25.6	28.8	30	28.7	27.8	31.5	25.5	93	95	83	78	83	90	------
25	57.58	56.91	57.54	55.25	56.24	57.93	26.3	25.5	31	34	28	27.1	34.4	25	98	98	64	62	88	90	------
26	57.14	57.60	58.86	56.67	58.17	60.23	25.5	24.8	30.5	33.5	27.4	24.5	34.4	24.2	94	94	71	61	86	93	3
27	60.54	61.33	61.43	59.40	60.45	62.54	24.1	24	30.5	33.7	28.5	26.5	34.1	23.9	97	97	72	62	70	84	------
28	61.02	60.44	61.71	59.67	59.77	60.67	25.5	24.4	31.4	29.1	28.1	26.4	32.7	24.1	93	97	69	81	81	93	3.6
29	59.07	58.91	59.49	56.94	56.96	58.29	25	24.5	29.6	31.3	28.3	27.7	31.6	24.1	98	97	73	71	82	85	------
30	57.66	57.68	58.42	56.60	57.17	58.23	25.4	25	30.6	33.4	29.2	24.7	34.1	24.1	96	98	74	61	86	97	25.9
Mean	56.62	56.75	57.52	55.63	56.09	57.63	24.9	24.4	29.2	30.9	27.5	25.7	32.2	24	96.6	97.5	79.1	74.3	86.8	93.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	588.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	SE	SE	NW	NNW	SE	30.9	41.6	64.4	61.5	198.4	8	A.-Cu.	S.-Cu.	3	Ci.	Cu.
2	Calm	Calm	SSE	S	N	S	29.5	73.2	56.1	45.9	204.7	9	A.-Cu.	S.-Cu.	10	A.-Cu.	Cu.
3	SE	SE	SE	SSE	NW	W	31.1	57.9	45.7	35.6	170.3	9	A.-Cu.	S.-Cu.	9	A.-Cu.	S.-Cu.
4	SE	SE	SE	S	N	SW	46.5	54.2	41.8	41.8	184.3	10	------	S.-Cu. SSE	10	A.-Cu.	S.-Cu.
5	Calm	SE	SSW	S	NW	S	27.2	44.6	60.9	55.5	188.2	9	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.-N.
6	SE	SE	SSE	SE	E	SE	30.9	56.8	88.2	49.6	225.5	9	A.-Cu.	S.-Cu. SE	9	A.-Cu.	Cu.-N.
7	SE	SE	SE	S	SE	SE	69.8	136.3	107	80.2	393.3	9	A.-Cu.	S.-Cu.	8	Ci.	S.-Cu. sse
8	SE	SE	SE	E	S	SE	67.4	108	53.1	58.4	286.9	10	A.-Cu.	S.-Cu. SSE	9	A.-Cu.	S.-Cu. S
9	SE	SE	SE	SE	W	SE	71.6	79.9	50.9	55.5	257.9	10	------	S.-Cu. ssw	10	------	N. SW
10	SE	SE	S	NW	N	Calm	48.6	49.7	53.7	34	186	10	------	S.-Cu.	10	------	N. SW
11	SE	SE	SE	W	NW	W	50.2	60.4	32.8	38.8	182.2	10	------	S.-Cu. SE	9	A.-Cu.	N.
12	S	SE	S	S	SE	E	41.6	51.2	67.8	49.3	209.9	8	Ci.	S.-Cu. SSE	7	Ci.-S.	S.-Cu.
13	SE	SE	SE	SSE	NW	NW	25.1	56.1	76.7	76.6	234.5	8	Ci.-S.	S.-Cu.	7	Ci.	S.-Cu. SE
14	NW	S	SSE	N	SW	Calm	35.2	39.4	50.1	28	152.7	3	Ci.	S.-Cu.	8	Ci.	S.-Cu. SW
15	SE	SE	SE	NW	W	SW	32.2	44.3	68.2	48.1	192.8	10	Ci.-S.	S.-Cu. SW	9	A.-Cu.	S.-cu. wsw
16	SE	S	SE	Calm	Calm	S	33.2	38.6	33.5	31.2	136.5	10	------	S.-Cu. ssw	10	------	S.-Cu. W
17	E	E	SE	Calm	Calm	SE	41.3	36.5	30.6	43.7	152.1	10	------	N.	10	------	N.
18	SE	S	SE	E	WNW	SE	49.6	56.5	46.9	39.9	192.9	10	------	N. WSW	10	A.-Cu.	S.-Cu.
19	SE	SE	SE	SE	S	SE	76.2	81.5	61.2	71.9	290.8	10	------	N. SW	10	------	N. SW
20	SE	SE	SE	SE	SE	SE	77.5	91.5	72.9	68.6	310.5	10	------	N. SW	10	------	N. WSW
21	SE	SE	SE	Calm	SE	SW	68.6	65.7	35.6	41.8	211.7	10	------	N. SW	10	A.-Cu.	S.-Cu. SW
22	SE	SE	SE	SE	Calm	N	42.6	81.6	62.5	23.8	210.5	5	Ci.	S.-Cu.	9	Ci.-S.	S.-Cu.
23	Calm	E	E	NNW	NW	NW	26	35.1	91.2	61.2	213.5	9	------	S.-Cu. ENE	6	Ci.-S.	Cu.
24	N	N	S	NW	NNW	N	38.8	49.7	59.2	47.8	195.5	9	A.-Cu.	S.-Cu.	8	Ci.-S.	Cu.
25	E	E	SE	SSW	E	E	29	53.7	58.7	32.7	174.1	7	A.-Cu.	S.-Cu. ssw	9	A.-Cu.	S.-Cu.
26	Calm	SE	SE	SE	NE	SE	26.2	82.6	82.1	44.3	235.2	4	------	S.-Cu.	4	Ci.-S.	Cu.-N.
27	SE	SE	SE	SW	NW	SW	56.5	82.4	66.3	48	253.2	4	------	S.-Cu.	4	A.-Cu.	Cu.-N.
28	SW	S	SE	NW	NW	Calm	29.8	40.4	89.8	41.8	201.8	8	Ci.-S.	S. S	8	Ci.-S.	Cu.
29	Calm	S	W	NNW	NW	NW	28.5	41.3	100.3	56.6	226.7	10	------	S.-Cu.	2	------	Cu.
30	NE	Calm	SSW	NW	NW	S	28	43.1	73	51	195.1	10	------	S.-Cu.	6	Ci.	S.-Cu.
Mean	------	------	------	------	------	------	43	61.1	62.7	48.8	215.6	8.6	------	------	8.1	------	------
Total	------	------	------	------	------	------	------	------	------	------	6,467.7	------	------	------	------	------	------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

OCTOBER, 1909.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.67	57.75	58.79	56.56	56.99	58.22	24.4	24.1	31.4	32.3	29	28.2	34.3	23.9	98	97	68	68	83	88	------
2	57	57.40	57.19	54.64	55.18	56.30	25.7	25	29.7	30.3	28.4	26.8	32.2	24.7	96	97	76	76	86	94	------
3	55.43	55.60	56.38	54.84	55.30	56.51	24.9	24.1	30.8	26.2	25.9	25	33.2	23.9	96	97	71	96	97	98	27.4
4	55.21	55.60	56.38	54.22	54.78	56.05	24.2	23.7	29.2	29.4	27.6	26.5	32.1	23.4	99	99	78	72	88	89	------
5	54.83	55.56	56.31	54.36	54.60	55.51	25.6	26	27.4	27.4	25.1	24.2	28.1	24	95	92	84	84	95	97	33.7
6	53.98	54.26	55.25	53.84	54.69	56.56	23.5	23.9	25.1	29.8	27.7	24.8	31.7	23.1	98	97	97	66	83	93	16.2
7	55.58	56.30	57.53	56.04	56.89	59.32	24.3	24.2	30.1	26.5	25.8	23.8	32.8	23.5	96	98	78	96	94	97	3.6
8	58.37	58.15	59.42	57.59	57.74	59.63	24.4	24.1	28.3	29.4	27.8	25.1	31.8	23.6	98	99	84	74	88	98	3.5
9	59.03	59.03	59.78	57	58.37	59.69	24.8	24.7	28.6	30.4	25.7	24.8	31.6	24.5	98	98	87	76	94	98	19.8
10	58.32	58.34	59.47	57.03	56.74	58.13	25.2	23.6	29.9	30.8	28	27.7	31.4	23.3	96	99	75	71	81	84	------
11	57.35	57.69	58.49	56.59	57.33	59.08	25.3	25	30.2	30.6	28	26.2	32.9	24.8	98	98	75	74	79	83	------
12	58.61	59.13	59.81	57.40	58.23	60.04	25	23.6	31.9	31.8	30	27	33.9	23.4	90	96	66	67	79	83	------
13	59.65	59.75	60.16	57.61	57.91	59.34	25.3	24.1	32.1	32.8	28.9	28.3	34.4	24	93	96	68	60	80	86	------
14	58.81	59.02	59.38	56.73	56.89	57.91	26.2	24.7	31.5	33.9	28.8	27.8	34.2	24.5	91	97	72	62	76	84	------
15	57.38	57.45	58.13	55.75	55.87	56.93	25	24.5	31.4	33	28.9	26.9	33.9	24.2	98	97	71	63	82	93	------
16	56	55.89	56.58	53.91	53.03	53.43	25.5	24.2	30.6	31.1	29	28.4	32.2	24	93	97	79	73	86	87	------
17	51.39	50.35	49.93	46.93	45.27	44.63															95
18	44.74	48.08	50.50	49.52	51.68	53.14	------	23.5	23.1	26	23.4	24.6	26.4	22.5	------	94	94	90	94	95	81
19	53.07	54.02	55.74	53.66	55.47	57.16	24.6	24.4	28.6	29.5	26.3	25	31.7	24	95	94	81	77	91	97	5.3
20	56.62	57.37	58.31	56.04	57.16	59.21	24.5	24	30	33	28.4	26.9	33.6	23.8	97	97	79	66	88	91	------
21	58.84	59.25	60.12	57.76	58.58	59.43	26	25.4	29.8	32.4	28.1	27.4	33.2	25.2	94	97	76	70	84	87	------
22	58.85	59.45	60.04	57.48	57.91	59.17	26	26	30.5	31.4	28.2	27.4	32	25.5	96	97	74	72	82	87	------
23	57.87	57.64	58.51	55.83	54.93	53.93	27.2	27.1	29.6	29	27.5	27.8	30.3	26.8	87	90	76	78	92	91	6.3
24	49.14	41.59	49.62	51.60	54.82	57.01															35
25	56.57	57.56	58.97	57.29	57.98	60.03	24	24.8	29.9	32.8	27.1	25.6	33.4	23.6	95	89	72	64	82	90	1.8
26	59.52	59.75	60.02	58.09	58.76	60.39	24	23.6	31.5	31.2	28	27.1	33.6	23.5	97	96	66	72	87	91	------
27	59.53	59.18	59.33	57	57.63	59.78	25.1	24.3	30.5	31.8	29.2	26.4	33.6	23.9	92	95	68	64	81	87	------
28	58.54	58.30	59.32	56.88	56.73	58.50	24.4	23.5	28.6	33.6	28.4	26.4	35.1	23.3	89	89	73	55	79	87	------
29	56.75	57.71	58.84	56.82	57.59	59.17	25.2	24.4	29	29.7	26.5	25.6	31.6	23.9	87	92	76	66	90	92	------
30	57.77	57.85	58.26	55.92	57.14	58.80	25	24.4	29.5	31.9	26.6	25.4	33.4	24	89	87	70	64	81	84	------
31	58.14	58.40	59.46	57.56	58.29	60.07	25	24.6	31.7	32.5	27.6	25.3	33.4	24.5	83	85	62	59	74	85	------
Mean	56.47	56.56	57.61	55.56	56.14	57.52	25	24.5	29.7	30.7	27.6	26.3	32.5	24	94.1	95	75.7	71.6	85.4	90.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	328.6

Day.	Wind. Direction.						Wind. Total movement in 6 hours.				Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	SE	ESE	N	NW	NW	28.4	33	77.5	55	193.9	6	A.-Cu.	S.-Cu.	8	Ci.-S.	Cu.
2	S	SE	NW	NW	W	W	35.2	39.6	93.1	48.9	216.8	9	Ci.-S.	S.-Cu.	10	A.-Cu.	S.-Cu. NW
3	S	S	SE	W	S	S	39.2	52	42	32	165.2	9	A.-Cu.	S.-Cu.	10	------	N. SW
4	S	SE	SE	WNW	NW	SW	39.9	39.9	93	56	228.8	10	------	S.-Cu.	10	A.-Cu.	Cu.-N.
5	Calm	N	W	NW	NW	NW	46.5	75.9	97.2	85	304.6	10	Ci.-S.	S.-Cu. NW	10	A.-Cu.	S.-Cu. NW
6	SW	S	E	WSW	Calm	SE	48.6	58.7	58.4	51.5	217.2	10	------	N. NW	10	A.-Cu.	S.-cu. WSW
7	SE	SE	SSE	S	SE	SE	50.7	81	68.7	49.9	250.3	9	A.-Cu.	S.-Cu. SSE	10	------	N.
8	Calm	S	SE	NW	Calm	NE	37.3	54.9	51.5	40.5	184.2	10	------	S.-Cu. S	9	A.-Cu.	S.-Cu.
9	Calm	N	Calm	NNW	Calm	Calm	13.9	31.6	54.9	42.6	143	10	A.-Cu.	S.-Cu.	9	Ci.-S.	S.-Cu.
10	N	Calm	E	NNW	NW	NW	39.6	38.4	85.9	55.8	219.7	1	------	S.-Cu.	3	Ci.-S.	Cu.
11	Calm	E	SE	SE	S	SE	23.3	35.1	49.9	56.5	164.8	10	------	S.-Cu.	9	A.-Cu.	S.-Cu. ESE
12	SSE	SE	SE	N	NE	SE	48	38.6	51.3	33.8	171.7	3	Ci.-S.	S.-Cu.	6	Ci.-S.	S.-Cu.
13	Calm	E	SSE	NNW	NW	W	23	45.1	84.5	54.2	206.8	1	------	S.-Cu.	4	------	S.-Cu.
14	Calm	SE	SE	N	NW	NW	30.6	49.9	75	56.1	211.6	10	------	S.-Cu.	3	Ci.	Cu.
15	E	E	SE	N	NW	Calm	27.7	35.6	80.3	38.3	181.9	1	Ci.	------	4	Ci.	Cu.
16	Calm	W	NW	NW	NW	NNW	22.3	47.3	109.6	115.3	294.5	8	Ci.-S.	S.-Cu.	7	Ci.-S.	S.-Cu. NW
17	NNW	NNW	NW	WNW	W	WSW	158.2	268.7	337.4	348	1,112.3	10	------	S.-cu. NNW	10	------	N. NW
18	WSW	SW	SE	SE	SW	SE	281	96.4	68.7	76.6	522.7	10	------	N. SW	10	------	N. SW
19	SE	SE	SE	SE	SE	Calm	76.1	80.3	75.4	39.4	271.2	8	A.-Cu.	S.-Cu. SE	10	------	N. SW
20	SE	SE	SSE	SW	Calm	Calm	36.8	60.4	43.1	20.9	161.2	8	Ci.	S.-Cu.	7	Ci.	S.-Cu.
21	Calm	SE	Calm	NW	NW	Calm	17.9	31.6	76.6	47.7	173.8	4	Ci.	S.-Cu.	3	Ci.	Cu.
22	NE	Calm	N	NW	NW	NW	22.8	29.8	94.1	117.3	264	10	------	S.-cu. NNW	2	------	Cu.
23	NW	NW	NW	NW	NW	W	106.7	129.5	130.9	110	477.1	9	Ci.-S.	S.-cu. NNW	10	A.-Cu.	S.-cu. NNW
24	NW	NNW	SE	SE	SE	SE	220.7	398.5	269.8	112.9	1,001.9	10	------	N. N by E	10	------	N. SE
25	S	SE	SE	SSE	S	SE	114.8	127.4	105.7	75.8	423.7	9	Ci.	S.-Cu.	9	A.-Cu.	S.-Cu.
26	E	SE	SSE	N	N	N	37.8	58.4	90.7	47.3	234.2	6	Ci.	S.-Cu.	4	Ci.	S.-Cu.
27	SW	SE	SE	S	Calm	S	38.3	82.4	61.5	44.3	226.5	9	Ci.	S.-Cu.	8	A.-Cu.	S.-Cu.
28	S	S	SSW	SE	N	SSE	51.7	39.7	59.3	39.1	189.8	8	Ci.	S.-Cu.	7	Ci.	S.-Cu.
29	S	SE	SE	SE	E	SE	57.3	62.8	73.8	50.1	244	9	Ci.	S.-Cu.	10	A.-Cu.	S.-cu. ESE
30	SE	S	SSE	SE	SSE	S	69.7	108.3	122.6	95.5	396.1	10	Ci.	S.-Cu. SE	8	A.-Cu.	S.-Cu. E
31	SSE	SE	SE	ESE	SE	SSE	77	104.6	109.1	91.5	382.2	10	Ci.-S.	S.-Cu. SE	7	A.-Cu.	S.-Cu.
Mean	------	------	------	------	------	------	62	78.6	93.3	70.6	301.4	8	------	------	7.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,435.7	------	------	------	------	------	------

DAGUPAN.

[ϕ=16° 03′ N ; λ=120° 20′ E ; barometer above sea, 2.7 meters ; gravity correction not applied, —1.67 mm.]

NOVEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.39	59.59	60.21	57.96	58.67	60.28	24.1	24	30.9	33.9	28.3	25.6	34.4	23.5	94	91	63	58	76	88	------
2	59.07	59.46	60.21	58.02	58.17	59.52	24	23	30.9	32.7	28.1	26.5	33.8	22.8	92	94	63	64	77	91	------
3	58.76	59.44	60.11	57.88	57.89	59.21	24.6	23.6	30.3	30.8	28.1	26.2	32.5	23.4	97	96	72	70	80	95	------
4	58.26	58.77	59.22	56.92	56.76	58.50	25	24.5	30.5	31.9	28.2	25.7	33.4	24.3	98	97	72	70	80	84	------
5	57.77	58.15	59.03	56.56	57.43	58.84	23.9	23.7	30 6	31.8	28	26.5	33.8	23	96	93	68	65	85	91	------
6	57.60	58.19	58.71	55.38	56.36	57.44	24.9	23.6	31.3	31.4	28.2	26.1	33.8	23.4	98	98	68	71	88	90	0.3
7	55.60	55.61	56.16	53.66	54.07	54.27	24.8	24.2	25.4	26.1	23.6	23.5	27.1	23.1	93	95	94	94	97	97	16
8	53.18	54.22	56.02	54.09	55.43	56.80	25.5	26.1	29	30.1	24.9	25.4	31.8	23.2	88	87	78	73	97	93	2.6
9	56.41	57.21	58.92	56.45	58.53	60.27	25.1	24.7	30.3	32.8	27.5	25.4	33.6	24.5	94	97	74	65	91	97	------
10	59.02	59.84	60.80	58.78	59.17	60.83	24.1	24.5	28.1	30.7	27	25.6	31.6	24	99	98	84	74	89	98	------
11	59.79	60.28	61.18	58.80	59.87	61.41	24.8	23.8	28.6	32.9	26.7	25.2	33.7	23.6	98	98	83	67	95	94	2
12	60.63	61.10	61.89	58.81	59.27	61.54	23.7	22.6	30.3	31.4	27.5	25.4	32.3	22.4	99	99	70	71	84	88	------
13	60.67	60.78	61.44	59.53	59.42	60.43	23.4	22	30.4	31.4	27.4	25	32.2	21.9	93	99	72	63	85	95	------
14	59.23	58.87	59.08	56.18	56.27	56.72	23.6	23	29.9	29.6	27.4	26	31.4	22.7	98	98	79	77	90	98	.3
15	54.34	54.21	53.91	51.40	51.01	51.73	25.7	26	26.8	27.8	26.6	24.6	28.5	24.2	98	88	83	82	90	97	3
16	51.58	53.33	53.71	51.77	52.85	54.13	25	24.3	30.8	31.7	25.9	25.7	32.7	24	92	98	75	68	94	93	5.8
17	53.55	54.24	54.95	52.74	54.14	55.44	25.5	24.5	30.2	30.8	26.8	24.4	32.8	24.1	90	95	74	71	87	99	.5
18	55.32	55.20	56.25	54.26	55.58	57.02	24.1	24.4	29	29.8	26.6	24.4	31.1	23.3	95	91	81	79	91	97	11.9
19	56.25	56.68	56.84	54.62	55.44	56.79	22.7	22.1	29	30.7	27	24.8	32.4	21.5	99	99	78	70	84	88	------
20	56.24	56.29	57.05	55.18	56.41	57.60	22.9	22.6	29.6	30.8	26.7	25	32.6	22.4	97	99	74	65	92	92	------
21	56.87	57.77	58.79	56.38	57.01	59.08	23.8	23	29	32.4	28	25	32.9	22.7	90	96	80	68	81	95	------
22	58.21	58.79	59.79	57.82	58.22	59.35	24	23.1	29.7	29.3	26.5	25.1	32.4	22.8	98	99	79	81	96	98	.8
23	58.97	59.28	60.07	57.84	58.74	60.07	24.6	24.2	28.5	29.5	26.8	26.5	30.5	23.9	99	98	85	81	89	91	1.3
24	59.03	59.40	60.43	57.87	59.07	60.05	26.1	25.6	29.1	29.2	27.2	24.2	30.2	24	95	93	82	84	93	96	------
25	59.11	59.28	60.63	58.62	58.72	60.13	23.4	22.5	30	29.2	27.5	24	32.3	22.2	98	99	73	78	84	89	------
26	59.14	59.39	60.53	58.31	59.11	60.38	23.4	21.5	30	31.4	26.5	24.5	33	21.4	85	95	70	63	80	85	------
27	59.69	59.96	60.28	58.22	59.23	60.45	23.1	21.5	30	31.5	27.5	24.6	33.6	21	89	94	66	69	87	87	------
28	59.22	59.97	61.28	58.48	58.83	60.20	23.5	23.1	27.5	31.3	27.4	25.4	32.6	22.9	96	95	81	71	85	91	------
29	59.67	60	61.07	59.17	59.78	60.88	24.5	23.2	30	31	25.5	24.2	32.7	23	92	99	75	76	92	94	------
30	60.32	60.20	61.53	59.63	59.92	61.69	23.3	23.1	30.4	31.6	26.8	23.6	33.4	22.7	84	83	69	72	74	90	------
Mean	57.76	58.18	59	56.71	57.38	58.70	24.2	23.6	29.5	30.8	27	25.1	32.3	23.1	94.5	95.4	75.5	72	87.1	92.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	44.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	S	SSE	SE	SE	SE	79.1	101.4	67.6	32.8	280.9	9	Ci.	S.-Cu.	9	A.-Cu.	Cu.
2	SE	E	SE	NNW	N	SW	46.1	49.9	62.3	41.6	199.9	3	Ci.-S.	Cu.	5	Ci.-S.	Cu.
3	Calm	Calm	NW	NNW	N	Calm	23.6	38.3	74.2	32.4	168.5	3	Ci.	S.-Cu.	8	Ci.-S.	S.-Cu.
4	Calm	E	SE	NNW	N	S	25.1	31.9	74	37.2	168.2	6	Ci.	S.-Cu. E	4	Ci.	S.-Cu.
5	SE	SE	SE	N	N	Calm	35.2	37	65.5	37	174.7	8	------	S.-Cu. ENE	6	Ci.	S.-Cu.
6	Calm	Calm	Calm	N	Calm	SE	24.3	28.4	60.7	29.2	142.6	7	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu. E
7	Calm	S	S	Calm	SE	SE	26.6	40.4	40.2	94.6	201.8	10	------	S.-Cu. SE	10	------	N. SE
8	SE	SE	SE	SE	S	SSE	172.7	182.6	148.3	103.6	607.2	10	Ci.-S.	S.-Cu. SE	10	Ci.-S.	S.-Cu. SE
9	S	SE	SE	SE	N	SW	71.1	84.3	82.3	44.8	282.5	10	Ci.	S.-Cu.	6	Ci.-S.	S.-Cu.
10	SE	SE	SE	SE	NE	SE	44.9	69.4	57.3	25.1	196.7	10	------	S.-Cu. SE	9	A.-Cu.	S.-Cu.
11	SE	Calm	SSE	SSE	NE	SE	23	73.2	74	28.4	198.6	9	Ci.	S.-Cu.	9	A.-Cu.	S.-Cu. SSE
12	Calm	SE	Calm	NW	N	S	29.8	36.7	59.5	31.9	157.9	1	Ci.	S.-Cu.	1	Ci.	Cu.
13	Calm	Calm	SE	NW	NNW	SW	23.1	30.3	55.3	35.9	144.6	2	------	S.-Cu.	7	A.-Cu.	S.-Cu.
14	Calm	S	W	N	NW	Calm	24.7	38.9	64.9	19.1	147.6	9	Ci.-S.	S.-Cu. SE	10	A.-Cu.	S.-Cu.
15	Calm	N	NW	NW	Calm	SSE	33.5	69.8	40.5	72.6	216.4	10	A.-Cu.	S.-Cu. Ebys	10	A.-Cu.	S.-Cu. E
16	SE	SE	SE	SE	SE	SE	68.2	118.6	123.4	91.1	401.3	10	------	N. SE	9	A.-Cu.	S.-Cu. SE
17	SE	SSE	SE	SE	SE	SE	102.7	114.3	117	133.1	467.1	6	Ci.	S.-Cu.	9	A.-Cu.	S.-Cu. S
18	SE	SE	SE	SE	SE	SE	98.7	121	79.7	50.2	349.6	10	------	S.-Cu. S	10	A.-Cu.	S.-Cu. S
19	SSE	S	SE	SE	SE	SE	44.3	93	89.5	74.3	301.1	10	------	S.-Cu.	9	A.-Cu.	S.-Cu. SE
20	SE	S	SE	SE	Calm	SE	45.6	98	75.3	51	269.9	6	Ci.	S.-Cu. S	8	A.-Cu.	S.-Cu. SE
21	SE	SE	SE	SE	SE	Calm	72.7	71.4	95.8	43	282.9	2	------	S.-Cu.	6	A.-Cu.	S.-Cu. SE
22	SE	S	SE	W	Calm	S	39.4	70.8	43.7	23.5	177.4	9	Ci.	S.-Cu. SE	10	------	N. W
23	Calm	Calm	NW	NNW	NW	NW	19.6	42.3	113.5	109.4	284.8	8	Ci.-S.	S.-Cu.	6	Ci.	Cu.
24	N	N	NNW	NW	NW	Calm	93.5	78.7	103.8	44.1	320.1	5	Ci.	S.-Cu.	7	Ci.	S.-Cu. NW
25	S	S	SE	N	N	S	26.6	44.9	67.8	55.8	195.1	1	Ci.	S.-Cu.	6	Ci.-S.	S.-Cu.
26	SE	Calm	Calm	SSE	S	S	35.9	35.9	61.2	51.3	184.3	1	------	S.-Cu.	9	A.-Cu.	S.-Cu. S
27	S	S	SE	NW	Calm	S	28.5	49.6	53.7	34.1	165.9	2	------	S.-Cu.	7	A.-Cu.	S.-Cu.
28	Calm	Calm	SSE	SSE	S	S	18.2	52.8	60	51.3	182.3	9	------	S.-Cu. NE	9	A.-Cu.	S.-Cu.
29	Calm	Calm	SE	NNW	S	S	29.3	35.7	72.4	72.9	210.3	9	------	S.-Cu.	8	A.-Cu.	S.-Cu. E
30	Calm	SSE	S	N	NE	SSE	44.6	80.5	70.2	61	256.3	1	------	S.-Cu.	2	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	48.4	67.3	75.1	53.7	244.6	6.5	------	------	7.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,336.5	----	------	------	----	------	------

DAGUPAN.

[ϕ=16° 03′ N ; λ=120° 20′ E ; barometer above sea, 2.7 meters ; gravity correction not applied, —1.67 mm.]

DECEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.18	60.48	61.13	59.24	59.79	61.29	22.9	22.5	30.3	30.2	27.3	23.7	32.6	22.3	91	91	66	75	86	94	-----
2	59.80	60.56	61.35	58.33	58.61	56.47	23.1	21.5	29.8	31.5	26.9	25.3	32.7	21.4	95	98	75	66	89	98	-----
3	58.75	58.96	59.60	57.20	57.79	58.74	22.9	22.6	27.2	29.6	26.9	24.2	31.6	22.3	97	99	80	71	84	95	-----
4	57.18	57.26	57.86	55.42	56.23	57.60	22.8	21.2	29.9	29.7	26.7	23.8	31.4	21	94	95	68	78	84	90	-----
5	56.86	57.32	58.24	56.06	56.88	58.54	22.6	22	28.6	31.7	25.6	21.6	32.4	21.2	89	88	74	65	76	91	-----
6	58.04	58.66	59.30	57.04	57.17	58.40	21.1	20.9	28.4	29.1	25.4	22.1	31.1	20.4	92	87	70	73	85	94	-----
7	58.11	59.17	59.56	57.34	57.62	58.74	21.4	19.6	29	28.6	26	23	30.6	19.4	92	97	71	77	86	95	-----
8	58.13	57.66	58.89	56.64	56.78	57.84	21.5	20	28	29.5	26	24.6	29.9	19.8	90	95	77	77	85	91	-----
9	57.63	57.70	58.75	56.43	56.78	58.04	20.9	20.5	27.1	28	26.2	25.1	29.1	20.2	99	98	84	82	91	98	-----
10	57.07	57	58.43	55.46	56.43	57.74	23.1	22.2	29.2	30.5	25.5	25	31.9	22	98	99	81	76	94	93	1.1
11	56.94	57.19	58.27	55.68	57.35	58.92	24	23.5	27.7	30.6	26.3	24	31.5	23.1	95	97	84	78	96	97	2.8
12	57.76	57.48	58.95	56.69	57.34	58.92	23.2	21.8	27.8	28.7	25	24.1	30.1	21.6	99	98	82	87	96	99	2.6
13	58.09	58.56	60.09	57.85	58.44	59.86	23.6	23	26.1	30.2	26.4	24.2	30.8	22.7	98	99	89	75	90	98	-----
14	58.56	59.14	59.60	56.93	58.22	59.88	23.5	22.6	29	29.8	26.9	24.6	32.1	22.3	97	96	69	75	89	87	-----
15	59.65	60.40	61.35	59.26	59.82	61.40	23.6	22.2	26.7	29.8	26.1	24	30.6	22	89	98	87	74	89	97	-----
16	60.64	60.60	61.70	59.11	59.13	60.58	22.3	21.4	29.1	29.6	26.6	24.3	30.8	21.2	99	98	76	79	90	97	-----
17	59.61	60.23	61.43	58.92	60.15	61.24	23.5	22.4	29.3	31.4	24.7	23.2	32	22.1	99	97	77	68	97	98	2.8
18	60.31	60.28	61.28	58.93	59.79	61.03	22.5	22.4	29.4	27.9	25.6	23.4	30.6	22.3	98	96	76	82	94	90	-----
19	59.88	60.32	61.50	58.75	59.44	60.24	22.3	21.6	27.4	29.5	25.5	22	29.9	21.3	90	93	67	68	84	91	-----
20	59.94	60.32	60.85	58.25	58.21	59.39	19.6	18.8	25	27.5	25.1	23	28.8	18.4	92	98	80	66	80	88	-----
21	58.28	58.61	59.79	57.13	57.84	58.90	21.5	21.4	28	29.1	26.4	23.6	31.4	21	95	95	68	66	79	81	-----
22	58.22	58.40	59.62	57.60	58.32	59.43	21.1	19.9	29.4	29.5	26.2	23.7	31.6	19.1	86	87	53	58	75	81	-----
23	58.93	59.40	60.48	58.63	59.02	60.22	22.6	21.6	28.6	30.1	26.7	24.4	32.4	21.5	87	90	66	65	79	83	-----
24	59.48	60.10	61.76	60.62	61.01	61.35	23.7	23.4	25.4	26	23.2	22.5	27.4	21.5	78	73	70	74	90	92	1.6
25	61.24	61.66	62.96	60.79	61.58	62.66	21	20.4	25.5	28.2	25.4	23.2	31.6	20	94	91	74	63	79	74	-----
26	61.95	62.26	62.92	61.13	62.02	63.21	21.8	21.3	28.5	29.5	25.6	22.1	30.9	21	80	78	54	66	71	76	-----
27	62.64	63.22	64.38	62.42	63.32	64.85	21.1	20.4	27.7	31.4	26.5	21.6	31.8	20	77	80	60	43	71	79	-----
28	64.31	63.94	64.86	62.12	62.42	63.33	19.9	18.7	28.6	30.5	26.1	24.5	33.1	18.4	85	89	62	55	74	77	-----
29	62.19	62.31	63.29	61.02	61.14	61.60	22.6	21.8	29.1	27.4	25.8	23.5	31.8	21.5	89	90	71	71	75	81	-----
30	60.60	60.96	61.35	58.58	59.24	60.60	22.5	22.5	29.8	29.8	27	24	30.7	21.1	87	86	66	69	84	91	-----
31	59.84	60.08	60.30	57.52	58.26	59.63	23.1	21.9	29.9	33.5	27.6	24.5	34.6	21.6	97	96	72	60	84	88	-----
Mean	59.38	59.68	60.64	58.29	58.91	60.12	22.3	21.5	28.2	29.6	26	23.6	31.2	21.1	91.9	92.6	72.5	70.4	84.7	89.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	10.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	SE	N	N	Calm	68.4	55.5	84.3	34.6	242.8	1	------------	S.-Cu.	6	------------	S.-Cu. E
2	SE	SE	SE	NW	NNW	SW	36.4	44.9	58.9	42.6	182.8	1	Ci.	S.-Cu.	5	Ci.-S.	Cu.
3	Calm	SE	SE	NW	NW	S	24.4	37.6	64.7	40.2	166.9	7	Ci.	S.-Cu.	8	A.-Cu.	S.-Cu. WNW
4	S	S	E	NNW	N	S	49.6	48	86.7	64.4	248.7	4	Ci.	S.-Cu.	3	Ci.	S.-Cu.
5	S	SE	SE	SE	SE	S	63.3	64.7	68.1	104	300.1	7	Ci.	S.-Cu. N	4	Ci.	S.-Cu.
6	S	S	SE	NNW	N	S	86.7	44.5	60.9	41	233.1	5	Ci.	S.-Cu.	9	Ci.	Cu.
7	S	Calm	SE	NNW	N	S	35.9	38.8	79.4	40.8	194.9	6	Ci.-S.	S.-Cu.	9	Ci.	Cu.
8	S	SE	Calm	NW	NNW	Calm	69.2	41.5	71.3	49.6	231.6	1	------------	S.-Cu.	8	Ci.-S.	Cu.
9	SE	SE	W	NNW	NW	Calm	33	27.2	64.2	30	154.4	2	Ci.	S.-Cu.	9	------------	S.-Cu.
10	E	E	SW	Calm	SW	SE	19	48	40.2	29.8	137	3	------------	S.-Cu.	10	------------	S.-Cu. S
11	SE	S	SSE	S	Calm	NE	44.6	88.2	63.4	30	226.2	10	------------	S.-Cu. S	10	Ci.-S.	S.-Cu. SE
12	SE	SE	Calm	NW	E	SE	46.5	43.8	72.2	39.1	201.6	5	------------	S.-Cu.	10	A.-Cu.	S.-Cu. NW
13	E	Calm	SE	N	N	Calm	40.8	44	49.9	30.3	165	10	------------	S.-Cu. E	9	A.-Cu.	S.-Cu. E
14	SE	SE	Calm	NNW	N	S	39.7	37.8	56.3	53.3	187.1	9	------------	S.-Cu. E	6	A.-Cu.	S.-Cu. SE
15	SSE	Calm	SE	NNW	N	SW	45.6	47.7	69.8	28	191.1	10	------------	S.-Cu. SE	9	A.-Cu.	S.-Cu. SE
16	SE	SE	SE	NNW	NW	SW	23.9	34.8	70	25.7	154.4	1	------------	S.-Cu.	3	Ci.	Cu.
17	Calm	Calm	SW	N	S	SE	19.6	34	58.4	43.7	155.7	6	Ci.	S.-Cu. E	9	A.-Cu.	S.-Cu. N
18	SE	SE	SE	NNW	SW	S	44.8	36.5	61.2	59.5	202	10	------------	S.-Cu.	10	------------	S.-Cu. ENE
19	S	S	SSE	SE	Calm	SW	53.3	59.7	35.1	31.9	180	10	------------	S.-Cu. N	9	Ci.-S.	S.-Cu.
20	S	NE	S	NW	Calm	S	42.3	32.5	55.3	25.4	155.5	8	------------	S.-Cu.	10	Ci.-Cu.	S.-Cu.
21	NE	Calm	SSW	NNW	N	S	22.8	24.9	52.8	46.7	147.2	10	------------	S.-Cu.	9	Ci.-S.	S.-Cu. S
22	SE	S	SSE	N	N	S	43.7	49.7	66	24.9	184.3	2	Ci.	S.-Cu.	9	A.-Cu.	S.-Cu. S
23	Calm	SE	S	N	Calm	S	23.1	38.9	55.5	42.4	159.9	10	------------	S.-Cu.	9	A.-Cu.	S.-Cu.
24	SSE	SSE	S	Calm	Calm	NE	60	68.7	25.9	29.6	184.2	10	------------	S.-Cu.	10	------------	S.-Cu.
25	SE	SE	SE	NNW	Calm	SE	29.2	29.6	60.7	48.5	168	9	------------	S.-Cu.	9	Ci.-S.	S.-Cu.
26	S	SE	SE	N	ESE	S	57.7	106.7	72.9	100.8	338.1	1	------------	S.-Cu.	1	Ci.	Cu.
27	S	S	S	ESE	SE	S	75.8	103.5	80	73.2	332.5	1	Ci.	S.-Cu.	1	Ci.	Cu.
28	S	SE	SSE	SE	S	SE	43.3	76.6	89	51.3	260.2	1	------------	S.-Cu.	6	A.-Cu.	S.-Cu.
29	SE	SE	SE	SSE	S	S	37.2	70	121.8	113	342	7	------------	S.-Cu.	9	A.-Cu.	S.-Cu.
30	E	SE	E	NNW	NW	Calm	51	67.4	74.3	21.5	214.2	2	------------	S.-Cu.	6	------------	S.-Cu. SE
31	W	Calm	SSE	SE	N	S	24.7	63.3	70.3	36.4	194.7	8	------------	S.-Cu.	6	------------	S.-Cu. SE
Mean	------	------	------	------	------	------	43.7	51.9	65.8	46.2	207.6	5.7	------------	------------	7.5	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	6,436.2	----	------------	------------		------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 8.5 meters; gravity correction not applied, —1.65 mm.]

JANUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.34	59.08	60.04	57.31	57.39	58.83	21.9	22	27.8	30.2	27	24.5	30.5	21.5	92	91	79	72	78	83	------
2	58.02	58.42	59.89	57.23	57.02	58.55	23.5	23.4	26.1	29	27.1	24.4	29.2	23.2	85	86	79	71	77	87	------
3	57.81	58.03	59.20	57.83	57.49	58.81	24.4	24.3	27.1	29.1	27.4	24.9	29.3	24.2	88	89	78	76	84	88	------
4	58.05	58.01	59.32	57.01	57.55	58.55	24.2	24	28.4	30.8	28.5	25.6	31	23.6	91	91	82	74	78	88	------
5	58.02	58.02	59.04	57.03	57.10	58.31	22.6	20.6	27.2	30	27.8	26.5	30.4	20.3	91	94	80	77	83	87	------
6	57.92	57.70	59.08	57.31	57.23	58.12	24	23.4	28.7	31.6	29	24.9	31.9	23.2	91	96	83	71	78	88	------
7	57.30	57.89	59.14	57.39	58.05	59.13	22.7	21.5	28.4	30.6	29	27.1	30.9	21.2	91	92	82	71	78	87	------
8	59.04	59.07	60.03	58.09	58.11	60.08	26.4	23.9	28.1	31	29.2	26	31.2	23.4	89	90	78	72	76	88	------
9	59.89	60.04	61.16	59.33	59.34	60.74	23.9	21.8	28.1	30	28.5	24	30.4	21.7	91	95	81	73	79	91	------
10	60.09	60.02	61.23	59.37	59.50	60.23	23.2	20.7	27.6	29.9	28.1	26.5	30.2	20.3	89	94	77	72	79	84	------
11	59.72	60.03	61.88	59.56	59.77	60.72	23	22.1	28.2	29.8	27.6	26.6	30.2	21.8	91	93	82	73	79	84	------
12	59.41	59.34	60.83	58.29	58.48	59.15	25.6	24.5	28	29.6	27.3	26	29.9	24.1	87	89	80	74	83	84	------
13	58.34	58.54	60.13	58.08	58.25	59.50	25.4	25	27	29.8	26.9	25.4	30.2	24.9	88	90	77	74	78	80	------
14	58.97	59.66	61.09	59.11	59.56	60.74	24.5	23.5	27.6	29.5	27	26	29.9	23.2	84	88	81	72	78	82	2
15	60.20	60.44	62.07	60.03	60.45	62.03	22.6	20.6	26.4	29.2	27.2	24.5	29.9	20.2	90	90	76	67	78	84	------
16	61.03	60.82	62.09	59.64	59.79	60.65	23	22.5	26.6	29.5	27	21.9	29.8	21.7	84	90	74	68	78	88	------
17	59.74	59.88	61.06	59.23	59.24	60.54	20.6	19.4	25.7	29.2	26.6	21.5	29.4	19	88	87	76	70	75	87	------
18	59.73	59.29	61.24	59.13	59.82	61.03	21.2	20.5	27	28.9	26.8	24.6	29	20.2	87	89	76	67	82	87	------
19	60.10	59.79	61.37	59.41	60.09	61.55	23.4	22.8	28.5	30	28	25	30.4	22.4	90	93	81	74	82	84	------
20	61	61.04	62.82	60.53	60.28	61.40	23.2	22	27.8	29.9	27.8	26.4	30.2	21.8	85	90	79	72	80	88	------
21	61.04	60.89	62.14	60.03	59.54	61	25.6	24.9	27.9	30.1	27.7	26.6	30.4	24.6	91	92	84	74	86	89	------
22	60.49	60.09	62.02	60.02	59.54	60.52	25.5	24.4	28.8	30.3	28.2	26.8	30.6	24.2	92	93	79	73	82	87	------
23	60.09	60	61.03	59.08	59.46	61.07	25.1	23.5	28.1	30.3	28.4	26.5	30.7	23.3	91	91	79	72	79	87	------
24	60.25	59.62	60.92	58.83	58.79	60.09	24.7	22.8	28.5	30.8	28.3	27.1	31.2	22.4	87	88	73	68	77	80	16.3
25	60.08	60.31	61.53	59.32	59.26	60.33	25.5	23.8	27.4	28.7	27.4	26.3	29.2	23.5	87	97	82	77	84	90	4.8
26	60	59.91	61.15	59.06	59.25	60.10	25.5	24.7	25.5	28.5	26.6	25.6	28.7	24.4	92	95	95	85	90	91	2.3
27	59.37	59.23	60.20	58.43	58.44	59.62	24.2	22.9	27.5	29.5	28.1	26.1	29.9	22.6	93	95	81	75	80	90	------
28	59.02	59.04	60.18	58.17	58.37	59.54	25.6	24.6	26.7	28.8	26.4	25.2	29.2	24.5	89	92	82	76	82	85	------
29	58.81	58.41	60.05	58	58.02	58.91	25.1	24.2	26.8	28.5	26.4	24.6	29	24.1	84	85	80	72	82	91	------
30	58.38	58.38	60.07	58.07	57.97	59.36	22.7	21	26.4	28.8	26	24.1	29.1	20.6	89	91	75	65	80	86	------
31	59.03	58.77	60.64	59.17	58.77	59.85	22.3	20.5	26.7	28.5	26.5	24.5	28.9	20.1	88	91	75	70	80	88	.2
Mean	59.36	59.35	60.73	58.68	58.77	59.97	23.9	22.8	27.4	29.7	27.5	25.3	30	22.5	88.9	91.2	79.5	72.5	80.2	86.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	25.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	1	SE	1	E	2	ESE	4	SE	2	SE	4	9	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
2	SE	5	SE	2	SE	4	E	4	NE	1	ESE	1	10	------	Cu.-N.	8	A.-Cu. S	S.-Cu.
3	ESE	1	ESE	1	ESE	1	NE	2	NE	1	ESE	1	9	A.-Cu.	S.-Cu.	10	------	S.-Cu.
4	SE	1	SE	1	ESE	2	ESE	1	N	2	SE	1	10	------	S.-Cu. S	8	Ci.-S.	Cu.
5	SE	1	SE	1	ESE	4	NE	3	N	2	NNW	3	7	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu.
6	ESE	1	ESE	1	E	2	E	2	NNW	2	ESE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
7	SE	1	SE	1	SE	2	E	4	N	2	N	2	4	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
8	NNE	1	ESE	1	ESE	4	E	4	Calm	----	N	2	4	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
9	ESE	1	ESE	1	ESE	4	N	4	NNE	2	SE	1	3	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
10	SE	2	SE	1	ESE	4	NE	3	NNE	4	NNE	2	1	Ci.	------	4	Ci.	Cu.
11	SE	2	SE	2	ESE	1	NNE	2	N	2	N	2	1	Ci.	------	2	------	Cu.
12	NNE	3	NNE	2	N	2	N	4	N	4	N	5	5	------	Cu. NE	8	------	Cu. N
13	NNE	5	NNE	5	NNE	5	N	4	N	4	N	6	4	------	Cu.	9	------	Cu.-N. N
14	N	4	NNE	2	NNE	2	NNW	2	N	2	N	3	3	------	Cu.	6	------	Cu. E
15	SE	1	SE	1	SE	3	E	2	NNE	2	NNE	1	6	A.-Cu.	S.-Cu.	8	A.-Cu.	Cu.
16	SE	4	SE	4	SE	4	E	2	NNE	1	SE	1	10	------	S.-Cu.	3	Ci.-S.	Cu.
17	SE	1	SE	1	E	3	NNE	2	NE	4	SE	1	10	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
18	SE	1	SE	1	E	1	NNE	2	N	2	SE	1	1	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu. E
19	SE	1	SE	1	E	2	N	2	NNW	2	SE	1	7	Ci.-S.	Cu. SE	7	Ci.-S. SSE	Cu.
20	SE	1	SE	1	ESE	2	NNE	4	NNE	4	NE	4	2	Ci.	S.-Cu.	9	Ci.	Cu.
21	SE	1	Calm	----	N	2	nwbyn	3	N	4	NNE	5	8	Ci.-S.	Cu. NNE	5	Ci.	Cu. N
22	SE	1	SE	1	E	2	N	2	N	6	NNE	4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
23	SE	1	SE	1	E	3	NE	4	NNW	2	SE	2	10	A.-Cu.	S.-Cu.	4	Ci.-S.	Cu.
24	SE	2	SE	4	SE	5	E	4	ENE	2	NNE	5	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
25	NE	2	Calm	----	NE	4	NNW	4	NE	5	NE	4	10	------	Cu.-N.	8	------	Cu. N
26	NE	4	NE	4	Calm	----	NNW	2	NW	3	N	3	10	------	N.	10	------	Cu.-N.
27	SE	1	Calm	----	ESE	2	NW	2	NW	2	NNE	1	10	Ci.-S.	S.-Cu. SE	3	------	Cu.
28	NE	1	N	2	NNE	3	N	4	N	5	N	6	8	------	Cu. N	8	------	Cu.-N. N
29	N	6	N	5	NNE	4	N	4	N	4	N	4	7	------	Cu. NNE	7	------	Cu. N
30	SE	1	SE	1	ESE	4	E	3	NNE	4	SE	1	3	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
31	SE	1	SE	1	ESE	2	N	2	NE	2	SE	1	4	Ci.	S.-Cu.	9	Ci.	Cu.
Mean	------	1.9	------	1.6	------	2.7	------	2.9	------	2.7	------	2.5	6.5	------	------	6.5	------	------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 8.5 meters; gravity correction not applied, −1.65 mm.]

FEBRUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.50	59.22	60.88	58.50	58.70	60.18	23.4	22.5	27.2	29.3	27.8	24.5	29.8	22.2	91	94	73	70	75	85	------
2	59.34	59.33	61.24	59.23	59.16	59.70	21.8	20.5	26.5	29.3	26.9	24	29.8	20.3	86	92	76	69	80	87	------
3	59.19	59.71	60.60	58.86	59.15	60.19	22.7	21.2	26.8	28.9	27.2	26.1	29.3	21.1	88	89	78	71	80	83	------
4	59.66	60.01	61.20	59.55	59.66	60.65	25.6	25.2	27.4	29.3	27.3	26	29.8	25	85	87	82	73	82	92	------
5	60.33	60.59?	62.14?	60.92	61.28?	62.20?	20.9	20.6	26.8	29.4	27.1	24.6	29.8	20.5	94	96	83	70	82	88	------
6	61.91	61.56?	63.17	61.38	62.03	62.68	24.2	23.8	27.5	29.3	27.4	25	29.7	23.5	88	90	84	76	84	92	------
7	62.31	62.36	63.38	61.09	61.35	62.38	23.9	23	26	29.5	26.9	24	29.9	22.7	90	88	81	70	79	80	------
8	62.31	62.71	63.19	60.34	61.39	62.31	23.4	22.8	27.5	30.2	27.4	23.6	30.6	22.4	83	84	70	66	76	89	------
9	62.05	62.60	63.25	61.19	61.93	62.34	22.5	21.3	26.9	28.4	26.7	26	29	21	91	93	75	70	78	87	------
10	61.98	62.24	63.15	61.06	61.18	62.09	24.6	23.2	27.8	29.5	27	24	30	23.2	91	95	78	71	81	91	------
11	61.34	62.22?	63.33	60.98	61.03	62.35	22.9	21.5	27.5	28.9	27.1	26.1	29.2	21.4	92	95	78	74	80	82	------
12	61.30	62.18	63.20	61.19	61.35	62.22	25.7	25.1	27.7	29.5	27	26.1	30	25.1	85	88	79	70	83	85	------
13	61.49?	61.45?	63.12	60.72	60.93	62.18	24	21.5	27.5	29.4	27	24.9	29.9	21.2	89	91	74	68	78	83	------
14	61.21	61.31	62.73	59.88	60.15	60.84	24	23	27	29.5	27.3	25.6	29.9	22.8	86	83	74	68	78	87	------
15	60.05	60.29	62.02	59.76	59.89	61.47	24.9	24	27.6	29.1	27.2	25	29.6	23.9	87	88	79	76	83	90	------
16	60.66	60.70	62.06	60.16	60.20	61.49	23.8	22.5	28	30.2	27.3	26.4	30.6	22.3	86	96	77	70	84	89	------
17	60.70	60.27	61.24	58.96	58.65	60.40	25.8	25	28.3	30.2	28	25.3	30.6	24.9	92	96	79	71	82	93	------
18	59.70	60.07	60.64	58.78	58.30	59.99	24.7	24	28.4	30.7	28.5	26.5	31.1	24	92	93	79	70	80	90	------
19	59.19	59.23	60.19	58.27	58.89	60.33?	24.5	22.5	29	30.5	28	26.4	30.8	22.4	92	96	81	76	85	93	------
20	59.33?	59.15?	60.58	58.98	59.40	60.18	24.6	24.1	28.1	29.5	27.5	27.1	29.8	24.1	96	99	84	75	84	90	3.8
21	59.26	59.34	59.78	57.57	58.52	59.65	26.2	25.5	29.5	31	28.2	25.6	31.5	25.4	91	92	80	75	82	87	------
22	59.15	59.23	60.28	58.58	58.79	60.08	24.9	24	29.1	30.4	28.9	27.4	31	24	88	91	75	70	78	86	------
23	58.37	59.39	60.91	58.79	59.17	59.68	26.3	24.8	29.3	30.5	28	27	30.9	24.5	90	92	75	72	85	88	------
24	58.64	58.60	59.74	57.98	58.20	59.57	25.6	24.1	28.9	30	28.5	26.4	30.4	23.8	89	91	76	74	81	89	------
25	59.16	59.61	60.37	58.48	58.98	60.08	24.7	22.9	28.9	29.7	28.5	26.5	30.1	22.4	91	93	73	70	80	89	------
26	59.17	59.57	61.53	59.64	59.43	60.37	25.1	23.9	29.4	30.4	28.4	27	30.9	23.6	91	92	74	71	80	89	------
27	59.98	59.96	61.53	59.23	59.15	60.04	24.4	21.7	28	30.5	28.2	27.2	30.9	21.4	88	89	74	65	74	86	------
28	59.17	59.81	61.32	58.98	59.12	60.25	24.8	22.5	28.6	30.6	28	27.2	31	22	89	91	73	65	77	80	------
Mean	60.27	60.45	61.67	59.61	59.86	60.92	24.3	23.1	27.9	29.8	27.6	25.8	30.2	22.9	89.3	91.6	77.3	70.9	80.4	87.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	3.8

Day.	Wind. 2 a. m. Direction.	Force.	6 a. m. Direction.	Force.	10 a. m. Direction.	Force.	2 p. m. Direction.	Force.	6 p. m. Direction.	Force.	10 p. m. Direction.	Force.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	1	SE	4	ESE	3	E	2	NNE	4	SE	1	9	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
2	SE	2	SE	1	ESE	2	NNE	3	NNE	2	SE	1	3	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
3	SE	1	Calm	----	NNE	3	NE	4	NNE	5	NNE	6	10	------------	S.-Cu.	9	Ci.-S.	Cu.
4	NNE	5	NNE	5	NE	4	NNE	2	NNE	4	NNE	1	9	------------	Cu.-N. NE	4	Ci.-S.	Cu.
5	SE	1	SE	1	E	2	NW	2	NNE	3	SE	4	3	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu.
6	SE	3	SE	1	E	1	NNE	2	NNE	2	SE	1	10	------------	S.-Cu.	10	A.-Cu. SSE	S.-Cu.
7	SE	2	SE	2	ESE	3	N	4	NNE	3	SE	1	10	A.-Cu.	S.-Cu. SE	9	Ci.	Cu.
8	SE	1	SE	3	ESE	3	ESE	5	SW	1	SE	1	4	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.
9	SE	1	ESE	1	E	4	N	2	NNE	2	N	3	8	Ci.-S.	S.-Cu.	8	Ci.-S. SW	Cu.
10	NNE	2	Calm	----	E	2	NNW	2	WNW	2	Calm	----	6	Ci.-S.	Cu. N	2	------------	Cu.
11	SE	1	S	1	ESE	2	NNW	2	NNE	6	NNE	7	10	Ci.-S.	Cu.-N.	1	Ci.-S.	Cu.
12	NNE	4	NNE	2	NNE	1	NNE	4	NNE	5	NNE	1	9	A.-Cu.	Cu. NE	6	------------	Cu. NE
13	SE	1	SE	1	E	2	N	2	NE	2	SE	1	4	A.-Cu.	S.-Cu.	2	------------	Cu.
14	SE	2	SE	1	SE	4	E	3	NNE	2	SE	1	10	------------	S.-Cu.	8	A.-Cu. wbys	S.-Cu.
15	SE	2	Calm	----	ESE	2	NNE	2	ESE	1	SE	1	10	------------	Cu. ESE	10	------------	Cu.-N
16	SE	1	SE	1	ESE	4	NNE	4	NNE	5	NNE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
17	NNE	4	Calm	----	ESE	4	NE	4	NE	2	SE	1	9	A.-Cu. NE	S.-Cu.	4	Ci.-S.	Cu.
18	SE	1	SE	1	ESE	5	E	2	NNE	4	Calm	----	10	------------	N.-cf.	10	------------	Cu.-N.
19	SE	1	SE	1	ESE	4	NNE	2	NNE	3	SE	1	5	Ci.	S.-Cu.	10	A.-Cu.	Cu.
20	SE	1	SE	1	ESE	2	NNE	2	NNE	2	NNE	4	9	Ci.-S.	S.	10	Ci.-S. SW	Cu.
21	NE	2	ENE	1	E	3	E	3	NW	2	SE	1	9	Ci.-S.	Cu.	8	Ci.	Cu.
22	SE	1	SE	1	ESE	2	WNW	2	N	2	N	2	9	Ci.-S.	S.	10	Ci.-S.	Cu.
23	N	1	SE	1	E	3	NNE	2	NW	2	N	2	3	Ci.-S.	S.-Cu.	5	Ci.	Cu.
24	SE	1	SE	1	E	4	NW	2	NW	2	SE	1	4	Ci.-S.	S.	8	Ci.	Cu. SSE
25	SE	1	SSE	1	ESE	4	NNE	4	NNE	4	NNE	1	5	Ci.-S.	Cu.	2	Ci.-S.	Cu.
26	SE	1	SE	1	SE	2	NW	2	NNE	1	NE	1	2	Ci.-S.	S.	2	------------	Cu.
27	SE	1	SE	2	ESE	4	NE	2	NNE	3	NNE	2	3	Ci.-S.	Fr.-S.	4	Ci.-S.	Cu.
28	SE	1	Calm	----	SE	3	NE	2	NNW	2	N	4	4	Ci.-S.	S.	7	Ci.	Cu.
Mean	------	1.6	------	1.2	------	2.9	------	2.6	------	2.8	------	1.9	7	------------	------------	6.8	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 8.5 meters; gravity correction not applied, —1.65 mm.]

MARCH, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.50	59.36	60.67	58.65	58.59	59.61	25.1	26.3	28.6	30.5	27.8	26.6	30.9	26	92	90	79	71	83	87	------
2	58.69	59.71	61.54	58.93	58.98	60.27	25.4	23.2	28.8	30.4	28	27.1	31	22.9	92	98	73	69	82	84	------
3	59.19	59.51	60.14	58.49	58.57	60.05	24.1	23.4	28.7	30.4	28	24.9	30.8	23.1	87	90	72	72	80	90	------
4	59.99	59.90	60.82	58.89	58.48	60.19	24.7	24.5	28.4	30.5	27.8	26.7	31	24.1	91	92	77	69	82	89	------
5	59.80	60.06	60.59	58.57	58.86	60.32	25	23.9	28.9	31.5	28.9	25.6	31.9	23.5	92	97	74	68	82	88	------
6	59.85	60.75	62.13	59.43	58.84	60.10	24.3	21.5	28.5	30.3	28.3	25.6	30.7	21.2	90	91	72	64	72	87	------
7	59.68	59.92	61.42	58.05	58.60	59.85	24.6	26.1	28.6	30.2	28.4	26.9	30.6	25.8	92	89	79	71	79	86	------
8	58.59	59.17	60.11	58.01	57.22	58.92	24.6	23	28.8	30.5	28.1	25.4	30.9	22.8	90	91	82	75	84	88	------
9	57.75	58.72	60.17	57.94	57.60	58.88	24	22.4	28.4	30.4	28.5	24	30.9	22.2	89	90	79	74	80	91	------
10	58.55	58.91	60.08	57.92	57.49	59.17	22.3	21.5	28	30.2	28.3	24.3	30.5	21.5	93	95	80	71	79	90	------
11	58.21	58.91	59.88	57.33	57.10	58.76	23.8	23.4	28.8	30.3	28.4	24.5	30.8	23.1	91	93	76	71	77	90	------
12	58.28	58.51	59.78	57.59	57.12	58.54	22.2	22.6	28.6	29.9	28.4	25.4	30.3	22.1	92	89	75	72	80	88	------
13	58.46	58.49	60	57.76	57.99	60.17	23.4	23.7	30.3	31.4	28.9	27.5	32	23.2	89	94	73	70	82	89	------
14	59.81	60.46	61.54	59.43	59.49	61.15	24.6	21	28.5	30	28	24.8	30.4	20.7	91	92	75	71	77	88	------
15	60.25	61	62.21	59.77	59.69	60.72	23.6	22	29	30.5	28.5	26.9	30.9	21.8	90	92	74	71	75	80	------
16	59.59	60.17	61.55	58.86	58.49	59.98	25.4	25.1	30.4	30	28.2	27.3	30.4	24.8	84	81	71	71	81	86	------
17	59.23	59.52	60.63	58.76	58.40	59.55	24.2	23.3	28.7	30	28.8	27.5	30.5	23.2	93	97	83	77	81	88	------
18	58.81	58.95	60.46	58.36	58.51	60.37	24.3	23	29.6	30.6	29	26.2	31	22.8	92	96	77	73	78	90	1
19	59.38	59.85	61.14	59.28	59.13	60.76	25.8	23	28.8	30.1	28.6	27.5	30.6	22.7	90	91	78	75	85	89	------
20	60.18	60.20	61.19	59.14	58.87	60.28	23.5	21.1	28.9	30	28.4	25.9	30.3	20.8	90	95	75	71	79	88	------
21	59.31	59.20	60.34	58.26	57.65	58.51	23.2	22.1	28.6	29.7	28.8	26	30.2	21.8	93	96	82	77	81	92	------
22	58.66	58.72	60.28	58.38	57.94	58.46	24.2	21.6	28.7	30.1	29.1	25.7	30.6	21.1	93	95	82	77	81	90	------
23	57.82	58.10	59.14	56.78	57.81	58.53	24.1	22.8	28.6	30.2	28.4	27	30.7	22.7	91	91	78	73	82	87	------
24	56.74	58.06	59.82	57.63	58.09	59.58	27	26.6	29.5	30.4	28.6	26.4	31	26.3	84	90	79	77	83	89	------
25	58.78	59.57	60.98	59.37	59.50	61.43	26.3	25.6	28.8	30.5	28.5	27.5	31	25.5	93	88	80	76	85	90	4.1
26	61.20	61.53	62.59	60.58	59.92	61.37	25.5	23.5	29	29.6	27.8	27.1	30.1	23.2	91	91	79	77	84	86	------
27	60.73	61.20	62.15	60.47	60.33	62.14	24.6	22.5	30	30.5	28.6	26.1	31	22.4	88	93	74	72	80	86	------
28	61.49	61.74	62.47	60.41	60.09	61.50	25.2	24.4	30.1	30	28	27.4	30.6	24.1	87	88	71	70	79	81	------
29	60.44	61.10	62.27	60.07	59.77	61.24	25.9	24	30	31	29	27	31.5	23.7	89	91	75	65	74	84	------
30	60	60.39	61.26	59.11	59.23	60.94	25.8	24.1	30.1	31.3	29.5	28.2	31.9	24	85	86	71	67	75	81	------
31	59.37	59.67	61.12	58.90	59.47	60.87	26.2	24.1	30	30.7	28.6	27.8	31.4	23.9	82	91	69	67	78	79	------
Mean	59.30	59.72	60.92	58.78	58.64	60.07	24.6	23.4	29.1	30.4	28.5	26.3	30.9	23.1	89.9	91.7	76.3	71.7	80	87.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	5.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	NNE	2	NNE	3	E	2	NNE	2	NNE	3	N	4	10	Ci.-S.	Cu.-N. NE	2	Ci.-S.	Cu.
2	SE	1	Calm	----	E	2	N	4	N	2	NNE	1	3	Ci.-S.	S.-Cu.	1	------	Cu.
3	SE	1	ESE	2	SE	5	WNW	3	W	3	SE	1	1	Ci.-S.	Fr.-S.	2	------	Cu.
4	E	1	NNE	3	NNE	3	N	2	NNE	4	N	4	10	Ci.-S.	Cu.-N. NNE	4	------	Cu. N
5	SE	1	SE	1	SE	4	W	4	W	2	SE	1	3	Ci.-S.	------	3	Ci.	Cu.
6	SE	4	SE	1	E	3	E	4	Calm	----	NNE	1	7	Ci.-S.	S.	1	Ci.	Cu.
7	NNE	4	NNE	1	N	2	NNE	2	NNE	3	NNE	1	10	Ci.	Cu. NE	3	Ci.	Cu.
8	SE	1	SE	1	SE	4	W	4	W	1	SSE	1	6	Ci.-S.	S.	3	Ci.	Cu.
9	SE	1	SE	1	SE	4	WNW	4	WNW	2	SSE	1	2	Ci.-S.	Fr.-S.	1	Ci.	Cu.
10	SE	1	SE	1	E	4	E	4	NNW	2	SE	1	3	Ci.-S.	S.	1	Ci.	Cu.
11	SE	1	ESE	1	ESE	3	E	4	NW	1	SE	1	10	Ci.-S.	Cu.-N. NE	8	Ci.-S.	Cu.
12	SE	1	SE	2	E	2	NNE	2	NNE	2	NNE	3	9	Ci.-S.	S.	10	Ci.-S.	Cu.
13	SE	1	Calm	----	ESE	3	N	2	NNW	2	N	1	3	Ci.-S.	Fr.-S.	10	Ci.-S.	Cu.
14	SE	1	SE	1	SE	2	NE	2	N	2	SE	1	7	Ci.-S.	S.	10	Ci.-S.	Cu.
15	SE	1	SE	1	E	2	E	3	SE	1	SE	2	5	Ci.-S.	S.	10	Ci.-S.	Cu.-N.
16	SE	1	SE	1	ESE	2	NNE	2	N	3	NNE	2	10	------	S.-Cu.	7	A.-Cu.	Cu.
17	NE	1	SE	1	NNE	2	NW	2	NNW	2	NNW	4	3	Ci.-S.	S.-Cu.	2	Ci.	Cu.
18	SE	1	SE	1	ESE	5	E	2	N	1	SE	1	3	Ci.-S.	S.	2	------	Cu.
19	SE	1	SE	1	E	4	NE	2	N	2	SE	1	3	Ci.	------	6	Ci.	Cu.
20	S	1	Calm	----	E	4	N	4	NW	2	S	1	7	Ci.-S.	S.	8	Ci.-S. SW	Cu.
21	SE	1	SE	1	N	2	NNW	2	N	2	SE	1	7	Ci.-S.	S.	10	Ci.-S.	Cu.
22	SE	1	SE	1	NW	2	NNW	2	NNW	2	S	1	10	Ci.-S.	S.	5	Ci.	Cu.
23	SE	1	SE	1	NNE	2	N	2	SE	3	SE	4	3	Ci.-S.	Fr.-S.	9	Ci.	Cu.
24	SE	4	ESE	4	ENE	4	NNE	2	NNE	2	NNE	2	10	------	Cu.	10	Ci.-S.	Cu.
25	SE	1	SE	2	E	2	NNW	3	NNE	6	NNE	4	10	------	Cu.-N.	10	Ci.-S.	Cu.
26	SE	1	SE	1	NE	2	N	4	NNE	5	S	1	10	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
27	SE	1	SE	1	E	4	N	2	NNE	2	ESE	1	8	Ci.-S.	Fr.-S.	10	------	Cu.-N.
28	SE	5	SE	1	E	2	NNE	4	NW	2	NNE	2	8	Ci.-S.	S.-Cu.	9	A.-Cu.	S.-Cu.
29	SE	2	SE	1	ESE	5	NNE	2	NNE	3	NNE	1	3	Ci.	S.-Cu.	9	A.-Cu.	Cu.
30	SE	2	SE	2	ESE	5	NNW	4	W	2	NNE	2	3	A.-Cu.	S.-Cu.	2	------	Cu.
31	Calm	----	SE	1	E	4	NNE	4	N	3	NNE	3	3	Ci.-S.	S.	2	A.-Cu.	Cu.
Mean	------	1.5	------	1.3	------	3.1	------	2.9	------	2.3	------	1.8	6.1	------	------	5.6	------	------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 8.5 meters; gravity correction not applied, —1.65 mm.]

APRIL, 1909.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.63	59.71	60.76	59.20	59.04	60.89	27	25.5	30.4	31.5	29.4	28.3	32.2	25.2	80	88	63	61	69	78	2.3
2	59.18	60.19	61.38	59.01	59.93	61.19	27.4	25.4	30	32.4	29.2	28.4	32.9	25.1	83	89	62	52	68	72	9.7
3	60.29	60.60	61.76	59.52	59.79	61.08	26.7	25	30.5	30.6	28.8	27.4	32.1	24.9	82	92	68	71	79	81	------
4	60.22	60.47	61.96	59.78	59.58	60.04	26.9	26.2	28.6	29.8	28	27.3	30.5	26.2	83	86	78	75	79	81	------
5	59.36	59.72	60.78	58.76	58.67	60.12	25.4	23.5	30.6	31.5	28.8	26.1	32	23.2	86	91	70	66	76	85	------
6	59.19	59.08	60.26	58.66	58.50	59.88	24.1	22.1	29	30.4	28.5	27	30.8	21.9	89	94	73	69	73	79	------
7	58.89	58.41	59.71	57.58	57.12	58.68	26.4	25.6	29	30.5	28.7	27.2	31	25.4	80	83	74	68	78	83	------
8	58.33	58.34	59.35	57.98	58.35	59.79	25.4	23.5	28.6	29.4	28.2	26	29.9	23.2	87	91	75	71	73	84	------
9	59.20	59.28	60.16	58.26	58.55	60.37	24.6	23	29	31.4	28.8	26.5	31.9	22.7	88	91	71	63	69	76	------
10	59.58	59.84	60.69	58.74	59	60.22	25.6	25.3	29.3	30.5	28.9	27.4	31	25.1	79	81	76	73	76	79	------
11	59.19	59.68	60.30	58.45	58.97	60.50	26.9	26.1	30	31.4	28.7	27.3	31.9	25.9	81	85	73	70	79	81	------
12	59.85	60.16	61.10	59.32	59.38	60.28	24.2	22.9	30.2	30.7	29	26.4	31.3	22.6	90	91	68	73	79	86	1.3
13	59.29	59.77	60.47	59.27	59.16	60.29	24.7	22.7	30.6	31.5	29.3	27.5	32	22.4	90	96	70	69	79	84	------
14	59.30	59.60	60.45	58.86	58.74	59.68	24.8	23.5	30.1	30.9	29.4	27.8	31.5	23.2	89	93	69	68	72	78	------
15	58.99	59.29	60.69	58.23	58.17	59.49	26.7	25.6	29.6	31.5	29.1	27.6	32	25.5	83	88	77	70	75	84	------
16	58.55	58.68	59.52	57.31	58.54	59.57	27.3	27.1	29.7	31.4	28.2	26.6	31.9	26.9	86	85	73	68	76	85	------
17	58.19	58.35	59.13	57.62	57.86	59.86	24.9	24.6	30.5	32.4	29.6	28.5	32.7	24.3	89	91	68	66	81	83	------
18	58.48	58.65	59.96	57.70	58.97	60.03	27.4	25.9	31.5	33.8	29.9	28.6	34.3	25.6	88	94	67	60	79	86	------
19	58.93	59.13	59.61	57.32	56.98	58.83	28	27.6	31	31.9	30	28.4	32.4	27.5	88	88	72	68	77	82	------
20	57.68	57.99	58.81	57.20	57.57	58.68	27.6	26.6	31.1	32.4	30	28	32.9	26.4	86	92	69	67	75	88	------
21	58.18	58.36	59.02	57.74	58.28	58.98	26.5	25	30.8	32	29.8	27.9	32.5	24.8	91	96	73	69	78	88	------
22	58.19	58.65	59.48	57.57	56.76	59.32	26.9	25.5	30	31.5	29.4	28	32	25.4	90	93	77	72	79	86	------
23	58.34	58.27	59.42	57.97	57.92	59.07	27.4	26.6	29.5	31.4	29.5	27.6	31.9	26.5	87	90	76	72	77	87	------
24	58.23	58.35	58.77	57.10	57.16	59.05	26.8	26.1	30	31	29.8	28.4	31.5	26	89	89	75	72	75	85	------
25	58.15	58.26	59.25	57.68	58.19	59.22	25.9	25.5	31.5	28.5	29.4	27.6	31.8	25.2	93	94	69	92	85	92	34.8
26	58.66	58.77	59.17	57.95	58.22	59.11	26.1	24.5	30.1	32.1	29.5	28	32.6	24.2	94	97	71	69	81	91	------
27	57.68	58.69	59.81	57.73	57.49	58.40	27.4	26.2	30.6	31.5	29.8	28	32	26	91	94	75	72	79	88	------
28	57.48	58.02	58.93	57.43	57.52	58.24	27	24.8	29.8	31.2	29.6	28.1	31.7	24.5	89	95	76	71	78	85	------
29	57.29	57.84	59.08	57.18	57.36	58.67	27.6	27	30	31.5	29.8	28.7	32	26.9	87	90	75	71	77	83	------
30	57.99	58.35	58.99	57.30	56.88	58.45	28.3	27.9	29.7	30.8	28.6	26	31.3	25.8	84	85	77	73	83	95	------
Mean	58.75	59.02	59.96	58.15	58.32	59.60	26.4	25.2	30	31.2	29.2	27.6	31.9	25	86.7	90.4	72	69.4	76.8	83.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	48.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10. a. m		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	1	SE	1	ESE	4	wbyN	4	WNW	2	NNE	2	2	Ci.	S.	3	Ci.	Cu.
2	NE	1	Calm	----	ESE	4	NE	2	NNW	2	NNE	2	8	A.-Cu.	Cu.	2	------------	Cu.
3	SE	2	Calm	----	NNE	2	NNE	4	N	4	N	5	10	A.-Cu.	Cu. ESE	2	------------	Cu.
4	N	2	NNE	2	NNE	3	N	4	NNE	3	NNE	2	8	Ci.-S.	Cu. NE	4	------------	Cu. N
5	SE	1	SE	1	W	2	WNW	4	W	3	S	1	3	------------	S.	2	------------	Cu.-N.
6	SE	1	SE	1	NW	2	NW	4	NNW	3	N	4	1	A.-S.	Fr.-S.	0	------------	------------
7	NW	3	NNW	2	WNW	3	W	5	NW	2	N	2	8	Ci.-S.	Cu. NNW	4	------------	Cu.
8	N	2	Calm	----	W	4	WNW	4	W	2	Calm	----	2	------------	S.	4	A.-Cu.	Cu.-N.
9	SE	1	SE	1	NNE	2	WNW	3	W	1	NE	3	2	A.-S.	S.-Cu.	5	Ci.	Cu.
10	NE	2	NNE	2	NNE	2	N	3	NNE	4	NE	5	3	Ci.	S.-Cu.	8	Ci.	Cu.
11	N	2	NNE	2	NE	2	WNW	4	N	2	NNE	2	10	Ci.-S.	Cu.	3	Ci.	Cu.-N.
12	SE	1	SE	1	ESE	4	W	4	W	3	SE	1	2	Ci.-S.	Fr.-S.	7	Ci.	Cu.-N.
13	SE	1	SSE	1	S	4	WNW	5	WNW	2	NNE	2	5	Ci.	S.-Cu.	4	Ci.	N.-cf.
14	NE	1	Calm	----	ENE	2	NNE	2	N	2	NNE	4	4	------------	Cu. ESE	2	Ci.	Cu.
15	NE	2	NE	1	NNE	3	N	3	NNE	4	NNE	5	10	Ci.	Cu. NE	10	Ci.-S.	Cu.-N.
16	N	3	NNE	2	N	3	NNW	2	SSE	3	SE	1	10	Ci.	S.-Cu.	4	Ci.-S.	Cu.-N.
17	SE	1	SE	1	ESE	4	W	4	WNW	1	NE	1	10	Ci.-S.	Fr.-S.	7	A.-Cu.	Cu.-N.
18	ESE	1	Calm	----	E	4	E	4	NNE	2	NE	1	10	Ci.	Cu.-N.	10	Ci.-S.	Cu.-N.
19	NNE	2	NNE	2	E	4	N	2	NNE	4	N	5	7	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
20	NE	2	Calm	----	E	3	NW	4	NW	2	NNE	3	5	Ci.	Cu.	6	Ci.	Cu.-N.
21	SE	1	Calm	----	E	3	WNW	4	NNW	1	NNE	4	5	Ci.-S.	Cu.	4	Ci.	Cu.-N.
22	N	3	Calm	----	NNE	3	NW	3	N	2	NNE	4	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
23	NE	2	NNE	1	NNE	2	NNW	3	NW	2	N	3	8	Ci.-S.	Cu. NNE	4	Ci.-S.	Cu.-N.
24	NE	3	ENE	1	N	2	NNW	3	N	2	Calm	----	8	Ci.-S.	Cu. NNE	2	------------	Cu.
25	SE	1	SE	1	WNW	3	W	3	NW	2	NNE	2	10	Ci.-S.	------------	9	Ci.-S.	Cu.-N.
26	SE	2	SE	1	S	4	W	3	NNE	2	NNE	2	2	Ci.	S.-Cu.	3	Ci.	Cu.-N.
27	E	1	SE	1	NNE	2	NW	3	NNE	2	NNE	3	7	Ci.-S.	Cu.-N.	2	------------	Cu.-N.
28	NNE	2	SE	1	NNE	2	WNW	3	NNW	2	N	2	7	Ci.-S.	Cu.	2	Ci.	Cu.-N.
29	NNE	3	NNE	2	N	2	NNW	2	N	2	N	4	8	Ci.-S.	Cu. NNE	3	Ci.-S.	Cu.-N.
30	NNE	2	NE	3	E	2	N	3	NNW	2	SSE	1	10	Ci.-S.	S.-Cu.	9	A.-Cu.	Cu.
Mean	------	1.7	-----	1	------	2.9	------	3.4	------	2.3	------	2.5	6.5	------------	------------	4.8	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 8.5 meters; gravity correction not applied, —1.65 mm.]

MAY, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.65	57.56	58.86	56.80	57.25	59.56	24.9	23.9	31	32.5	30	23.5	32.8	23.3	94	96	69	66	77	100	55.6
2	58.17	58.19	59.24	57.29	57.74	58.82	23.9	24.4	29.6	29	29.8	26.5	29.9	23.7	98	96	81	88	81	94	2.5
3	58.49	59.11	59.93	57.86	58.01	58.27	25.1	24	30.6	31.6	30	27.9	31.9	23.8	93	94	75	72	78	89	------
4	57.69	58.40	59.83	57.71	58.13	58.59	26.4	25	30.6	31.6	30	28.9	31.8	24.9	93	96	76	72	78	85	------
5	57.49	58.17	58.83	57.11	56.94	57.76	26.2	25	31	31.8	29.9	29	32	24.8	95	98	72	70	80	83	------
6	57.18	57.44	58.32	56.53	56.55	57.81	27.5	26	31.5	32.7	31	29.1	33	25.9	88	94	70	65	73	83	------
7	57.15	57.41	58.17	56.44	56.45	57.92	27.3	25.5	31.2	32.5	30.2	27.9	32.7	25.3	87	92	71	66	78	92	------
8	56.94	57.06	58.09	55.82	56.26	57.67	26.7	25.5	30.9	31.7	30.6	29.1	32	25.4	94	94	74	71	75	84	.3
9	57.04	56.96	57.97	56.92	57.86	58.31	27.5	26	30.6	31.5	28	28	31.8	25.9	89	94	76	72	95	93	3.3
10	57.65	58.47	58.83	57.36	57.88	60.18	26.7	25.4	30.5	32.5	30.1	24.5	32.7	24.2	95	97	74	66	77	97	48
11	59.06	59.21	59.56	57.69	58.63	59.79	24	24.5	29.8	31.5	26.1	25.1	31.7	23.9	98	96	79	72	99	99	20.3
12	58.59	58.79	59.57	57.84	58.99	59.22	24.9	24.6	29.5	29.5	25.3	24.8	29.7	24.5	97	95	82	81	97	98	76.5
13	57.47	57.88	58.52	56.75	57.46	59.49	24.2	23.7	29.4	31.5	26.4	24.7	31.7	23.5	98	97	79	71	95	97	42.2
14	57.75	57.25	58.42	56.94	57.93	59.06	24.6	24.5	28.8	31.8	26.2	25.5	32	24.3	97	97	82	70	96	97	5.6
15	58.10	57.57	58.48	57.26	57.43	59.52	25.2	25	29.8	31.6	29.8	27.2	31.8	24.9	98	98	79	72	80	94	.8
16	58.76	58.61	59.29	57.57	57.69	59.68	26	24.9	30	31.5	29.8	28.6	31.7	24.8	96	97	78	72	79	86	------
17	58.62	58.63	59.08	57.61	58.29	59.48	27.4	26.2	30.6	32	29.7	28.7	32.2	26	90	94	76	69	81	86	------
18	59.10	57.68	59.77	58.27	58.51	59.89	27.4	26.2	30.3	31.1	30.1	28.1	31.4	26.1	92	97	76	75	78	90	.5
19	59	59.11	59.93	58	57.67	59.68	27	25.9	30.6	31.6	30.7	25.4	31.9	25.3	93	96	76	72	76	99	11.9
20	58.46	58.47	58.87	57.03	56.71	58.47	24.5	23.7	30.7	31.7	30.5	28	31.9	23.5	98	97	75	70	76	85	------
21	58.18	57.61	58.05	57.15	57.37	59.24	26.7	25.4	30.5	32.1	29.9	26	32.5	25.3	89	93	74	69	77	92	------
22	58.66	58.22	58.75	58.11	58.52	60.62	26	25.9	30.6	32	30.6	27.6	32.4	25.7	93	94	76	69	77	91	------
23	60.14	59.68	60.12	58.29	58.77	60.99	26.6	25.7	30.6	32.2	30.9	27.7	32.6	25.5	93	95	77	68	75	84	.8
24	59.15	59.37	59.45	57.07	57.92	59.42	26.3	25	30.7	32.1	31	29.5	32.5	24.8	94	94	76	69	75	84	34.5
25	59.04	57.82	58.26	56.19	56.80	58.29	27.2	25	29.9	31.6	30.6	27.5	32	24.7	90	96	78	72	76	92	------
26	57.28	57.34	57.87	56.33	56.88	58.34	26.7	26	31.2	33.4	30.7	27.6	33.7	25.9	93	94	72	62	76	91	7.1
27	57.29	57.51	58.15	56.18	56.55	58.57	26.3	26.1	27.5	30.6	26.9	24	30.7	23.7	94	96	94	78	90	100	19.6
28	58.01	57.09	57.17	56.12	56.52	58.07	24.4	24.9	28.6	31.5	29.2	26.5	31.7	24.1	99	98	88	72	85	97	6.9
29	58.03	57.78	58.61	57.23	57.24	58.15	26.1	25.8	28.5	30.6	27.7	26	30.9	25.6	98	98	88	78	88	95	3
30	57.15	57.01	57.92	55.31	55.69	57.55	25.8	25.6	29.9	31.4	30.5	27.2	31.6	25.5	96	93	78	72	76	83	------
31	56.86	56.80	57.38	55.89	56.13	58.37	26.9	26.6	30.4	31.6	30.6	29	31.9	26.4	85	87	77	72	76	84	------
Mean	58.07	58.01	58.75	57.05	57.44	58.93	26	25.2	30.2	31.6	29.4	27.1	31.9	24.9	93.8	95.3	77.4	71.4	81.3	91.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	339.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	1	ESE	1	E	5	NNE	4	N	1	Calm	----	2	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
2	ESE	1	SE	1	E	3	W	2	NNE	2	ESE	1	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
3	SE	1	SE	1	ESE	4	NNE	4	NNE	3	SE	1	3	Ci.-S.	S.-Cu.	2	------------	Cu.-N.
4	SE	1	SSE	1	E	3	NNE	4	NbyE	2	N	2	3	Ci.-S.	S.-Cu.	4	Ci.	Cu.-N.
5	SE	1	SE	1	ESE	3	NW	3	N	3	NNE	2	3	Ci.-S.	S.	3	Ci.	Cu.-N.
6	Calm	----	ESE	1	E	3	WNW	4	N	2	NE	2	4	Ci.	Cu.	3	Ci.	Cu.-N.
7	ESE	1	SE	1	E	3	W	4	NNE	2	SE	1	2	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N.
8	SE	1	SE	1	E	2	NNW	3	NW	1	NNE	3	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
9	N	1	SE	1	ENE	2	NNW	2	SSE	1	NNE	2	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
10	ESE	1	SE	1	E	2	N	2	NNE	3	SE	1	10	Ci.-S.	S.	10	Ci.-S.	Cu.-N.
11	SE	1	SE	1	ESE	4	W	2	NW	1	SE	1	10	Ci.-S.	S.	10	Ci.-S.	Cu.-N.
12	SE	1	SSE	1	ESE	3	W	2	S	2	SE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
13	SSE	1	SE	1	ESE	3	WNW	3	SE	1	SbyE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
14	SE	1	SE	1	SSE	2	W	5	W	2	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	cu.-N.SSW
15	SE	1	SE	1	ESE	3	W	4	W	2	SSE	1	4	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
16	SE	1	Calm	----	NNE	1	WNW	2	NW	2	NNE	3	10	Ci.-S.	S.	10	Ci.-S.	Cu.-N.
17	N	3	SSE	1	NNE	2	NW	3	WNW	2	SE	1	10	Ci.-S.	S.-Cu.	10	Ci.	Cu.-N.
18	SE	1	SSE	1	SSE	1	WSW	2	WbyN	2	ESE	1	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
19	SE	1	S	1	E	2	WbyN	3	W	2	Calm	----	9	Ci.-S.	S.	6	Ci.-S.	Cu.-N.
20	SE	1	SSE	1	E	2	NNE	3	NW	2	NE	2	10	Ci.-S.	S.	6	Ci.-S.	Cu.-N.
21	SE	1	SE	1	ESE	3	W	3	SW	2	SE	1	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
22	SSE	1	ESE	1	SE	3	W	4	WSW	2	ESE	1	5	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
23	S	1	SE	1	E	2	W	3	WbyS	2	E	2	9	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
24	SE	1	SE	1	E	2	W	4	W	2	NW	2	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
25	SE	1	SSE	1	ESE	3	WSW	4	SW	2	SE	1	10	Ci.-S.	Cu.-N.	9	Ci.-S.	cu.-N.SSW
26	SE	1	SSE	1	SbyE	4	WSW	4	SW	2	SE	1	9	Ci.-S.	Cu.	10	Ci.-S. NNE	Cu.-N. S
27	SE	2	SE	1	SSE	2	SW	3	SSE	1	Calm	----	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
28	SE	1	SSE	2	S	2	SSW	3	SE	1	E	1	10	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.-N. S
29	SE	1	Calm	----	WNW	1	NW	2	ESE	2	E	2	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
30	SE	1	ESE	2	ESE	2	NNW	2	ESE	3	ESE	1	10	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.-N.
31	SE	2	SE	3	E	2	E	2	NNE	2	NE	1	10	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
Mean	------	1.1	------	1.1	------	2.5	------	3.1	------	1.9	------	1.3	8	------------	------------	8	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 8.5 meters; gravity correction not applied, −1.65 mm.]

JUNE, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.54	57.46	58.16	56.90	57.31	58.98	27	25.1	30.6	32.5	30.5	27.4	32.9	24.9	86	90	73	66	77	91	------
2	58.15	58.23	59.02	56.95	56.32	57.88	26.6	25.9	30.9	32.5	31	28.4	32.8	25.8	92	94	73	66	73	88	------
3	57.15	56.86	57.70	56.03	56.47	58	27	25.7	31	33.5	31.4	28.5	33.9	25.5	89	89	71	61	72	85	------
4	57.80	57.69	57.83	56.50	56.57	58.11	27.3	26.2	30.6	32.8	31.6	28.4	33.4	26	86	87	74	65	72	85	------
5	58.04	57.85	58.15	57.10	56.86	58.70	26.7	25.4	31.5	32.4	31.4	30	32.8	25.2	86	88	69	67	72	81	------
6	57.63	57.31	57.95	56.54	57.38	58.68	28.1	26.2	32.3	32.8	29	27.5	33.1	26	86	92	68	65	89	94	6.4
7	58.24	58.16	58.61	57.50	57.71	59.18	26.9	26.2	31.3	32.6	31	29.4	32.9	26.1	94	94	72	66	75	82	------
8	58.49	58.65	58.90	57.62	57.94	59.36	28.1	26.9	31.6	32.2	30.6	28.6	32.5	26.8	89	96	72	68	78	90	------
9	58.03	58.20	58.89	57.64	57.59	58.87	27.7	26.5	32	32	28.6	28.4	32.4	26.3	93	95	69	69	91	88	9.9
10	57.80	58.15	58.71	57.35	57.03	58.59	27.1	25.9	29.6	31.1	30.4	29	31.5	25.7	92	96	82	75	77	85	2.3
11	57.85	58.25	58.35	56.91	56.46	58.79	27.5	26.1	31.6	31.8	30.6	28.6	32.2	26	90	95	72	70	77	88	.3
12	57.73	57.86	58.70	57.45	57.51	59.19	27.4	25.6	30.6	32.1	31.1	25.1	32.5	25	93	94	75	69	73	92	53.1
13	58.56	59.02	59.91	58.31	58.39	60.95	24.8	25.1	30.6	32	29.5	25.6	32.4	24.7	93	95	78	69	82	93	1.3
14	59.66	59.41	59.20	57.30	58.25	59.96	25.3	25.1	30.6	31.6	30	27.2	31.9	24.9	94	95	74	71	78	91	8.6
15	59.60	59.62	59.78	58.32	58.99	60.28	26	24.9	29.6	31	29.6	23	31.4	22.8	93	94	82	75	82	100	78
16	59.30	59.19	59.87	58.82	58.78	60	23.3	23.7	28.6	30.6	26.3	25.4	30.9	23.1	98	97	88	78	94	96	23.1
17	59.24	59.15	59.72	58.23	58.03	59.31	24.7	24	29	28.2	28	25.9	29.4	23.9	96	96	86	94	88	94	53.3
18	58.96	58.56	59.09	57.56	57.45	58.60	24.9	24	27.6	30	28	25	30.3	23.8	95	97	86	78	86	92	4.3
19	57.86	57.86	57.37	56.73	56.30	57.31	24.5	24	28	27.9	27.1	25.3	28.2	23.9	93	96	86	89	89	93	9.1
20	56.20	55.83	56.52	55.41	55.37	56.26	24.9	24.5	28.5	29.1	25.8	25.1	29.4	24.4	95	96	84	85	90	95	44.2
21	55.77	55.26	55.66	55.21	54.53	55.55	24	25	26.8	24.4	24.6	24.2	27	23.8	99	97	94	97	97	97	63.2
22	55.10	55.06	55.67	55.04	55.64	57.13	23.7	23.2	25	27	25.5	24	27.2	23	97	98	94	88	85	91	4.1
23	56.48	56.51	57.12	56.92	57.86	58.11	24.1	24.4	26.8	29.3	26.1	25.2	29.5	24	93	93	90	79	87	92	.8
24	57.38	58.46	59.22	57.93	58.47	59.50	24.4	23.7	29.1	30.3	29.5	26.9	30.6	23.5	92	93	84	78	78	87	------
25	58.64	58.68	59.02	57.27	57.78	58.61	26.4	26	30.3	31.4	30.1	28.8	31.7	25.9	90	92	77	73	78	83	------
26	57.35	57.53	58.29	56.35	57.42	58.26	27.4	26	31	31.6	27.5	25.8	31.9	25.7	87	92	75	72	83	93	11.2
27	57.61	57.19	57.48	55.89	57.17	58.99	25.3	24.8	29.6	31	28.6	23.9	31.8	23.8	93	94	82	75	88	97	65.8
28	57.65	57.40	57.47	56.61	57.69	59.21	23.8	24.1	29	32	30	25.5	32.4	23.7	97	95	85	69	80	88	2
29	59.02	59.08	59.09	57.58	58.19	59.51	25	24.6	29.6	30.9	30	27.1	31.3	24.5	90	92	81	76	79	84	------
30	59.39	58.69	59.80	57.74	57.94	58.65	26.2	25.7	30.2	31.5	29.1	27	31.9	25.6	90	93	78	72	81	90	------
Mean	57.94	57.91	58.38	57.06	57.31	58.68	25.9	25.2	29.8	30.9	29.1	26.7	31.4	24.8	92	93.8	79.1	74.2	81.7	90.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	441

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	1	SE	1	E	2	WNW	3	WNW	2	S	1	9	Ci.	Cu.-N.	7	Ci.-S.	Cu.-N.
2	SSE	1	S	1	E	3	E	2	N	3	E	1	5	Ci.	Cu.-N.	3	Ci.-S.	Cu.-N.
3	SE	1	ESE	2	ESE	5	SE	4	W	2	ESE	1	1	Ci.-S.	Cu.	1	Ci.	Cu.
4	SE	2	ESE	2	ESE	4	SE	4	WSW	1	ESE	1	10	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
5	SE	2	SE	2	ESE	3	NE	2	NNE	2	NE	2	4	Ci.-S.	------	8	Ci.-S.	Cu.
6	NE	2	ESE	1	ENE	2	N	3	Calm	----	SE	1	10	Ci.-S.	Cu.	5	Ci.	Cu.-N.
7	SSE	1	SE	2	ESE	3	W	3	WNW	2	NNE	1	5	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
8	NE	1	SSE	1	E	2	NNW	2	NW	2	SE	1	4	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N.
9	SE	1	SE	1	E	2	WNW	2	NNW	2	NNE	2	10	------	Cu.-N.	8	Ci.-S.	Cu.-N.
10	SE	1	Calm	----	NW	2	WNW	3	NW	2	N	2	10	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.-N.
11	SE	2	SSE	1	EbyN	2	NNW	3	NW	3	NE	3	10	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N.
12	ESE	1	SE	1	SSE	2	WNW	3	WNW	2	NNE	2	8	Ci.-S.	Cu.	8	Ci.	Cu.-N.
13	SE	1	S	1	SSE	3	W	4	SSW	1	ESE	1	3	A.-Cu.	Cu.	10	A.-Cu.	Cu.-N. S
14	SE	1	SE	1	ESE	3	W	4	NNW	2	Calm	----	10	A.-Cu.	Cu.	6	Ci.-S.	Cu.-N. S
15	S	2	SW	1	NNW	2	W	4	NW	2	ESE	1	4	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
16	SE	1	SSE	1	SSE	2	SW	4	SSE	2	Calm	----	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
17	S	1	SSE	1	ESE	2	SW	2	SbyE	1	E	2	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
18	SE	2	SSE	2	S	5	SSW	4	SSE	2	ESE	2	10	A.-Cu.	Cu.-N.	10	Ci.	Cu.-N. SW
19	SE	2	S	2	SSE	3	SSW	4	SSE	2	SSE	2	10	------	N.	10	------	Cu.-N.
20	SE	2	SE	2	S	4	SSE	3	S	4	SE	3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
21	SSE	2	SE	3	ESE	2	SSE	4	SSE	3	SE	3	10	------	N.	10	------	N.
22	ESE	2	SE	3	SE	5	ESE	5	S	4	S	5	10	------	N.	10	------	Cu.-N.
23	SE	3	SE	4	SSE	4	S	4	SE	2	ESE	2	10	------	Cu.-N.	10	Ci.-S.	Cu.-N.
24	SW	4	E	1	E	2	WNW	3	NW	2	E	1	9	A.-Cu.	Cu.-N.	6	A.-Cu.	Cu.-N.
25	SE	1	Calm	----	NW	2	NW	3	N	3	NNW	2	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
26	SE	1	SSE	1	E	2	WNW	2	ESE	3	ESE	1	10	------	Cu.-N.	6	Ci.-S.	Cu.-N.
27	SE	1	SSE	1	ESE	2	W	3	SbyE	1	S	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
28	SSE	2	SE	2	ESE	2	SW	2	S	2	ESE	1	10	A.-Cu.	Cu.-N.	10	A.-Cu.	Cu.-N.
29	SE	1	SE	1	E	2	NNE	2	Calm	----	SE	1	10	A.-Cu.	Cu.	7	Ci.	Cu.-N.
30	SE	1	SE	1	E	2	NNW	2	ENE	1	E	1	6	A.-Cu.	Cu.-N.	8	Ci.-S.	Cu.-N.
Mean	------	1.5	------	1.4	------	2.7	------	3.1	------	2	------	1.6	8.3	------	------	7.7	------	------

BOLINAO.

[φ=16° 24′ N; λ=119° 53′ E; barometer above sea, 8.5 meters; gravity correction not applied, —1.65 mm.]

JULY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.01	57.47	58.08	56.28	56.17	57.16	26	25	28.9	31	29.9	27.5	31.5	24.9	92	94	85	75	77	87	0.3
2	56.47	55.44	56.42	55.37	55.77	58.07	26.4	25.6	29.6	30.6	30.4	25.7	30.9	25.5	90	92	81	78	76	92	6.1
3	56.52	56.11	57.24	55.76	56.03	57.72	24.7	24	29.4	31.5	30.2	27.3	31.9	23.8	94	95	82	72	73	86	------
4	57.60	56.72	57.47	56.09	55.94	58.13	26.1	25	29.9	31.6	30.2	27.1	32	24.9	89	92	80	72	77	90	6.9
5	57.89	57.10	57.66	56.75	57.23	58.69	25.6	23.9	29	31.5	26.3	25.4	31.8	23.7	90	93	81	72	94	94	53.1
6	57.89	57.46	57.79	56.43	56.08	57.79	25.2	24	27.5	31.1	29.2	25.6	31.5	23.9	87	95	88	76	83	92	7.9
7	56.87	56.60	56.92	55.82	55.76	57.09	24.6	24.4	27.6	30.4	26.5	25.5	30.9	24.3	92	93	83	76	87	87	2.3
8	56.34	56.35	56.23	55.13	56.19	57.42	25.2	25	28.6	30.1	27.2	25.5	30.6	24.9	89	90	78	74	80	88	------
9	56.67	56.01	56.83	55.45	55.86	57	25.2	24.8	28	27.4	25.2	24.8	28.3	24.7	89	89	83	82	90	93	19
10	57.18	56.22	56.89	55.96	56	57.50	24.3	24	25.6	25.8	26.1	24.1	26.2	23.8	95	96	94	93	92	95	7.1
11	57.15	56.52	56.63	55.52	56.06	57.46	23.7	23.3	27.6	30.3	26.5	25.1	30.6	23.1	97	97	87	78	87	92	3
12	56.18	56.01	56.70	55.28	55.97	57.32	24.4	24.1	27.6	29.6	27.7	25.6	29.9	24	93	96	92	77	83	93	24.1
13	56.12	54.97	55.41	54.23	54.17	56.36	25.1	24.5	24.6	24.6	24.5	23.9	25.3	23.5	94	96	95	95	96	97	67.6
14	55.76	55.77	56.96	56.17	56.52	57.63	23.4	23.3	25.4	28.1	25.7	24.3	28.3	23.1	97	97	93	88	85	88	.3
15	57.15	57.95	57.82	57.83	58.52	60.48	24.3	24.3	27	30.3	28.3	26	30.6	24.2	90	91	86	76	82	92	.3
16	59.37	59.25	60.26	58.92	58.58	59.44	24.9	23.9	28.8	31.5	29.9	28	31.8	23.7	92	92	83	75	78	90	2
17	58.05	56.97	56.72	55.57	55.68	57.04	27.9	27.8	29.4	30	28.3	26	30.5	25.5	88	88	86	80	86	88	.7
18	56.49	56.32	56.64	55.60	56.27	58.19	25	25.5	29	32.1	26	25.3	32.5	24.9	92	90	82	72	92	93	34
19	57.62	57.55	57.89	57.43	57.89	59.89	24.9	24.6	28.6	28.4	27	25.8	28.9	24.5	93	93	85	86	86	91	.5
20	58.52	58.51	59.19	57.95	58.13	59.67	24.7	23.6	28.6	31	26.9	25.5	31.5	23.5	92	94	83	76	92	95	7.6
21	58.59	57.36	58.37	56.94	57.20	58.61	24.7	23.9	28.4	30	27.5	24.8	30.3	23.7	95	95	88	81	89	95	13.5
22	57.13	57.01	57.62	56.03	56.59	58.16	23.8	23.7	28	30.5	28.5	25.7	30.9	23.5	96	97	86	78	88	93	2.5
23	57.20	57.05	57.47	55.92	56.31	57.29	25.2	24.6	28.2	31.3	25.5	25	31.8	24.5	94	95	86	77	96	95	29
24	56.94	56.28	56.58	55.16	55.50	56.54	24.8	24	28.4	31.5	25.9	24.8	31.9	23.9	95	95	83	79	92	93	26.9
25	55.59	55.19	55.81	55.03	55.17	56.16	24.8	24.6	28.9	28.5	27.8	25.9	29.3	24.5	95	95	89	88	87	93	------
26	54.65	54.53	54.86	54.20	53.81	54.56	25.2	24.9	26.5	25.3	25.3	24.6	26.8	24.5	92	93	92	97	98	97	34.3
27	53.14	52.43	52.98	51.62	51.18	52.37	24.4	24.8	25.8	25.9	24.9	24.5	26.1	24.3	97	96	96	95	97	97	53.6
28	50.52	49.85	50.10	48.68	47.50	48.04	24.3	24	26.9	24.6	25.3	25	27.1	23.8	97	97	92	94	93	96	66.3
29	46.35	46.98	50.68	50.54	52.36	54.30	24.9	25	25.3	25.9	25	25.5	26.1	24.8	98	98	97	95	95	92	15.7
30	54.92	54.69	56.36	56.11	56.50	57.47	25.7	25.9	28.5	26	26	25.5	28.7	25	94	95	88	96	96	96	29.2
31	56.62	57.17	58.12	57.42	56.79	58.02	24.6	24.5	28	27.8	28.1	25.2	28.2	24.4	97	97	92	94	92	95	11.2
Mean	56.31	55.93	56.60	55.52	55.73	57.15	25	24.5	27.9	29.2	27.2	25.5	29.8	24.2	93.1	94.1	87	82.2	87.7	92.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	525

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	1	Calm	----	NW	2	WNW	3	NNW	2	ESE	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
2	SE	1	SE	2	WNW	2	W	2	WNW	2	SSE	1	6	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
3	SE	1	SSE	1	E	3	WNW	2	NW	2	ESE	1	7	Ci.-S.	S.	10	Ci.-S.	Cu.-N.
4	SE	1	SSE	1	ESE	2	ESE	2	SSW	1	ESE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
5	SSW	1	SW	1	ESE	3	W	3	NNE	1	NE	3	4	A.-Cu.	Cu.-N.	7	Ci.	Cu.-N.
6	ESE	3	SE	2	SSE	2	ESE	2	SW	1	SSE	2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
7	SE	3	SE	2	SSE	5	SSE	3	SE	2	SE	3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
8	ESE	2	SSE	1	SE	5	SE	5	SSE	3	SE	3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
9	SE	4	SE	4	SE	4	S	5	SSE	2	SSE	3	10	A.-Cu.	Cu.-N.	10	Ci.-S.	Cu.-N.
10	SE	2	ESE	3	ESE	2	SSE	2	SE	1	ESE	2	10	------------	Cu.-N.	10	------------	N.
11	SE	2	SE	1	ESE	3	SW	3	S	4	SE	2	10	Ci.-S.	Cu.-N.	10	A.-Cu.	Cu.-N.
12	SSE	1	S	1	ESE	2	WSW	4	SSE	1	ESE	1	4	Ci.	Cu.-N.	9	Ci.-S.	Cu.-N.
13	SE	2	SE	2	SSE	2	S	3	SSE	2	SE	5	10	------------	N.	10	------------	N.
14	SE	4	SE	3	SE	5	SSE	5	SSE	3	SSE	2	10	------------	Cu.-N.	10	------------	Cu.-N. S
15	SE	2	SSE	2	SE	4	W	3	Calm	----	ESE	1	10	------------	Cu.-N.	10	------------	Cu.-N.
16	SE	1	ESE	1	NNW	2	WNW	2	NW	3	NW	3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
17	NNE	4	NNE	4	E	2	ESE	2	ESE	1	SE	2	10	------------	Cu.-N.	10	------------	N.-cf.
18	ESE	2	SE	1	ESE	4	SSE	4	SSE	1	ESE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
19	SE	2	ESE	2	ESE	5	ESE	2	SSE	4	SE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
20	SE	1	ESE	1	E	2	W	3	ESE	1	Calm	----	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
21	ESE	1	SE	1	WSW	2	W	2	S	2	Calm	----	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cn.-N.
22	SSE	1	SE	1	ESE	2	W	4	SSW	1	SE	1	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
23	ESE	2	SE	2	ESE	3	W	3	Calm	----	Calm	----	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
24	ESE	1	ESE	1	SE	3	NW	2	S	1	NE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
25	ESE	1	SE	1	E	2	S	3	SbyE	1	NE	1	10	Ci.-S.	Cu.-N.	10	------------	cu.-N.SSW
26	ESE	1	SE	2	SSE	2	NNE	3	ESE	1	S	2	10	------------	N.-cf.	10	------------	N.
27	SSW	4	SSW	3	SSW	4	SSW	3	SSW	2	S	3	10	Ci.-S.	Cu.-N.	10	------------	N.
28	SSE	3	SSE	3	SW	5	SSW	6	SSW	5	SW	6	10	------------	Cu.-N.	10	------------	N.
29	SW	8	WSW	7	W	6	W	5	WNW	5	WNW	4	10	------------	N.	10	------------	N.
30	WNW	4	W	4	W	3	Calm	----	SW	1	SW	2	10	------------	Cu.-N.	10	------------	Cu.-N. W
31	SSE	2	SE	2	SSE	1	WNW	2	Calm	----	ESE	1	9	Ci.-S.	Cu.-N.	10	------------	Cu.-N.
Mean	------	2.2	------	2	------	3	------	3	------	1.8	------	1.9	9.3	------------	------------	9.8	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 8.5 meters; gravity correction not applied, —1.65 mm.]

AUGUST, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.10	56.87	57.74	56.51	56.34	57.36	24.9	25	27.9	29	28	25.7	29.5	24.8	95	96	94	87	91	95	17.8
2	56.56	56.10	56.68	55.86	55.34	56.47	25.3	25	26.3	26.1	26.7	25.5	26.9	24.9	95	96	95	95	94	96	5.8
3	56.19	55.58	56.45	55.59	55.59	57.24	24.5	24.7	26.8	29.1	28.1	26.2	29.5	24.4	96	97	92	85	89	94	2.3
4	56.62	55.99	56.59	56.19	56.25	57.76	25.7	24.9	28.6	26.6	26.5	24.9	29	24.5	93	93	86	92	94	95	19
5	56.60	56.18	57.59	56.54	56.93	58.48	24.3	24	28	27.9	26.7	24.6	28.4	23.8	96	97	91	86	89	95	23.1
6	57.53	57.10	57.63	57.04	57.28	59.12	24.4	24.2	27.6	29.1	27.1	25.4	29.6	24.1	96	97	87	86	92	95	10.6
7	57.94	57.47	58.21	56.98	57.22	59.04	24.8	24.6	27.9	30.5	29.1	26.4	31	24.5	95	95	89	78	83	90	------
8	58.27	58.30	58.84	57.95	57.74	59.41	25.7	25	28.7	30.2	28.8	25.4	30.7	24.9	90	92	83	81	83	90	------
9	58.55	58.73	59.52	58.80	59.01	59.94	25	24.1	28.1	31	29	26.5	31.5	24	92	93	85	79	88	90	------
10	59.04	59.07	59.34	58.34	58.33	59.84	25.9	24.9	28.5	31.5	29.6	26.7	32.6	24.8	93	93	85	77	82	90	------
11	59.17	58.90	59.18	57.65	57.54	59.23	25.9	24.9	28.8	31.6	29.6	26.9	32.1	24.8	92	94	86	78	81	90	------
12	57.64	57.69	58.42	57.07	56.88	58.29	25.7	24.8	29.3	31.3	29.4	26.2	31.8	24.7	93	94	84	77	82	91	------
13	58.15	58.51	59.34	58.37	58.22	59.94	25.7	24.9	28.8	30.9	29.2	26.4	31.5	24.8	93	93	86	80	82	90	------
14	59.15	58.80	59.31	58.58	58.67	59.78	25.8	24	29.1	31.5	30	26.7	32.4	23.8	87	95	83	79	81	90	------
15	59.11	58.41	59.14	57.66	57.33	58.30	25.4	24.6	29.1	31.1	29.6	26.8	31.6	24.5	93	95	81	79	81	89	------
16	58.02	57.34	57.92	56.73	55.89	57.25	25.8	24.8	28.1	30.7	29.3	26.5	31.3	24.7	92	93	88	77	82	90	------
17	56.65	56.61	57.93	56.48	56.58	58.38	26.1	25	26.8	29.4	29	26	29.8	24.9	92	93	89	81	85	92	15.2
18	58.07	57.42	58.53	57.32	58.37	59.67	25.2	24.5	28.5	30.8	28.2	24.5	31.4	23.9	92	93	85	80	91	95	.5
19	58.64	58.30	59.42	57.55	57.92	59.51	23.7	24.4	28.6	30.5	28.6	26	30.9	23.5	95	95	85	80	85	94	3.3
20	58.71	58.19	58.78	57.03	57.21	58.86	25.2	25.1	27.8	30.5	29.5	26.5	31.1	24.8	95	95	85	81	84	94	1
21	58.26	58.31	59.31	58.22	58.14	58.82	25.6	25.2	26.8	30.7	29	27.1	31.3	25.1	93	93	89	81	85	87	1.5
22	58.59	58.66	59.21	57.57	57.76	60.59	25.4	24.6	29.2	31.5	30	27.2	31.9	23.7	93	95	83	79	83	90	.3
23	58.61	58.19	59.07	57.47	57.43	59.04	23.3	24	28.6	31.6	29.8	28.6	32.3	23	95	93	83	79	81	83	31.2
24	58.50	58.55	59.02	57.84	57.97	58.34	27.8	26	29.6	32.8	31	28.5	33.4	25.7	86	92	78	74	83	88	------
25	58.02	58.20	58.66	56.97	57.43	57.79	26.7	26	30	32.3	30.5	27.1	32.9	25.9	90	92	80	75	82	90	------
26	57.58	57.91	58.18	56.32	56.93	57.78	26.3	25.9	29.9	32	30	25.3	32.6	25.8	92	93	80	76	80	92	.8
27	57.80	57.87	58.68	56.77	57.33	59.30	24.5	24.3	29.6	32.2	30.9	25.1	32.7	24.1	92	91	82	76	78	91	5.4
28	58.22	58.11	59	57.12	57.07	58.12	24.3	23.6	27.6	30.7	30	28.9	31.3	23.4	91	92	87	76	78	83	------
29	58.09	57.45	58.07	56.86	57.33	58.53	27	25.4	30.1	32.5	30	26.8	33.1	25	86	90	81	73	75	83	------
30	58.11	57.32	58.33	56.65	56.97	58.18	25.4	25.1	29.7	32.5	30.9	27.9	33.2	25	90	91	81	75	76	82	------
31	57.69	57.76	58.52	56.41	56.82	58.28	26.8	25.3	29.9	33.1	30.3	27.9	33.6	25.2	86	88	80	69	78	83	------
Mean	57.97	57.74	58.47	57.18	57.28	58.67	25.4	24.8	28.5	30.7	29.2	26.5	31.3	24.5	92.2	93.5	85.3	79.7	83.8	90.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	137.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	1	SSE	1	S	2	SSW	3	WSW	3	SSE	2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
2	SSE	2	S	1	SSW	2	S	1	ESE	1	SE	1	10	------	Cu.-N.	10	------	N.
3	SE	2	SSE	2	SbyW	3	S	4	S	2	SE	1	10	A.-Cu.	Cu.-N.	10	------	N.
4	SSE	2	SSE	2	SSE	3	SSW	2	Calm	----	Calm	----	10	Ci.-S.	Cu.-N.	10	------	Cu.-N.
5	SSE	1	SE	2	SSE	3	WSW	4	SW	2	SE	1	10	A.-Cu.	Cu.-N.	10	------	Cu.-N.
6	SE	1	SSE	1	ESE	2	SSW	5	SE	1	SSE	2	10	------	Cu.-N.	10	------	Cu.-N. sw
7	SSE	1	SSE	1	SSE	3	SSW	4	SW	1	SSE	1	10	------	Cu.-N.	9	Ci.-S.	Cu.-N. sw
8	S	2	SSE	2	SSW	3	SW	4	SSW	2	SE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
9	SE	2	SSE	2	SSW	3	SW	4	SSW	1	SSE	2	10	------	Cu.-N.	10	Ci.-S.	Cu.-N.
10	SSE	1	SSE	2	SSW	3	SW	4	SSW	2	SE	1	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
11	SE	2	SSE	2	SSW	3	SW	3	SW	1	SSE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
12	SSE	1	SbyE	2	SSE	3	WSW	4	SW	2	SSE	1	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
13	SSE	1	SSE	2	NNE	1	WNW	4	WSW	2	SSE	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
14	S	1	SSW	1	WNW	3	NW	3	WNW	2	SSE	1	4	Ci.	Cu.	9	Ci.	Cu.-N.
15	SE	1	SE	1	NW	2	W	3	NW	2	SSE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
16	S	1	SSE	1	SW	3	WSW	4	SSW	2	S	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
17	S	2	S	2	SbyW	1	SW	3	SSW	1	S	1	10	------	N.-cf.	9	Ci.	Cu.-N.
18	S	2	S	2	W	2	WSW	4	SE	1	SE	2	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
19	SSE	2	SSE	2	SSE	3	W	3	SW	1	SE	1	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
20	SE	2	SSE	2	SE	3	WNW	3	W	2	SSE	1	10	------	Cu.-N.	8	Ci.-S.	Cu.-N.
21	S	1	Calm	----	E	1	NW	3	NNE	2	NNE	2	10	------	Cu.-N.	10	A.-Cu.	Cu.-N.
22	SE	1	SE	1	ESE	2	N	4	NNE	3	SE	4	4	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
23	SSE	1	Calm	----	ESE	2	ESE	2	NNE	3	NNE	3	8	Ci.-S.	Cu.-N.	4	Ci.-S.	Cu.-N.
24	ESE	1	Calm	----	SSE	3	NNW	3	N	2	S	1	10	------	Cu.-N.	4	Ci.-S.	Cu.-N.
25	SSE	1	SSE	1	ESE	2	NW	3	NNE	2	Calm	----	5	Ci.	Cu.	4	Ci.	Cu.-N.
26	SSE	1	S	1	E	2	WNW	3	N	2	S	2	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
27	SSE	2	SSE	1	S	2	WNW	4	NW	2	SSE	3	8	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
28	S	1	Calm	----	SE	2	ESE	2	NNE	3	NE	1	10	A.-Cu.	Cu.-N.	9	A.-Cu.	Cu.-N.
29	ESE	1	SE	1	ESE	2	NNE	3	N	1	SSE	3	2	Ci.-S.	Cu.	8	Ci.	Cu.-N.
30	S	2	SSE	2	ESE	3	NNE	2	NNW	1	SSE	1	2	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
31	S	1	SSE	1	SE	2	ENE	2	NNE	1	SE	1	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
Mean	-------	1.4	-------	1.3	-------	2.4	-------	3.2	-------	1.7	-------	1.4	8.7	------------	------------	8.4	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 8.5 meters; gravity correction not applied, —1.65 mm.]

SEPTEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.90	58.03	58.49	56.94	57.26	58.64	26.7	25.9	30.1	32.5	31	27.4	33.1	25.8	86	87	77	66	71	81	------
2	57.99	57.33	59.01	57.31	57.38	58.58	26.2	26.2	28.9	32.1	29.6	27.1	32.6	26.1	90	90	82	72	78	86	0.3
3	57.83	57.64	57.86	57.11	57.63	58.77	25.6	24.6	29.4	32.5	27	25.8	33	24.5	89	92	79	68	81	87	4.3
4	57.89	57.77	58.12	56.22	56.26	57.80	25.2	24.1	28.2	31.8	30	26.3	32.4	24	89	91	88	75	78	90	13.8
5	56.18	56.37	57.38	55.18	55.43	56.95	25.2	24.9	28.6	29.2	28.3	25.6	29.6	24.8	91	92	86	82	86	90	2.1
6	55.81	55.94	56.16	54.32	54.39	55.59	25.4	24.6	28.3	32.1	27.8	26.5	32.5	24.5	90	92	86	72	84	87	10.7
7	54.13	53.65	54.53	53.58	53.60	55.54	25.5	25.4	28.8	29.6	27.1	25.5	30	25.3	88	88	79	75	83	85	------
8	54.09	54.36	54.57	52.91	52.95	54.86	25.6	25	28.1	29.9	28	25.4	30.3	24.9	89	90	80	78	77	87	.8
9	54.09	54.20	55.88	54.14	55.32	56.70	25.3	24.9	26.3	29.1	25.8	25.1	29.6	24.8	90	92	92	83	88	92	16.5
10	55.60	56.40	57.62	56.21	56.49	58.14	25	24.8	25.6	27.6	26.3	24.5	27.9	24.4	92	93	93	86	94	95	37.6
11	55.45	56.48	57.37	55.70	56.03	56.74	24.1	24	27.4	28.1	26.7	25.1	28.4	23.9	95	95	86	85	87	92	1.9
12	56.12	55.42	55.87	54.11	54.37	56.26	23.7	23.6	27.9	30.7	28.8	25	31.1	23.5	93	93	86	78	81	90	35.1
13	55.23	55.02	55.84	54.14	54.29	55.82	24.4	24.3	28.1	31	29.2	26.6	31.4	24.2	91	93	86	75	79	87	------
14	55.01	54.52	54.71	53.13	53.22	54.83	26.1	25.3	29.1	31.6	28.8	26.6	32	25.2	89	88	81	72	78	87	.3
15	53.55	53.38	54.33	53.45	53.80	55.52	26	25.6	29	30.7	28.9	27	31.2	25.5	90	92	83	74	78	86	6.6
16	55.01	55.57	56.81	55.68	55.61	56.96	25.1	25.4	27.4	27	26.2	25.5	27.6	25	88	92	88	89	89	92	7.1
17	55.80	55.22	56.13	54.93	54.42	54.77	24.8	24.7	24.9	24.5	23.6	23.5	25	23.4	93	94	93	98	99	99	184.9
18	53.51	53.35	53.96	52.61	52.32	53.21	23.5	23.6	24.5	23.9	24.2	24.2	24.6	23.4	99	99	97	98	98	98	106.9
19	52.50	52.47	53.27	52.30	53.19	54.29	23.9	23.7	25.8	24.6	23.8	24	26	23.6	99	99	98	98	98	99	127.9
20	53.72	53.69	54.79	54.19	54.67	56.08	23.8	23.6	24	24.1	24.2	24	24.3	23.5	99	99	98	99	98	99	153.4
21	55.43	55.69	57.54	56.29	56.87	58.66	23.8	23.6	23.9	24.2	24.3	22.8	24.4	22.5	99	98	99	98	97	99	80.3
22	57.30	57.85	59.25	58.13	58.42	59.66	22.5	22.8	26.3	28.6	27.5	25.4	28.8	22.4	99	99	98	89	92	95	------
23	59.76	59.93	60.68	59.03	59	59.86	25.2	24.1	28.4	29.6	28.1	26.5	29.9	24	97	97	89	85	91	93	------
24	58.62	58.96	59.44	57.20	57.22	58.10	26	26.4	28.1	29.4	28.6	27.6	29.7	25.9	94	95	91	86	88	92	4.1
25	57.46	56.67	57.24	55.35	56.28	57.99	27	26.4	28.6	29.8	26.1	25.1	30.1	24.6	92	94	88	83	92	95	32.5
26	56.98	57.13	58.49	57.15	57.72	59.85	24	23.6	27.8	29.5	26.6	25.9	29.8	23.5	95	96	91	85	88	88	------
27	59.93	60.50	61.14	59.55	60.55	62.27	24.8	24	28.4	30.4	27.6	26	30.7	23.9	91	92	88	78	82	89	------
28	60.72	60.11	61.40	59.76	59.88	60.40	25.1	24.7	28.6	29.7	28.2	25.8	30	24.6	90	92	83	79	81	87	------
29	58.91	58.51	59.30	57.10	57.09	58.16	25	24.1	28.4	29.6	28.5	27.7	29.9	24	88	91	82	78	82	83	------
30	57.42	57.29	58.11	56.90	56.95	57.92	27	25	30	30.9	28.9	26.8	31.3	24.9	86	90	82	77	80	86	------
Mean	56.33	56.32	57.18	55.69	55.95	57.30	25	24.6	27.6	29.1	27.3	25.7	29.6	24.4	92	93	87.6	82	85.9	90.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	827.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	ESE	1	SE	2	E	2	NW	3	N	1	SSE	1	8	Ci.-S.	Cu.-N.	5	Ci.	Cu.-N.
2	ESE	1	SE	1	SSE	2	NNW	2	NE	1	SE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
3	SSE	1	SSE	1	SE	3	NW	3	SSW	2	S	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
4	S	1	SSE	1	N	1	NW	2	WbyS	1	SSE	2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
5	SSE	2	SSE	1	NNW	2	SSW	2	Calm	----	SSE	1	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
6	S	1	S	1	ESE	2	NNE	3	ESE	1	ESE	2	10	------------	Cu.-N.	7	Ci.-S.	Cu.-N.
7	SE	3	SE	4	SSE	5	S	6	SSE	4	SSE	2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
8	SE	2	SSE	3	SSE	5	SSE	4	SSE	5	SSE	4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
9	SSE	4	SSE	3	SSE	3	SSE	4	SSE	2	SSE	1	10	------------	Cu.-N.	10	------------	Cu.-N.
10	SSE	1	SE	1	SSE	2	S	1	SE	1	SSE	1	10	------------	N.	10	------------	Cu.-N.
11	Calm	----	Calm	----	S	5	SSW	4	SW	2	SSE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
12	S	1	SSE	1	ESE	2	NW	2	WSW	2	SSE	2	10	Ci.-S.	Cu.-N.	9	Ci.	Cu.-N.
13	SSE	1	SSE	1	SSE	2	E	3	WSW	1	SE	1	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
14	S	1	SbyE	2	SSE	3	SW	4	SSW	2	SSE	2	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
15	SE	2	SE	1	SSW	4	SSW	5	SSW	3	SSE	3	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
16	SE	2	SE	2	SbyE	3	S	2	SSE	1	SE	1	10	------------	Cu.-N.	10	------------	N.
17	SSE	2	S	1	SW	2	NW	4	SSW	2	ESE	1	10	------------	N.	10	------------	N.
18	SSW	2	SW	1	SSW	2	NW	2	SSW	1	S	2	10	------------	N.	10	------------	N.
19	SSW	4	S	2	S	5	SSW	5	SW	6	SW	5	10	------------	N.	10	------------	N.
20	SSW	4	SSE	3	S	3	S	2	SSW	2	S	2	10	------------	N.	10	------------	N.
21	SSE	2	SSE	2	SSW	3	SSE	3	SW	1	S	4	10	------------	Cu.-N.	10	------------	N.-cf.
22	SSE	2	S	1	SE	3	SSW	3	SbyW	1	Calm	----	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
23	SSE	1	SSE	1	NNE	2	WNW	3	NNW	2	SE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
24	SSE	1	NbyE	2	NNE	2	NNE	3	NW	2	NNE	4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	N.-cf.
25	NE	2	ESE	1	SW	1	WNW	3	SbyW	1	NNE	2	10	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.-N.
26	ENE	1	SSE	1	S	2	SSW	3	SSW	1	SSE	2	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
27	SSE	1	SE	2	SSE	2	WNW	3	SW	1	S	1	4	Ci.-S.	Cu.	8	A.-Cu.	Cu.-N.
28	Calm	----	S	1	SSE	1	W	3	NbyE	1	SSE	1	6	A.-Cu.	Cu.-N.	7	A.-Cu.	Cu.-N.
29	S	1	SSE	1	N	2	NNW	2	NNE	2	NE	1	8	Ci.-Cu.	Cu.-N.	8	Ci.-S.	Cu.
30	ESE	1	S	1	SSW	2	WNW	3	NNE	2	Calm	----	3	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
Mean	------	1.6	------	1.5	------	2.6	------	3.1	------	1.8	------	1.7	9.2	------------	------------	9.1	------------	------------

BOLINAO.

[φ=16° 24′ N; λ=119° 53′ E; barometer above sea, 8.5 meters; gravity correction not applied, —1.65 mm.]

OCTOBER, 1909.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.29	57.43	58.59	56.93	56.89	58.07	25.3	25	29.3	30.5	29.2	27.1	30.9	24.9	89	90	83	78	79	84	------
2	56.81	57.02	57.14	55.01	55.14	56.17	25.1	25.5	29	30.6	28.6	27	31	25	88	90	83	76	80	86	13.2
3	55.17	54.97	55.92	54.59	54.60	56.01	25.3	24.9	28	28.8	26.9	25.7	29.3	24.8	89	91	88	78	86	90	1.8
4	55.09	54.94	56.07	54.56	54.95	55.91	24.8	24.3	28	29.5	28	25.3	29.8	24.2	90	91	88	78	85	88	1
5	54.89	55.32	56.59	54.50	54.43	55.18	25	25	26.6	27.5	25.8	24.2	27.8	24.1	90	91	89	86	89	95	63.3
6	52.55	52.66	53.81	53.24	54.79	55.98	23.7	24	25.2	26.5	25	24	26.7	23.6	96	96	93	88	89	91	9.4
7	55.37	55.49	57.10	55.56	56.47	58.64	24.2	24.5	28.1	28.6	27	25.5	28.9	24.1	93	95	86	86	89	92	2.8
8	58	57.80	59.14	57.55	57.60	59.34	24.3	25	28.2	27.6	27.5	26	28.5	24.2	93	93	88	87	88	92	9.4
9	58.77	58.57	59.66	57.06	58.07	59.39	25	24.4	28	29.5	28.3	25.2	29.9	24.3	92	93	82	78	80	90	11.9
10	58.09	58.15	59.35	57.29	56.92	57.93	24.1	23	27.8	29.5	28.2	26.5	29.9	22.9	91	91	84	79	83	87	------
11	56.71	57.53	58.29	56.23	57.36	58.75	25.1	24	29.2	30.5	28.3	25.9	30.8	23.9	90	91	82	78	85	90	------
12	58.31	58.74	59.89	57.85	58.16	60.08	25.2	24.5	29.3	30.4	29	27.7	30.7	24.4	90	90	79	76	79	84	------
13	59.44	59.50	59.84	57.91	57.89	59.21	26.5	25	29.9	31.3	29.1	28.5	31.6	24.9	89	90	80	73	78	80	------
14	58.35	58.51	59.26	57.09	56.91	57.69	26	25	29.4	30.8	29	28.2	31.5	24.9	87	89	79	76	78	82	------
15	56.72	56.87	57.83	56.13	56.02	56.78	26	25.4	29.6	30.6	28.3	25.4	30.9	24.9	87	88	81	78	79	87	------
16	55.69	55.63	56.49	54.18	53.56	53.81	24.6	25.2	29.4	30.4	28.6	27.8	30.7	24.2	92	90	81	78	80	83	1.5
17	52.17	51.48	51.24	48	45.88	44.21	------	------	------	------	------	------	------	------	------	------	------	------	------	------	310.9
18	42.34	44.46	48.44	47.82	49.57	52.01															57.9
19	52.16	53	55.13	53.54	55.16	56.52	23.9	23.8	26.6	29.1	26.7	24	29.4	23.7	98	98	94	81	90	92	1
20	56.24	56.79	58.09	55.98	56.97	59.03	24	24	28.6	29.7	28.1	25.4	29.9	23.9	95	97	79	77	85	90	------
21	58.74	59.07	59.96	58.10	58.55	59.29	25.2	25	29.6	30.4	28.1	25.8	30.8	24.6	92	93	79	76	80	87	------
22	58.84	59.29	60	57.69	58.10	59.21	25.2	25.6	28.8	30.4	28.5	27.8	30.9	25.1	90	90	80	74	79	83	------
23	58.33	57.93	58.62	55.95	55.05	54.45	27.4	27.3	28.5	30.4	28.5	28.1	30.8	27.2	85	85	81	78	85	86	------
24	50.41	45.16	47.44	49.36	53.74	56.39	28	27.7	26	24.9	23.5	22.6	28.2	22.5	86	87	85	92	91	91	21.9
25	55.53	56.62	58.30	56.88	57.90	59.71	24.6	25	29.1	30.5	28.3	26.5	30.9	24.5	90	88	82	78	83	87	------
26	59.34	59.48	59.96	58.25	58.80	60.30	25	24	29.1	30.4	28.1	27.8	30.8	23.9	88	91	81	77	84	84	------
27	59.19	58.95	59.53	57.23	57.61	59.27	26.2	23.7	29.3	31.6	28.9	27.1	32	23.6	88	91	79	70	80	86	------
28	58.41	58.32	59.04	57.10	56.85	58.02	25.4	24.4	28.8	30.3	28	27.6	30.6	24.3	87	90	79	75	79	81	------
29	56.85	57.51	58.71	57.26	57.51	58.76	26.3	25.6	29.6	31.4	28.5	27.2	31.8	25.2	85	88	79	73	80	83	------
30	57.53	57.34	58.30	56.19	56.61	58.20	26	25.6	28.7	30.5	28.6	26.1	30.9	25.5	85	88	.76	70	78	79	------
31	57.94	58.03	59.39	57.68	58.01	59.85	25.1	25	28.6	31.3	28.5	26.5	31.7	24.9	85	85	75	71	79	81	------
Mean	56.17	56.21	57.33	55.57	56	57.23	25.3	24.9	28.5	29.8	27.9	26.3	30.3	24.4	89.7	90.7	82.6	78.1	82.8	86.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	506

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	1	S	1	NbyE	2	NNW	3	WNW	2	SSE	1	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
2	S	1	S	2	NW	2	WNW	3	WNW	3	W	3	10	Ci.-S.	Cu.-N.	10	------	Cu.-N.
3	SSW	1	SbyE	1	SSE	2	W	5	SSW	1	SSE	2	10	------	Cu.-N.	10	------	Cu.-N.
4	SSE	1	SSE	2	SW	3	W	3	SW	1	S	1	9	Ci.-S.	Cu.-N.	10	------	Cu.-N.
5	WNW	1	NW	1	NE	2	NNE	2	NW	4	WNW	4	10	------	Cu.-N.	10	------	Cu.-N.
6	WNW	7	WSW	5	SSW	5	SSW	5	SSW	3	S	1	10	------	Cu.-N.	10	A.-Cu.	Cu.-N.
7	SSE	1	SSE	2	SE	4	SW	2	SE	1	SSE	4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
8	SSE	1	SSE	2	ESE	4	S	1	SW	1	SSE	1	10	------	Cu.-N.	10	------	Cu.-N.
9	S	1	Calm	----	NbyE	3	NNE	2	WSW	1	SSW	4	10	------	Cu.-N.	9	Ci.-S.	Cu.-N.
10	ESE	1	SSE	1	NNW	2	NNW	3	NW	3	SSE	1	2	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
11	SSE	1	SSE	1	NE	2	NbyE	2	Calm	----	SE	1	9	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N.
12	SE	3	ESE	1	SE	3	NNE	3	NE	3	E	1	2	Ci.	S.-Cu.	3	Cii-S.	Cu.-N.
13	SSE	1	SbyE	1	SSE	2	WNW	3	WNW	3	W	2	2	------	S.-Cu.	3	------	Cu.
14	SSE	1	S	1	ESE	3	N	3	NNE	3	NE	2	2	Ci.	Cu.	3	Ci.	Cu.
15	SSE	1	S	1	SE	2	NW	3	NbyE	2	S	1	2	Ci.	Cu.	8	Ci.	Cu.
16	Calm	----	NNE	3	NNE	4	NbyE	7	NbyE	7	N	9	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. N
17	NNW	8	NNW	7	NNW	8	WNW	10	WNW	10	WSW	11	10	------	N.	10	------	N.
18	SW	12	SSW	10	SW	7	SW	6	SW	5	SSW	4	10	------	N.	10	------	Cu.-N.
19	SSW	5	SSE	4	SSE	2	S	5	S	1	SSE	2	10	------	Cu.-N.	10	Ci.-S.	Cu.-N.
20	S	1	SSE	2	S	2	NNE	2	S	1	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
21	SSE	1	S	1	E	3	NNE	3	N	2	S	1	7	Ci.-S.	Cu.	9	Ci.	Cu.-N.
22	Calm	----	Calm	----	NNE	3	NNW	3	NW	4	NNE	4	10	Ci.-S.	S.-Cu.	3	Ci.	Cu.
23	NNE	4	NNE	6	NNE	5	N	4	NNW	4	N	7	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
24	N	7	NNE	10	ESE	12	SE	11	SE	6	SSE	5	10	------	Cu.-N.	10	------	N.
25	SSE	6	SSE	5	SSE	5	SE	4	S	1	S	2	10	------	Cu.-N.	10	Ci.-S.	Cu.-N.
26	SSE	1	Calm	----	SE	2	NNE	2	NNE	4	NNE	2	10	Ci.-S.	S.-Cu.	8	Ci.	Cu.
27	ESE	1	SSE	1	SE	3	ESE	2	NNE	1	SE	1	10	Ci.-S.	S.-Cu.	9	A.-Cu.	Cu.
28	ESE	1	SSE	1	E	2	N	3	NNE	3	NNE	2	9	Ci.-S.	S.-Cu.	8	Ci.	Cu.-N.
29	Calm	----	SE	3	ESE	4	SE	4	SSE	2	SE	2	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
30	SE	4	SSE	1	SE	3	ESE	2	SSE	1	SE	4	10	------	Cu.-N.	10	Ci.-S.	Cu.
31	SSE	2	SSE	1	SE	4	SSE	5	S	2	SSE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
Mean	------	2.5	------	2.5	------	3.5	------	3.7	------	2.7	------	2.8	8.5	------	------	8.5	------	------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 8.5 meters; gravity correction not applied, —1.65 mm.]

NOVEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.01	59.17	60.20	58.36	58.39	60.04	25	24.6	29.1	31.2	28.5	25	31.6	24.3	82	84	71	68	74	94	28.2
2	58.99	59.27	59.99	58.19	58.22	59.23	23.8	23.1	28.8	30.4	28.1	27.2	30.8	23	92	91	76	70	77	81	------
3	58.64	59.08	59.95	57.90	57.90	59	25.2	23.4	28.5	30.3	28.5	25.5	30.7	23.3	88	90	75	72	78	87	------
4	57.98	58.54	59.05	57.06	56.86	58.04	24	23	28.9	30.2	28.2	27.1	30.6	22.9	88	90	75	70	76	82	------
5	57.54	57.88	58.79	56.84	57.29	58.50	25.1	23.6	28.7	30.4	28.5	27.3	30.7	23.5	88	89	72	70	75	80	------
6	57.41	57.72	58.65	55.60	55.99	57.07	26.8	25	29.6	29.8	28.6	27.1	30.1	24.9	85	85	77	74	75	84	.8
7	55.51	55.26	56.08	53.53	53.62	54.45	25.4	25.3	27.6	29	26.5	24.8	29.3	24.7	88	89	84	83	88	90	3.6
8	52.85	53.64	55.16	53.61	54.75	56.17	24.8	26.5	28.5	30.9	27.6	26.5	31.4	24.7	93	81	75	69	80	81	.8
9	56.05	56.71	58.53	56.78	58.40	60.12	26.1	26.1	29.7	31.6	27.1	25	31.9	24.4	84	84	71	71	87	92	25.1
10	58.77	59.39	60.61	58.75	58.97	60.60	24.1	23.2	27.1	29.6	27.3	26	29.9	23.1	94	95	87	74	86	89	1
11	59.72	59.86	60.95	59.19	59.57	61.31	25.2	24.5	29.6	30.5	28.3	26	30.9	24.4	92	93	72	71	79	89	------
12	60.34	60.75	61.80	59.05	59.10	61.44	24.7	23.6	28.5	29.8	27.5	25.1	30.2	23.5	91	91	76	74	78	87	------
13	60.80	60.47	61.30	59.49	59.44	60.14	24	22.9	28.1	29.6	27.1	25	29.9	22.8	88	90	76	71	80	87	------
14	59.14	58.44	58.97	56.41	56.41	56.47	23.7	23.6	28.6	29.6	28.2	27.6	29.9	23.5	91	92	75	72	77	80	------
15	54.91	54.29	54.37	51.45	51.09	51.79	27.2	26.6	27.6	28.3	27.6	27	28.5	26.5	81	85	83	82	84	84	.3
16	51.85	52.74	53.78	51.74	52.67	53.96	26.3	25.6	28.5	30.8	28.3	27	31.2	25.5	86	88	81	72	76	82	------
17	53.04	53.38	54.35	52.45	53.80	54.69	26.2	25.6	29.3	30.6	26.2	25.5	31	25.2	84	85	71	67	94	84	9.2
18	54.58	54.70	55.83	54.41	55.26	56.33	24.7	24	27.6	29.5	27.5	24.8	29.8	23.9	88	92	80	78	78	87	.3
19	55.79	55.98	56.55	54.80	55.17	56.53	24	23.8	27.5	28.7	25.4	24.1	29	23.7	92	93	78	75	84	88	1.8
20	55.69	55.74	56.71	55.66	56.12	57.27	24	23.8	27.9	26.7	25.6	24.5	28.1	23.7	90	90	75	92	86	91	2.3
21	56.57	57.24	58.50	56.53	57.07	58.57	24.2	23.9	28.5	30.6	27.6	25.1	31	23.8	90	90	75	69	79	88	------
22	58.04	58.30	59.60	57.76	58.31	59.34	23.8	23	29.6	31.4	28.1	25.7	31.9	22.9	90	91	74	68	77	85	------
23	59.02	59.12	59.95	58.17	58.83	60.04	24.6	23.8	28.3	29.6	28.1	26.7	29.9	23.7	87	90	79	75	77	83	------
24	59.29	59.39	60.45	58.17	58.53	59.57	26	25.7	28.2	29.4	27.6	26.4	29.7	25.6	85	86	77	72	79	84	------
25	58.87	59.04	60.57	58.86	58.57	59.77	24.4	22.8	27.6	29.3	27.8	26.6	29.6	22.7	87	89	77	70	75	80	------
26	59.07	59.26	60.36	58.57	58.73	60.21	24.2	22.1	28	29.2	27.4	24.5	29.5	22	86	87	73	70	75	82	------
27	59.48	59.68	60.04	58.44	59.06	60.32	23	21.9	28.7	30.4	27.5	24.6	30.8	21.8	85	87	72	67	74	86	------
28	59.29	59.59	60.86	58.51	58.73	60.22	23.1	23	28.8	30.2	27.8	25.8	30.6	22.9	90	90	73	68	76	86	------
29	59.71	59.70	60.89	59.43	59.24	60.65	24.8	23.7	28.5	30.3	28.2	26.1	30.7	23.6	88	90	78	73	79	81	------
30	60	60.03	61.41	60.03	59.80	61.12	23.9	22.6	28.6	30.3	28.4	25	30.7	22.5	85	88	73	70	76	80	------
Mean	57.60	57.81	58.81	56.86	57.20	58.43	24.7	24	28.5	29.9	27.6	25.8	30.3	23.8	87.9	88.8	76	72.6	79.3	85.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	73.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	2	SE	3	ESE	4	ENE	2	NNE	4	SSE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
2	SE	1	SSE	1	ESE	3	NbyE	3	N	2	NE	3	10	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
3	SE	1	Calm	----	NNE	2	NNW	3	N	2	SSE	1	9	Ci.-S.	S.-Cu.	6	Ci.	Cu.
4	S	1	S	1	NNE	3	N	3	NbyE	3	ESE	1	8	Ci.-S.	S.-Cu.	7	Ci.	Cu.
5	SSE	1	S	1	SE	2	N	2	NNE	3	Calm	----	7	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.-N.
6	Calm	----	S	1	NNE	3	NNE	3	NNE	3	S	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
7	SSE	1	Calm	----	Calm	----	ENE	2	SE	2	SE	2	10	------------	N.-cf.	10	------------	Cu.-N.
8	SSE	2	SE	6	SE	6	SE	5	SSE	4	S	4	10	------------	Cu.-N.	10	A.-Cu.	Cu.-N.
9	SSE	4	SE	3	SSE	4	ESE	3	Calm	----	SSE	2	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
10	SE	1	Calm	----	ESE	3	E	3	EbyN	1	SE	1	10	Ci.-S.	S.-Cu.	10	A.-Cu.	Cu.-N.
11	S	1	SSE	1	SE	4	W	4	SSE	1	SE	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
12	SE	1	SSE	1	N	3	NNE	3	NNE	2	SSE	2	6	Ci.-S.	Cu.	7	Ci.	Cu.
13	S	1	SSE	1	N	3	NNE	3	S	1	SSE	1	5	Ci.	S.-Cu.	9	Ci.-S.	Cu.
14	S	1	S	1	SE	2	NNE	3	NNE	3	NNE	4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
15	NNE	5	NNE	5	NNE	4	NE	6	NE	6	ENE	2	10	------------	N.-cf.	10	------------	Cu.-N.
16	SE	1	SE	4	ESE	4	SE	5	SSE	3	SE	3	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
17	SE	5	SE	4	SE	5	SE	5	SSE	2	SE	5	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
18	SE	2	SSE	3	SE	5	SE	2	S	3	SSE	1	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
19	SE	3	SSE	2	SE	4	SE	2	S	1	E	1	10	Ci.-S.	S.-Cu.	10	------------	Cu.-N.
20	S	1	SE	2	SSE	4	SSW	2	ESE	1	SSE	1	10	Ci.-S.	S.-Cu.	10	------------	N.
21	ESE	2	SSE	2	S	4	SSW	5	S	2	SE	2	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
22	SSE	1	SSE	2	SE	3	WSW	4	SSW	1	SSW	1	8	Ci.-S.	S.-Cu.	9	Ci.	Cu.-N.
23	SSW	1	Calm	----	NW	2	NNW	3	NNE	4	N	3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
24	NNE	4	NNE	4	NNE	3	NNE	3	N	4	SE	1	10	Ci.-S.	Cu.	10	Ci.	Cu.
25	SSE	1	Calm	----	N	3	NNE	4	NNE	5	NNE	3	7	Ci.	S.-Cu.	4	Ci.-S.	Cu.-N.
26	SSE	1	SbyE	1	NW	2	N	2	NNE	3	SE	1	1	Ci.-S.	S.-Cu.	3	A.-Cu.	Cu.
27	SSE	1	S	1	SE	3	NNE	3	NNE	2	SE	1	3	Ci.-S.	S.-Cu.	9	Ci.	Cu.
28	SSE	1	S	1	WNW	2	NW	3	WbyS	1	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
29	SE	1	SSE	1	SE	2	N	2	NW	2	SE	1	10	------------	Cu.-N.	8	A.-Cu.	Cu.-N.
30	S	1	SSE	1	SE	3	N	3	NNE	2	SE	1	7	Ci.-S.	S.-Cu.	5	A.-Cu.	Cu.-N.
Mean	------	1.6	------	1.8	------	3.2	------	3.2	------	2.4	------	1.7	8.7	------------	------------	8.6	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 8.5 meters; gravity correction not applied, —1.65 mm.]

DECEMBER, 1909.

Day.	Atmospheric pressure, 700 mm. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.05	60.24	61.03	59.43	59.79	60.95	23.4	21.8	28.6	29.9	27.8	25.5	30.3	21.7	83	86	73	68	75	80	------
2	59.76	60.27	61.09	58.70	58.56	59.25	24	23.5	28.7	30.1	27.7	26.2	30.4	23.4	84	86	73	69	76	79	------
3	58.75	58.60	59.44	57.37	57.82	58.55	24.1	22.3	28.3	29.6	27.7	26.1	29.9	22.2	85	89	75	71	76	79	------
4	57.22	57.09	57.91	55.77	56.05	57.37	24.9	21.5	28.2	29.4	27.3	25.6	29.7	21.4	82	87	72	67	76	82	------
5	56.89	56.96	57.87	56.30	56.56	58.14	23	21.8	28.8	30.9	27.8	23.4	31.2	21.7	84	87	71	65	71	76	------
6	57.50	57.99	59.13	57.25	57.12	58.14	22.2	21.9	27.6	29.2	26.8	23.4	29.4	21.8	81	82	73	68	76	80	------
7	57.96	58.62	59.41	57.55	57.54	58.31	22.2	21	28.6	29.5	26.7	22.9	29.8	20.9	81	83	67	64	72	79	------
8	57.74	57.65	58.74	56.78	56.81	57.57	21.6	19	26.9	28.7	26.5	25.6	28.9	18.8	85	90	71	66	74	78	------
9	57.46	57.49	58.53	56.55	56.60	57.79	22.7	19.9	28.9	30.4	27.6	25.9	30.6	19.8	83	90	78	72	80	87	------
10	57.08	56.86	58.27	55.91	56.32	57.64	23.9	22	28.5	30.1	27.8	26	30.4	21.9	89	91	79	74	79	85	------
11	56.82	56.88	58.01	55.94	57.24	58.73	25.4	24.5	27.3	30	24.2	24	30.4	23.9	86	88	76	68	90	91	10.9
12	57.44	57.19	58.81	56.78	57.21	58.48	23.8	23.6	26.6	28.6	27.1	26.3	29	23.4	92	92	84	76	83	86	37.1
13	57.91	58.28	59.80	58.16	58.29	59.69	23.9	23.9	27.1	28.2	26.5	25.9	28.5	23.8	97	97	83	77	82	84	------
14	58.87	59.03	59.51	57.43	58.08	59.65	24.9	23.4	27.6	29.3	27.5	24.6	29.6	23.2	87	90	77	70	76	83	.8
15	59.40	60.20	61.03	59.47	59.77	61.07	23.6	23.2	26.6	27.8	27.1	24.7	28.1	23	89	90	81	76	78	87	.1
16	60.32	60.38	61.47	59.40	59.09	60.32	22.8	21.7	27.8	28.8	27.3	26.6	29.2	21.4	90	91	78	73	77	80	------
17	59.52	60.06	61.29	59.02	59.72	60.84	26	23.9	27.4	29	27	25.1	29.4	23.8	84	91	80	74	80	84	.3
18	59.85	59.86	61.19	59.07	59.47	60.66	23.8	24	27.1	28.2	27	25.5	28.5	23.7	88	88	78	73	77	80	------
19	59.77	59.99	61.17	58.96	59.27	59.95	23.9	21.6	25.6	27.3	25.7	24.9	27.6	21.4	86	87	75	68	73	76	------
20	59.76	60.01	60.42	58.34	58.09	58.89	21.8	18.8	26.6	27.8	26.5	25.7	28.1	18.6	81	88	77	72	75	78	------
21	58.05	58.25	59.69	57.40	57.73	58.84	23.8	23.3	27	28.2	26.7	26	28.5	23.2	80	83	78	72	78	80	------
22	57.79	58.14	59.82	57.76	58.19	59.37	22	20.6	27.8	28.8	26.3	25	29.2	20.4	84	86	69	70	76	77	------
23	58.72	58.96	60.46	59.02	59.09	60.06	23.4	22.5	27.3	28.4	26.7	26.1	28.8	22.4	85	89	77	71	76	77	------
24	59.46	59.86	61.64	60.57	60.85	61.30	25.3	23	26.6	27.9	24	23	28.3	22.9	80	84	75	69	83	88	------
25	61.06	61.48	62.84	61.11	61.62	62.42	23.3	22	26.9	28.2	26.7	26	28.5	21.8	86	88	75	69	75	78	------
26	62.03	61.97	63.11	61.61	61.82	63.06	23.5	21	27.6	29	26.8	22.6	29.2	20.8	81	83	74	68	75	76	------
27	62.56	62.78	64.36	62.60	63.19	64.79	21.4	20.3	26.9	29.6	26.5	23.1	29.9	20.1	78	82	72	63	74	81	------
28	64.02	63.68	64.67	62.43	62.40	63.34	20.7	20.3	28	30	27.1	25	30.4	20.1	82	84	71	65	75	83	------
29	62.57	62.14	63.01	60.89	60.87	61.45	23.6	21.1	28.5	30.5	27	24.6	30.8	21	86	90	70	64	71	79	------
30	60.71	60.72	61.40	58.81	59.08	60.61	23	23.1	27.6	28.6	27.1	26.7	28.9	22.9	87	87	79	76	80	82	------
31	59.88	59.92	60.32	58	58.37	59.71	24.2	22.2	28.1	29.9	27.2	26.2	30.3	22.1	86	93	78	69	80	84	------
Mean	59.26	59.40	60.50	58.53	58.79	59.90	23.4	22	27.6	29.1	26.8	25.1	29.4	21.9	84.9	87.8	75.5	69.9	77.1	81.3	----
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	49.2

Day.	Wind. 2 a. m. Direction.	Force.	6 a. m. Direction.	Force.	10 a. m. Direction.	Force.	2 p. m. Direction.	Force.	6 p. m. Direction.	Force.	10 p. m. Direction.	Force.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	2	SSE	1	S	3	NNE	3	NNE	3	SE	1	2	Ci.-S.	S.-Cu.	6	Ci.	Cu.
2	SE	1	SSE	1	SE	3	NNE	3	NNE	3	NE	1	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
8	Calm	----	SSE	1	NNE	2	NNE	3	NNE	4	NNE	4	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
4	S	1	S	1	ESE	3	N	3	NNE	3	SSE	1	10	Ci.-S.	S.-Cu.	5	Ci.	Cu.
5	SE	2	SSE	1	ESE	2	ESE	3	NNE	3	SE	2	10	Ci.-S.	S.-Cu.	3	Ci.	Cu.
6	SE	2	SSE	2	SE	3	N	3	NNE	4	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
7	SE	2	SbyE	1	ESE	3	NNE	3	NNE	4	S	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
8	SSW	1	Calm	----	SE	3	NNE	3	NE	2	NE	3	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
9	SSE	1	S	1	ESE	2	N	3	NE	4	SSE	1	8	Ci.-S.	S.-Cu.	10	A.-Cu.	Cu.-N.
10	S	1	Calm	----	ESE	2	NNE	3	S	1	SE	1	10	Ci.-S.	S.-Cu.	10	A.-Cu.	Cu.
11	SSE	1	SE	2	SE	4	WSW	3	SW	1	SE	1	10	------------	Cu.-N.	10	A.-Cu.	Cu.-N.
12	SSE	1	SE	2	SSE	2	NNE	2	NNE	4	NE	3	10	------------	Cu.-N.	10	A.-Cu.	Cu.-N.
13	ESE	1	Calm	----	NNE	3	NNE	5	NNE	6	NNE	5	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
14	E	1	Calm	----	NNW	2	N	3	NNE	2	SE	1	10	------------	Cu.-N.	5	Ci.-S.	Cu.
15	SSE	1	SE	2	ENE	3	E	2	NNE	2	SE	1	10	------------	N.	10	Ci.-S.	Cu.-N.
16	SSE	1	S	1	NNE	3	NE	2	NNE	3	NE	3	10	Ci.-S.	Cu.	6	Ci.-S.	Cu.
17	Calm	----	Calm	----	NE	2	NNE	3	E	1	SE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
18	SSE	2	SE	2	ESE	2	NbyE	3	NNE	3	SE	1	10	Ci.-S.	Cu.-N.	10	A.-Cu.	S.-Cu.
19	SSE	1	SSE	1	NNE	4	NNE	3	NNE	4	NE	4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
20	ESE	1	SSE	1	ENE	2	NNE	2	NE	3	NE	2	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
21	ENE	1	NNE	4	NNE	4	NNE	3	NNE	4	ENE	1	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
22	SE	1	SSE	1	SSE	3	NNW	3	NE	2	NE	3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
23	SSE	1	Calm	----	NNW	2	N	3	NNE	3	NNE	3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
24	E	1	ESE	2	SE	2	ESE	2	SE	3	SSE	1	10	------------	S.-Cu.	10	------------	Cu.-N.
25	Calm	----	SSW	1	ESE	3	NNE	4	NNE	4	NNE	4	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
26	SSE	1	S	2	SSE	2	N	4	NNE	5	SE	2	2	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
27	SSE	2	SbyE	2	SE	4	ESE	4	NNE	2	SE	1	3	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
28	SSE	1	S	2	SE	4	E	3	NE	2	SE	1	3	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.-N.
29	SSE	1	S	1	SSE	4	SE	4	SSE	2	SSE	4	4	A.-Cu.	S.-Cu.	10	A.-Cu.	Cu.-N.
30	SSE	2	SE	2	NE	3	NNE	3	NNE	2	NE	3	1	------------	S.-Cu.	1	------------	Cu.
31	Calm	----	Calm	----	ESE	4	NNE	4	NNE	4	ESE	1	8	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
Mean	-------	1.1	-------	1.2	-------	2.8	-------	3.1	-------	3	-------	2	8.4	------------	------------	7.8	------------	------------

BAGUIO.[a]

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.66 mm.]

JULY, 1909.

Day.	Atmospheric pressure, 600 mm.+[b] 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*
1	35.18	35.25	35.71	34.71	34.27	35.34	16.4	17.2	20.2	21.3	17.1	17.2	23	15.5
2	34.60	34.42	34.99	34.32	34.83	36.01	16.8	18	21.5	22.2	17.6	17.6	22.5	15.4
3	34.80	34.79	35.40	34.78	35.14	36.38	17.3	17.8	20.1	21.4	17.5	17.5	23	14.9
4	35.77	35.27	35.90	35.32	35.14	36.64	17.1	17.5	20.3	21.9	18.9	17.8	21.9	15.1
5	35.80	35.60	35.97	35.57	35.49	36.60	16.6	17	21.4	21.8	18.9	16.9	23.5	15.3
6	36.02	35.80	35.99	35.49	35.04	35.66	16.6	16.9	19.5	20.6	18.9	17	21.5	15.4
7	34.83	34.80	35.05	34.75	34.52	34.97	16.2	16	17.6	18	17.4	16.2	19.1	15
8	34.57	34.40	34.72	34.24	34.32	35.24	15.9	16	19	17.6	17.2	16.5	20.1	14.8
9	34.76	34.64	34.99	34.32	34.59	35.51	16	15.9	18.2	18.7	16.6	16.7	19.7	13.9
10	35.14	34.76	35.29	34.70	34.62	35.74	16	17	20.2	19	16.5	17.3	22.8	15.1
11	35.03	34.92	35.07	34.62	34.70	35.68	16.7	16.6	20.5	21	18.1	16.5	22	15.5
12	34.70	34.55	34.85	33.86	33.93	35	16.4	16.6	19.3	17.6	16.1	15.4	20.9	14.9
13	33.79	32.83	33.43	33.02	32.90	34.80	15.7	16	16.4	16.4	16	15.8	16.7	15
14	33.95	84.53	35.35	34.86	34.92	36.50	15.6	15.4	15.6	17	16.5	16.3	18	14.6
15	35.30	35.90	36.76	36.50	36.49	38.20	16	16	18.7	20.4	17	16.4	23.1	14.8
16	37.10	37.22	37.71	37.07	36.80	37.36	16.7	17.6	19	20.9	17.4	16.7	21.1	15.3
17	35.88	35.32	35.40	34.86	34.68	35.75	16.6	17.2	20	17.9	17	16.5	22.9	15.4
18	34.90	34.84	35.20	34.88	35.07	36.60	16.6	16.5	20.2	20.2	17.2	17.2	21.4	15.4
19	35.92	36.04	36.26	35.93	36.29	37	16.4	16.6	19.6	22	16.6	16.5	22.9	15.7
20	36.44	36.65	36.97	36.29	36.24	37.16	16.2	17.3	19.1	17	16.3	16.3	20.8	15
21	36.07	35.68	36.13	35.31	35.39	36.10	16.3	16.9	19.9	18.9	16.2	15.9	20.9	14.7
22	35.07	35.10	35.49	34.82	34.98	35.73	15.6	16.6	18.6	18.5	16.7	16.8	21.4	15
23	34.92	35.24	35.92	34.98	35.15	35.80	16.5	16.9	20	19.4	17.9	17.3	22.4	15.8
24	34.98	34.94	35.20	34.16	34.26	34.90	16.7	16.2	20.5	19.2	17.5	16.8	23.5	15.8
25	33.80	33.63	34.07	33.49	33.66	34.38	16.8	17	19.5	17.3	17	16.5	21.9	15
26	33.15	32.98	33.32	32.31	32.25	32.75	16.3	16	17.7	17.3	16.6	16.9	19.2	14.9
27	31.45	31.25	31.70	30.64	30.17	30.85	17.1	16.9	17.4	17.5	16.5	16.9	17.9	15.3
28	29.25	29.38	29.66	28.66	27.69	27.80	16.5	16.4	17	16	16.1	16.7	17.4	14.5
29	25.90	24.98	27.69	28.07	30.04	31.98	-----	-----	-----	-----	-----	-----	-----	-----
30	31.92	33.09	34.48	34.67	34.66	35.50	-----	-----	-----	-----	-----	-----	18.3	-----
31	34.88	35.20	35.99	35.62	35.39	36.29	-----	-----	-----	-----	-----	-----	22.7	-----
Mean	34.38	34.32	34.86	34.28	34.31	35.30	16.4	16.7	19.2	19.2	17.1	16.7	21.1	15.1
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Day.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Rain, 24 hrs. beginning 6 a. m.
	P. ct.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	-----	-----	-----	-----	-----	-----	14.5
2	-----	-----	-----	-----	-----	-----	8.1
3	-----	-----	-----	-----	-----	-----	18
4	-----	-----	-----	-----	-----	-----	-----
5	-----	-----	-----	-----	-----	-----	1
6	-----	-----	-----	-----	-----	-----	6.4
7	-----	-----	-----	-----	-----	-----	.5
8	-----	-----	-----	-----	-----	-----	.8
9	-----	-----	-----	-----	-----	-----	3
10	-----	-----	-----	-----	-----	-----	13.7
11	-----	-----	-----	-----	-----	-----	43.2
12	-----	-----	-----	-----	-----	-----	99.1
13	-----	-----	-----	-----	-----	-----	37.8
14	-----	-----	-----	-----	-----	-----	1.3
15	-----	-----	-----	-----	-----	-----	3.3
16	-----	-----	-----	-----	-----	-----	-----
17	-----	-----	-----	-----	-----	-----	2.8
18	-----	-----	-----	-----	-----	-----	5.6
19	-----	-----	-----	-----	-----	-----	31.2
20	-----	-----	-----	-----	-----	-----	38.6
21	-----	-----	-----	-----	-----	-----	39.3
22	-----	-----	-----	-----	-----	-----	7.6
23	-----	-----	-----	-----	-----	-----	11.4
24	-----	-----	-----	-----	-----	-----	20.3
25	-----	-----	-----	-----	-----	-----	28.7
26	-----	-----	-----	-----	-----	-----	79
27	-----	-----	-----	-----	-----	-----	142.2
28	-----	-----	-----	-----	-----	-----	173.5
29	-----	-----	-----	-----	-----	-----	327.7
30	-----	-----	-----	-----	-----	-----	43.7
31	-----	-----	-----	-----	-----	-----	1.5
Mean	-----	-----	-----	-----	-----	-----	-----
Total	-----	-----	-----	-----	-----	-----	1203.8

Day.	Wind. Direction. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Total movement in 6 hours. 6 a. m.	Noon.	6 p. m.	Midnight.	Total movement in 24 hours.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*
1	E	ESE	S	SW	W	E	93.9	56.6	84.7	101.9	337.1
2	S	E	SE	SW	S	E	53.6	74	90.6	63.6	281.8
3	SE	E	SSW	SWbyW	SW	SE	80.7	71	102.5	79.1	333.3
4	SE	NNE	E	SSW	W	E	89.6	103	65	-----	-----
5	E	ESE	ENE	E	W	E	129.5	102.2	73.5	55.8	361
6	E	E	E	E	E	S	110	173.5	87.5	56.8	427.8
7	E	E	E	E	E	E	195.8	194.4	156.1	174.9	721.2
8	E	E	E	E	E	E	165.7	233.3	236.5	208.7	844.2
9	E	E	SE	SSE	SSW	ESE	202.9	164.4	103.5	81.8	552.6
10	SE	ESE	SSE	WSW	S	W	69.8	57.1	90.6	60.7	278.2
11	Calm	Calm	W	W	WNW	W	45.1	67.6	132.8	-----	-----
12	W	WNW	W	W	W	NW	-----	83.4	-----	-----	-----
13	NW	W	SW	SSW	SE	SW	181.3	166.7	100	124.2	572.2
14	E	ESE	E	E	E	E	110.7	144.6	135.2	159.3	549.8
15	E	E	E	WSW	NW	N	106.2	117.5	88.5	62.8	375
16	E	N	WSW	WNW	NE	N	45.1	86.9	98.5	66.5	297
17	N	NE	E	E	SE	E	85.6	98.7	144.2	193.4	521.9
18	E	E	E	E	E	E	100.6	134.9	102.7	135.8	474
19	E	ESE	ESE	WSW	E	SW	176	175.1	89.3	85	525.4
20	E	SE	WSW	WSW	N	NW	63.3	62.8	87.9	40.7	254.7
21	W	S	WSW	WSW	N	S	30.1	54.2	83.4	36.7	204.4
22	S	SW	WSW	WSW	NE	SE	43.1	59.3	84.7	63.1	250.2
23	SSE	E	E	SW	ESE	SE	161.7	137.6	61.7	121.5	482.5
24	E	E	ESE	WSW	Calm	E	122.9	112.5	67.6	54.1	357.1
25	W	NW	WSW	WSW	W	NW	42.4	73.7	113.2	86.9	316.2
26	NW	NW	WSW	WSW	W	W	91.7	100.3	214	238.1	644.1
27	WSW	SW	SW	SW	WSW	SW	347.8	317.3	393.1	312.9	1,371.1
28	WSW	WSW	SW	SW	W	SW	240.9	305.9	440.9	421.4	1,409.1
29	SW	WSW	W	WSW	W	W	-----	-----	-----	-----	-----
30	W	W	W	W	W	W	-----	-----	-----	-----	-----
31	W	W	W	W	W	E	-----	-----	-----	-----	-----
Mean	-----	-----	-----	-----	-----	-----	118	126	130.7	123.4	509.7

Day.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
	0–10			*0–10*		
1	7	Ci.-Cu.	Cu.	6	-----	Fr.-N.
2	1	Ci.	Cu.	9	-----	Fr.-N.
3	3	Ci.	Cu.	9	Ci.	Fr.-N.
4	9	Ci.-S.	S.-Cu.	10	-----	S.-cf.
5	6	A.-Cu. ENE	Cu.	9	Ci.-S.	Fr.-N. E
6	10	A.-S.	Fr.-N.	10	Ci.-S.	Fr.-N.
7	10	-----	N.	10	Ci.-S.	N.
8	10	Ci.-S.	Fr.-N. ESE	10	A.-Cu.	Fr.-N. ESE
9	9	A.-Cu.	S. ESE	10	A.-S.	Fr.-N. SE
10	9	Ci.-S.	Fr.-N.	10	-----	N. WSW
11	5	Ci.	Cu.	9	A.-Cu.	Fr.-N.
12	1	Ci.	Cu.	10	-----	N.
13	10	-----	N.	10	-----	N.
14	10	-----	N.	10	A.-S.	Fr.-N. SE
15	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Cu.
16	3	Ci.	Cu.	10	-----	Fr.-N. N
17	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N. E
18	9	A.-Cu.	S.-Cu. SE	9	Ci.-S.	S.-cf. SE
19	9	Ci.	S.-Cu. ESE	10	Ci.-S.	N. SSE
20	10	Ci.-S.	Cu.	10	-----	N.
21	7	Ci.-Cu. NW	Cu.	10	-----	N.
22	4	Ci.	Cu.	10	-----	-----
23	9	A.-Cu. SSE	Cu.	10	-----	N.
24	7	Ci.-S.	Cu.	10	-----	N.
25	6	Ci.	S.-Cu. NW	10	-----	N.
26	10	A.-S.	S.-Cu.	10	-----	N.
27	10	-----	N.	10	-----	N.
28	10	-----	N.	10	-----	N.
29	10	-----	N.	10	-----	N.
30	10	-----	N.	10	-----	-----
31	9	-----	S. WNW	10	-----	-----
Mean	7.8	-----	-----	9.7	-----	-----

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[a] This station was raised to first class on July 1, 1909. The observations for January to June will be found further on among the observations of third-class and rain stations.

[b] The barometric readings of this station are not reduced to sea level.

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1512.5 meters; gravity correction not applied, —1.66 mm.]

AUGUST, 1909.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	35.58	35.37	35.86	35.46	34.98	35.90	-----	-----	-----	-----	-----	-----	22.6	15.3	-----	-----	-----	-----	-----	-----	24.1
2	34.89	34.87	34.99	34.79	34.40	35.44	-----	-----	-----	-----	-----	-----	19.7	16	-----	-----	-----	-----	-----	-----	22.3
3	34.96	34.48	34.86	34.53	34.31	35.53	-----	-----	-----	-----	-----	-----	22.4	15.6	-----	-----	-----	-----	-----	-----	11.7
4	34.75	34.86	35.13	34.62	34.81	35.84	15.5	16	20.8	18.3	17	16.3	22	15.2	100	100	94	99	100	100	18
5	35.17	34.99	35.57	34.93	35.01	36.05	16.1	15.9	19.1	19	16.7	16.9	20.3	14.8	99	100	97	100	100	99	57.6
6	35.29	35.31	35.75	35.45	35.50	36.86	15.7	16.2	18.4	18	17.2	17	19.3	15.6	100	100	100	100	100	100	22.4
7	36	35.94	36.38	35.78	35.87	37.05	16.6	16.8	18.1	18.7	17.2	16.5	20.7	16.5	100	100	100	100	100	100	2
8	36.32	36.28	36.72	36.44	36.28	37.31	16.4	16.2	19	19	17.2	16.6	20.5	15.8	100	100	96	98	89	73	-----
9	36.37	36.63	37.20	36.83	36.96	37.70	16.6	14.8	17.2	18.3	17	16.4	20	14.5	82	100	100	99	100	100	-----
10	36.74	36.96	37.32	36.79	36.81	37.91	15.9	15.9	19.5	20	17.6	15.5	21.4	15.6	100	100	90	89	100	100	1.5
11	37.21	36.91	37.52	36.53	36.14	37.42	15.6	15.7	20	22.2	17.8	16.7	22.9	14.5	100	100	83	81	100	90	.5
12	36.10	36.08	36.63	35.99	35.43	36.55	15.9	15.8	19.9	21.4	18.2	17.5	22.9	15	100	98	78	82	100	100	-----
13	35.99	36.25	37.26	36.74	36.74	38.05	17.5	16.8	19.9	22.1	19.2	18	23	16	100	100	98	83	96	96	-----
14	37.25	36.96	37.59	36.93	37.03	37.92	17.3	17.5	21.3	20	17.9	17.2	23.7	16.3	96	90	84	97	96	89	8.4
15	37.21	36.60	37.12	35.93	35.90	36.66	17.4	17	20.1	21.6	17.8	17	22.6	16.4	83	84	82	91	96	90	.8
16	36.02	35.65	35.94	35.39	34.57	35.53	15.5	16	20	18.1	17.1	16.3	23	15.4	100	95	87	100	100	100	8.1
17	34.79	34.95	35.82	35.14	34.99	36.52	16.8	16.9	19.9	20	17	16.4	21.5	15.7	96	100	87	92	100	100	4.3
18	36.04	35.76	36.85	35.82	36.23	37.10	15.9	16.1	19.5	19.2	16.3	16.7	20.9	15.5	100	97	93	100	100	95	22.6
19	36.54	36.38	37.11	36.22	36.30	37.58	15.8	16.1	21	22.3	16.2	16.5	22.7	15	100	97	77	80	98	90	24.6
20	36.36	36.53	36.80	35.72	35.80	36.69	17.1	16.7	20.2	19	17.1	16.8	22	15.7	79	78	80	98	100	96	8.9
21	35.97	36.15	36.93	36.49	36.26	37.44	16.7	16.2	19.2	17.8	18	17.9	21.8	15.5	89	88	93	100	80	87	4.1
22	36.82	36.70	37.09	36.19	36.41	37.80	16.4	17.5	21	21.5	19	17	22.5	15.9	95	85	77	95	92	89	19.3
23	36.89	36.77	37.45	36.65	36.56	37.56	16.8	17.4	20	22.4	20	18.8	24.2	15.2	90	85	91	93	91	94	-----
24	36.76	36.86	37.24	36.75	36.89	37.10	17	17.6	20	22.3	17.7	18.5	23.7	16.2	100	91	97	84	97	87	1.8
25	36.62	36.73	37.08	36.24	36.16	36.46	16.9	16.4	20.3	21	17.8	17.4	23.5	16	100	100	84	95	97	96	2
26	35.87	36.27	36.72	35.38	35.78	36.98	16.4	16.9	21.9	21	17.8	17.7	23.4	16	100	95	65	91	96	92	3.3
27	36.20	36.32	37.24	35.94	36.33	37.30	16.4	17.5	21.4	23.2	16.9	16.9	24	15.5	98	90	69	85	100	89	43.7
28	36.24	36.48	37.10	36.14	35.97	36.90	17	16.5	20.4	21.6	17.8	18.2	23	16	83	84	80	89	87	81	-----
29	36.36	36.12	36.53	35.72	36.20	36.98	16.6	16.5	21.8	19.4	16.7	16.9	23.7	16	95	94	80	99	98	92	10.4
30	36.34	36	36.77	35.95	35.99	36.71	17	16.4	19.9	22	17.5	18	23	15.7	91	96	86	88	96	88	16.3
31	36.02	36.13	36.99	35.90	35.88	36.92	17.3	16.3	19.4	20.1	18.5	17	22.7	16.1	91	97	95	98	99	100	28.2
Mean	36.12	36.07	36.63	35.92	35.89	36.90	16.5	16.5	20	20.3	17.6	17.1	22.2	15.6	95.2	94.4	86.9	93.1	96.7	93.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	366.9

Day.	Wind. Direction.						Wind. Total movement in 6 hours.				Wind. Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	S	WSW	W	W	W	-----	-----	146.1	117.8	-----	2	Ci.	Cu.	10	-----	-----
2	W	W	W	W	W	W	148.3	144.6	176.4	66.2	535.5	10	-----	-----	10	-----	-----
3	W	W	W	W	W	W	30.1	77.2	145.4	111.8	364.5	10	-----	Fr.-N. SW	10	-----	N. WSW
4	W	ESE	WSW	W	W	W	40	71.6	176	78.4	366	9	Ci.-S.	Cu.	10	-----	-----
5	W	E	W	WSW	W	W	39.4	91.2?	-----	138.6		9	Ci.-Cu.	Cu.	10	-----	-----
6	W	W	W	W	WSW	WSW	148.1	154.3	153.9	118.5	574.8	10	-----	-----	10	-----	-----
7	WSW	W	W	WSW	WNW	NW	100.1	116.9	135.2	74	426.2	10	-----	-----	10	-----	-----
8	W	W	WSW	W	WNW	NW	74.3	108.8	137.9	101.9	422.9	10	-----	-----	10	Ci.-S.	N.-cf. W
9	NW	W	WSW	WNW	W	W	81.8	151.1	160.1	136	529	10	Ci.-S.	Cu.	10	-----	N.
10	W	W	W	W	NW	W	130.4	111	131	89.5	461.9	10	-----	-----	10	A.-Cu.	S.-Cu. W
11	W	W	WSW	WNW	W	NW	81.6	94.3	110.5	80.5	366.9	10	-----	-----	10	A.-Cu.	S.-Cu. W
12	NW	W	WSW	W	W	NW	52.1	90.3	118.8	48	309.2	4	Ci.	Cu.	8	Ci.	S.-Cu. WNW
13	W	E	WSW	WSW	E	NE	30.4	47.5	91.4	37	206.3	10	-----	-----	9	Ci.	N.-cf. SW
14	Calm	Calm	WSW	WSW	NNE	NW	28.5	61	105.2	75.3	270	2	Ci.	Cu.	10	-----	-----
15	NW	NW	WSW	WSW	NW	NW	78.3	105.9	122	95.3	401.5	8	Ci.-S.	Cu.	9	Ci.	Cu.-N.
16	W	NW	W	WSW	NW	W	85.9	116.2	113.5	66	381.6	7	Ci.-S.	Cu.	10	-----	-----
17	W	W	W	WSW	WNW	W	82.3	91.4	105.4	82.3	361.4	10	-----	-----	10	-----	-----
18	Calm	NE	WSW	W	SE	E	45.7	59.5	105.6	84.7	295.5	7	Ci.-S.	Cu.	10	-----	N.
19	Calm	SE	SE	WSW	NE	E	67.1	64.1	99.2	83.2	313.6	8	Ci.-S. EbyS	Cu.	9	Ci.	N.
20	E	E	WSW	W	N	E	76.4	70.6	65.8	46.4	259.2	10	Ci.-S.	S.-Cu.	9	Ci.	N.
21	Calm	NNW	WSW	WSW	NE	E	31.2	61.5	91.5	100	284.2	3	Ci.-Cu.	S.-Cu.	10	-----	-----
22	NE	W	WSW	WSW	ESE	SW	37	58.5	89.9	60.6	246	1	Ci.	Cu.	9	-----	Fr.-N.
23	E	NE	WSW	WSW	ENE	S	80.5	56.5	90.6	44.5	272.1	2	Ci.-Cu.	Cu.	9	-----	N.-cf. E
24	Calm	SE	WSW	W	NNW	E	54.9	54.5	95.2	89.5	294.1	1	Ci.	Cu.	10	-----	N. ENE
25	SE	NE	W	WSW	E	SE	35.2	82.6	100.1	92.2	310.1	1	Ci.	Cu.	10	-----	N.
26	E	E	ENE	WSW	SE	E	69	57.1	97.4	75.8	299.3	7	Ci.-S.	Cu.	10	-----	-----
27	E	SE	E	WSW	ENE	E	64.4	61.4	100.6	66.3	292.7	9	Ci.-S.	S.-Cu.	9	A.-Cu.	N.-cf.
28	NE	E	WSW	WSW	NE	SE	40	64.6	81.9	57.9	244.4	8	A.-Cu.	Cu.	9	Ci.	N.
29	Calm	NE	WSW	W	NNE	NE	31.4	66	101.7	66.3	265.4	1	Ci.	Cu.	10	-----	-----
30	NW	N	W	WSW	NE	E	59.7	45.6	110.2	63	278.5	0	Ci.	Cu.	9	Ci.-Cu.	N.-cf. ENE
31	E	NE	WSW	W	W	SW	82.7	60.9	65.4	40.2	249.2	5	Ci.-S.	Cu.	10	-----	N.
Mean	-----	-----	-----	-----	-----	-----	66.9	83.2	114.1	80.2	340.8	6.6	-----	-----	9.6	-----	-----

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.66 mm.]

SEPTEMBER, 1909.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	36.46	36.50	36.88	36.12	36.16	37.10	17	17	20.2	20.4	18.6	18.2	22.9	16.2	99	94	92	95	98	93	5.6
2	36.50	36.20	37.13	36.23	36.18	37.05	17.2	17	21.6	20	18	17.9	22.9	16.9	95	86	69	99	96	86	1.3
3	36.25	36.31	36.53	36.09	36.25	37.10	16.4	17.4	21	19.4	18.4	17.2	22.2	16.4	95	85	82	100	90	94	.5
4	36.20	36.04	36.28	35.02	35.05	36	17.5	16.3	21.4	20.9	17.7	17.5	23.5	16	91	99	74	94	97	95	33
5	35.20	34.96	35.47	34.01	34.47	35.40	16.9	16.5	20.3	17.5	17.1	17.8	23.2	16	96	90	91	92	91	84	26.2
6	34.42	34.44	34.75	33.59	33.42	34.06	16.4	16.1	22.4	20.6	17.6	17.2	22.6	15.5	98	98	70	95	99	99	13.8
7	33	32.84	33.46	33.11	32.90	34	17.2	16.8	20.6	18.5	17.5	17.4	22	16.5	93	93	76	95	100	98	17
8	33	33.18	33.91	32.41	32.54	33.83	17.3	16.5	18.5	21.5	17.5	17.4	21.8	16.4	97	100	92	77	100	98	3
9	33.02	33.29	34.80	33.79	34.30	35.58	16.5	16.4	17.4	19.9	17	16.3	20.9	15.9	100	100	100	86	100	99	5.4
10	34.54	34.88	35.94	35.04	35.20	36.54	16.9	16.9	19.7	18.8	17.5	16.7	21	16.2	93	92	85	100	100	100	18.5
11	34.48	35	35.40	34.16	34.32	35.18	16.4	16	18.8	19.4	16.5	16.2	20.1	15.9	100	100	97	96	100	100	8.2
12	34.22	33.74	34.27	33.31	33.22	34.70	17.2	16.8	19.9	21	17.5	17.4	22.5	16.2	90	95	91	91	100	98	4.9
13	33.98	33.73	34.80	33.43	33.34	34.67	16.6	17	21.6	21.5	18.5	17.8	23.8	15.9	100	95	73	89	100	98	------
14	33.69	33.61	33.90	32.81	32.61	33.79	17.5	17	19.5	22.2	18.5	16.9	22.6	16.7	98	100	99	85	100	100	23.1
15	32.55	32.41	33.52	33	33.10	34.52	16.8	17	18.4	18.6	17.6	17.3	20.4	15.7	100	100	100	94	100	99	7.9
16	34.04	33.95	35.10	34.03	34.11	35.20	16.4	16.7	17.8	16.1	16.5	16.7	18.3	15.6	100	100	100	99	100	100	67.8
17	34.19	33.67	34.25	33.17	32.84	33.21	16.4	16.5	17	16.4	16	15.4	17	14.9	100	100	100	100	100	100	121.6
18	31.87	31.84	32.35	31.18	31	31.88	15.4	16.1	16	17	16.4	16.3	17.3	15	100	100	100	100	100	100	79.7
19	30.86	31.44	32.18	30.88	31.45	32.71	16.3	16.2	17.2	16.8	16.5	16.5	18	15.7	100	100	100	100	100	97	119.4
20	32.07	32.32	33.70	32.57	33.05	33.83	16.3	16.2	16.4	16.5	16	16.2	17.7	15.7	100	100	100	100	100	98	90.7
21	33.61	34.09	35.30	35.03	35.51	36.75	15.8	16.1	16.1	16.8	16.5	16.6	18.2	15.3	100	100	100	97	92	92	7.1
22	35.90	36.54	37.81	37.27	37.44	38.02	16.4	15.9	19.6	22	18.8	17.5	23.1	15.6	97	100	77	69	97	98	------
23	37.80	37.89	38.51	37.26	37.36	37.84	18	16.9	20	19.6	18.8	18.7	22.2	16.1	91	100	95	100	100	91	13.8
24	36.91	37.08	37.89	36.09	35.95	36.74	16.3	17.3	20.6	21.6	19	17.9	24.1	15.3	99	92	74	91	100	98	2.3
25	36.04	35.43	35.95	34.64	34.85	36.05	17.2	17.5	23	21.4	18	17	23.5	15.6	99	83	78	95	100	100	2.3
26	35.36	35.36	36.77	35.83	36.54	37.70	16.4	16.9	20	20.4	17.3	16.6	23.2	15.6	99	94	79	91	92	97	3.8
27	37.74	38.15	39.36	37.93	38.47	39.59	15.9	15.7	20.8	22.4	17	15.5	22.5	14.8	100	100	73	72	90	99	5.8
28	38.41	38.12	39.05	37.84	37.73	37.95	16.7	18	20.4	15.5	16	16.3	22.5	15	86	73	81	100	100	93	54.6
29	36.87	36.48	37.29	35.63	35.73	36.56	16.2	16.5	20.8	21.4	17.5	17.9	22.8	15.5	85	83	83	91	100	88	2
30	35.88	35.90	36.59	35.74	35.90	36.40	16.5	16.8	20	20.5	18.4	17.5	22.8	15.5	94	87	89	86	96	94	.8
Mean	34.84	34.85	35.64	34.57	34.70	35.66	16.7	16.7	19.6	19.5	17.5	17.1	21.5	15.8	96.5	94.6	87.3	92.6	97.9	96.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	740.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	S	SW	WSW	NW	SE	W	55.7	60.6	64.9	59.3	240.5	6	Ci.-Cu.	Cu.	9	Ci.	N.
2	E	E	ESE	WSW	NE	E	74.8	59.3	81.3	54.4	269.8	9	Ci.-S.	Cu.	10	Ci.	N.-cf.
3	E	E	WSW	WSW	NW	N	66.5	72.6	60.7	40.5	240.3	9	Ci.-S.	S.-Cu.	10	------	------
4	SE	E	ESE	W	W	ESE	79.1	75.1	83.4	39.6	277.2	9	Ci.-S.	Cu.	10	------	------
5	W	E	WSW	NW	N	S	63.3	64.7	75.6	49.7	253.3	9	Ci.	S.-Cu.	10	------	------
6	W	E	E	WSW	NE	SE	45.3	50.2	80.8	112	288.3	9	Ci.-S.	S.-Cu.	9	A.-Cu. SE	Fr.-N.
7	E	E	E	ESE	ESE	ESE	224.5	190.9	116.9	133.1	665.4	9	Ci.-S.	N.-cf.	10	Ci.-S.	Fr.-N. SSE
8	E	ESE	ESE	SE	ESE	SE	101.4	101.2	106.7	73.2	382.5	9	Ci.	S. ESE	9	Ci.-Cu.	N.
9	SE	SE	SW	WSW	WSW	SW	62.3	120.2	116.7	77	376.2	9	Ci.-S.	S.-Cu.	10	------	N. SW
10	E	E	SSE	WSW	W	NE	66.6	56.9	134.9	57.9	316.3	9	Ci.-S. W	Fr.-N.	10	------	N.
11	E	E	W	WSW	W	SE	63.8	59	155	49.9	327.7	9	Ci.-S.	S.-Cu. SW	9	A.-Cu.	Fr.-N. SW
12	E	E	WSW	WSW	W	E	74.2	66.8	92.2	58.7	291.9	8	Ci. NE	Cu.	10	------	N.
13	E	E	ESE	WSW	E	SW	70.2	66.5	95.8	39.2	271.7	6	Ci. NE	Cu.	10	------	------
14	NW	SE	SW	WSW	WSW	SW	27.7	51.5	120.7	192.5	392.4	10	------	------	9	Ci.	S.-Cu. W
15	WSW	WSW	WSW	WSW	WSW	WSW	208.2	185	192.9	134.4	720.5	10	------	------	9	A.-Cu.	Fr.-N WSW
16	WSW	Calm	WSW	WSW	W	WSW	88.8	87.9	206.3	162.5	545.5	10	A.-S.	S.-Cu.	10	------	------
17	W	WSW	W	W	SW	E	108.3	258	87.5	41.5	495.3	10	------	------	10	------	------
18	S	W	WSW	W	W	W	78.6	169.4	123.6	168.4	540	10	------	------	10	------	------
19	W	WSW	WSW	WSW	SW	WSW	229.8	134.2	263.4	252.6	880	10	------	N.	10	------	------
20	SW	SW	WSW	W	SW	SW	147.9	187.7	288.2	300.4	924.2	10	------	------	10	------	N.
21	WSW	WSW	SW	SW	E	S	216.1	166.3	109.4	78.4	570.2	10	------	N.	10	------	N. SSW
22	E	E	ESE	E	W	N	114	80.8	56.1	37.5	288.4	8	Ci.-S. NE	Cu.	7	Ci.	Cu. SW
23	S	N	W	W	NE	E	42	50.4	77.5	47.7	217.6	10	------	------	10	------	------
24	NE	NE	E	S	Calm	NE	61.8	62.5	58.9	21.1	204.3	7	Ci.	Cu.	9	A.-Cu.	N.-cf. ESE
25	E	E	SE	WSW	N	E	66.5	53.7	82.9	63.1	266.2	3	Ci.	Cu.	10	------	------
26	NE	SE	E	ESE	ESE	E	84.8	100.1	57.1	98.5	340.5	3	Ci.	Cu.	7	Ci.-S.	N.-cf. SEbyS
27	E	E	ESE	W	E	NE	85.8	72.4	87.5	58.9	304.6	7	------	Cu.	8	Ci.-S.	Cu.-N. SSW
28	E	E	WSW	SW	E	S	85	80.2	95	47.3	307.5	5	A.-Cu.	Cu.	10	------	N.
29	N	W	WSW	WSW	NNE	E	44	56.5	96.1	67.1	263.7	2	A.-Cu. NW	Cu.	8	------	N.-cf. NE
30	E	N	WSW	WSW	W	E	66	69.8	104	35.1	274.9	1	Ci.	Cu.	10	------	N.
Mean	------	------	------	------	------	------	93.4	97	112.4	88.4	391.2	7.9	------	------	9.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	11736.9	------	------	------	------	------	------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.66 mm.]

OCTOBER, 1909.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	35.90	36.02	36.89	35.90	35.90	36.95	17.6	17.9	21.7	20.6	18.3	17.3	23	17	89	80	65	94	80	88	------
2	35.69	35.77	35.68	33.56	33.76	34.45	16.8	16.4	18.4	19	16.4	16.2	21.5	15.9	89	90	95	95	100	99	10.1
3	33.93	33.91	34.72	33.61	33.56	34.75	16.2	15.9	18.9	20.3	16.4	15.9	21	15.9	100	100	96	90	100	100	13
4	33.75	33.75	34.57	33.36	33.47	34.12	15.7	16.4	19.8	18.4	16.7	16.3	21.5	15.4	100	93	88	100	93	92	6.9
5	33.16	33.60	34.24	32.54	32.34	32.75	15.8	15.7	17	16.4	15.7	15.5	18	15.2	94	97	98	100	100	100	139.2
6	30.86	31.57	33.15	32.63	33.61	34.62	16.1	16.4	16.3	16.9	17	16.2	19	15.2	99	100	100	94	78	87	19.8
7	33.82	34.32	35.63	34.52	35.07	36.52	15.9	16.4	20.4	19.2	17.2	17	22.4	15.3	92	90	74	100	100	99	12.2
8	35.87	36.02	36.95	35.93	36.13	37.36	16.3	16.1	21.6	19	17.1	16.2	22.4	15.3	99	100	83	93	98	98	24.4
9	36.59	36.62	37.54	35.61	36.10	37.20	16.1	16.5	19.2	19.5	16.4	15.8	21.9	15.1	97	90	87	95	100	100	6.6
10	36.35	36.35	36.99	35.94	35.65	36.58	15	16.5	20	20.2	18.5	17.9	22.3	14.8	100	94	92	97	99	97	.3
11	35.51	36.03	36.94	35.71	36.14	37.01	17.3	16.4	22	21.9	18.8	17.3	23.5	16.4	92	99	70	68	82	87	------
12	36.77	37.23	38.13	36.80	37.09	38.36	17.5	18.1	22.5	20.7	18.3	17.9	23.9	16.4	80	75	66	96	96	97	------
13	37.73	37.80	38.12	36.76	36.84	37.58	16.9	17.4	20.4	21.4	18.5	18	22.5	16.6	99	90	86	87	97	94	------
14	36.92	36.95	37.39	35.80	35.90	36.46	16.3	16.4	21.4	21.8	18.7	17.3	23	15.8	100	97	83	84	93	98	------
15	35.52	35.68	36.41	35.20	35.14	36	16.6	16.4	20.9	22.2	18.4	17.2	24.1	15.6	92	90	87	84	100	98	6.4
16	34.56	34.52	34.94	32.88	32.76	32.74	16.9	16.5	20.4	19.5	18.3	18.1	22.4	16.4	90	93	86	100	96	85	1.8
17	31.09	29.48	28.10	22.83	20.94	19.88	16.7	16.5	17.4	17.9	17.3	17.2	18.7	16	97	95	100	100	100	100	689.7
18	20.22	23.65	27.92	27.40	29.53	31.84	------	------	------	------	------	------	------	------	------	------	------	------	------	------	51.3
19	31.55	32.36	34.31	33.01	34.18	35.45	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
20	34.82	35.48	36.51	35.09	35.75	37.23	------	------	------	------	------	------	------	------	------	------	------	------	------	------	17.3
21	36.81	37.08	38.15	26.78	37.09	37.80	------	------	------	------	------	------	------	------	------	------	------	------	------	------	1.3
22	37.20	37.41	38.01	36.35	36.61	37.37	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
23	36.43	36.08	36.58	34.50	34.25	33.32	------	------	------	------	------	------	------	------	------	------	------	------	------	------	12.7
24	29.08	23.34	27.89	29.83	32.92	34.63	------	------	------	------	------	------	------	------	------	------	------	------	------	------	72.9
25	34.64	35.15	36.69	36.23	36.54	37.94	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
26	37.24	37.34	37.84	36.91	37.24	38.34	16.4	16.5	20.6	21.5	18.9	17.3	23.1	15.9	93	89	74	73	93	95	------
27	37.54	37.43	37.88	36.63	36.55	37.69	16.8	16.8	20.5	20.3	18.3	17.1	22.2	15.2	89	82	79	73	95	98	------
28	36.82	36.85	37.30	36.30	36.05	36.98	15.2	15.5	20	20.9	18.4	17.6	23.1	14.8	95	89	64	72	88	91	------
29	35.60	36.12	37.08	36.11	36.21	37.02	18.2	17.3	20.4	20.9	18.9	18	23	17	83	88	78	81	89	91	------
30	36.02	35.42	36.29	35.06	35.35	36.40	16.6	16.3	19.3	19.7	17.3	17.1	21.1	15.8	97	84	72	68	83	77	------
31	36.65	36.10	37.13	37.04	36.60	37.67	16.4	15.9	19.7	20.5	17.4	16.5	21.6	15.3	88	93	78	70	88	94	------
Mean	34.67	34.69	35.68	34.41	34.69	35.58	16.5	16.5	19.9	19.9	17.7	17	22	15.8	93.7	91.2	82.7	87.6	93.4	94.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	1085.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	E	SE	W	W	W	31.1	50.7	76.4	39.1	197.3	8	Ci.-S. SE	Cu.	10	------	------
2	W	W	WSW	W	W	W	64.7	80.5	98.7	56.3	300.2	10	Ci.-S.	Cu.	10	Ci.-S.	N. NNW
3	W	S	W	W	W	E	84.2	55.5	77.5	39.7	256.9	10	------	------	10	Ci.-S.	N. W by S
4	NW	W	W	W	NNW	NW	30.4	53.9	77.5	74	235.8	10	Ci.-S.	Cu.	10	------	------
5	NW	NW	NW	NW	NW	W	72.6	86.7	96.8	120.4	376.5	10	A.-S.	Fr.-N. NW	10	------	------
6	SW	SW	SW	SW	SW	E	228.3	143.8	79.1	50.7	501.9	10	------	------	10	Ci.-S.	Fr.-N. sw
7	E	E	E	W	E	E	49.7	39.9	56.6	50.4	196.6	7	Ci.-S.	Cu.	10	------	Fr.-N.
8	W	NE	NW	WSW	W	N	43.5	48.6	68.7	46.4	207.2	10	A.-S.	S.-Cu.	10	Ci.-S.	Fr.-N.
9	W	NW	WSW	WSW	W	NE	43.5	48.8	74.8	60	227.1	9	A.-Cu. ESE	S.-Cu.	10	------	------
10	NE	E	SW	W	Calm	Calm	64.7	55	45.9	32.8	198.4	1	Ci.	Cu.	10	------	------
11	N	E	ENE	E	E	E	42.4	49.1	81.6	157.9	331	7	Ci.	S.-Cu. ENE	9	A.-Cu.	Cu. SE
12	E	E	E	W	W	E	131	76.7	60.4	35.2	303.3	1	Ci.	Cu.	10	------	Cu.
13	Calm	SE	SW	WSW	NE	SW	27.1	51.7	66.5	16.1	161.4	2	------	Cu.	10	------	------
14	Calm	NE	SW	W	Calm	E	36.2	51.7	62.3	40.5	190.7	1	Ci.	Cu.	10	------	Cu.-N.
15	NE	N	W	W	W	N	42.8	52.1	67.9	32.2	195	1	Ci.	Cu.	10	------	S.-Cu. NE
16	W	W	WSW	WSW	WNW	NW	52.1	55.7	57.7	54.5	220	8	Ci.	Cu.	10	------	------
17	N	N	WNW	W	W	W	74.6	306.8	581.7	------	------	10	A.-S.	Fr.-N. N	10	------	N.
18	SW	WSW	SW	SW	SW	------	------	------	------	------	------	10	------	N.	10	------	N. SW
19	------	ESE	SE	S	S	------	------	------	------	------	------	10	Ci.-S.	Fr.-N. SSE	9	Ci.-S.	S.-cu. ssw
20	------	NE	SW	SW	SSE	S	------	------	------	------	------	10	Ci.-S.	Cu.-N.	9	------	Cu.-N.
21	E	SE	SW	SW	NW	SE	------	------	------	------	------	10	------	------	10	------	------
22	Calm	N	WSW	WSW	NW	NE	------	------	------	------	------	10	------	------	9	------	Fr.-N. NE
23	SW	NNW	W	W	N	NE	------	------	------	------	------	9	Ci.-S. ESE	Cu.	10	------	------
24	NE	E	ESE	SE	SE	SE	83.1	181.2	133.6	120.1	518	10	------	N.	10	------	N. SE
25	ESE	SE	ESE	ESE	SSE	E	114.9	105.1	65	45.7	330.7	10	Ci.-S.	S.-Cu. SE	10	Ci.-S.	Fr.-N. SE
26	E	E	E	SW	E	SE	57.1	------	------	106.5	------	8	A.-Cu. ESE	Cu.	4	Ci.	Fr.-Cu. E
27	E	SE	ESE	ESE	SE	E	92.2	173	96.6	79.9	441.7	9	Ci.-Cu.	Cu. SE	6	A.-Cu. ENE	Cu. ENE
28	E	SE	E	SE	SE	E	151.3	147.1	109.6	147.9	555.9	9	Ci.-S.	Cu.	9	A.-Cu.	Fr.-N.
29	E	E	E	SE	E	E	249.7	205.7	85.3	132.3	673	7	Ci.	S.-Cu.	10	Ci.-S.	N.-cf.
30	E	E	E	E	E	E	270	314.6	260.7	283.4	1,128.7	10	Ci.-S. E	S.-Cu.	6	Ci.	Cu. E
31	E	E	E	ESE	ESE	SE	252.4	221.3	126.1	131	730.8	8	Ci.	S.-Cu.	7	A.-Cu.	Cu.-N.
Mean	------	------	------	------	------	------	95.6	110.6	108.6	81.4	368.6	7.9	------	------	9.3	------	------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.66 mm.]

NOVEMBER, 1909.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	36.81	37.21	38.19	36.89	36.92	37.84	15.9	15.5	19.9	21.6	17.9	17	23	15.3	95	98	78	88	99	91	1.5
2	36.80	37.20	37.71	36.70	36.57	37.31	16.4	16.2	20.9	20.7	18.4	17.3	22.9	14.7	87	83	62	88	98	92	------
3	36.50	36.88	37.74	36.45	36.49	37.28	16.5	17.5	21.8	21.4	18.4	17.3	23.2	15.9	85	66	74	85	91	86	------
4	36.36	36.86	37.24	35.99	35.89	36.75	15.8	16.4	22.4	21.5	18.1	16.7	------	15.1	98	90	65	85	89	95	------
5	36.15	36.10	36.84	35.48	35.90	36.89	15.9	15.9	20.9	22.2	17.5	16.5	------	14.6	99	99	71	84	99	100	------
6	36.01	36.03	36.65	34.73	35.08	35.80	16.3	16.1	21.9	21.9	17.7	16.3	24.2	15.2	88	84	61	56	83	97	2.3
7	34.25	33.79	33.82	32.25	31.91	32.56	16.6	16.9	16.7	16.4	15.7	15.9	18.1	15	90	86	93	95	98	97	24.4
8	31.81	32.56	34.07	33.38	34.08	35	16.8	17.2	18.9	19.9	17.8	17.2	21.9	16.4	92	94	89	84	92	94	------
9	34.88	35.44	36.85	35.85	36.76	37.55	17.2	17.2	19.7	23	17.8	17.1	------	16.4	89	92	85	83	100	99	2.8
10	36.60	37.34	38.36	37.11	37.25	38.26	16.3	16.6	17.7	20.6	17.9	17.3	22.3	16.2	100	97	92	81	98	95	------
11	37.75	37.76	38.33	37.25	37.68	38.82	16.6	16.9	21.7	18.8	17.4	16.5	------	15.2	98	91	70	93	92	99	------
12	38.16	38.19	39	37.33	37.47	38.90	15.9	16.2	20.2	22	17.8	16	------	15	97	85	79	64	90	93	------
13	38.25	38.10	38.89	37.68	37.46	37.99	15.8	15	20.1	20.4	18.4	16.8	23.5	14.4	79	99	71	88	98	94	------
14	37.08	36.59	36.86	34.91	34.97	35.36	16.4	16.3	22.5	23.1	17.5	17.5	------	15.6	87	85	58	80	85	75	1
15	33.73	33.02	32.89	31	30.70	31.29	17.3	17.5	18.5	19.9	18.4	17.9	22.1	16.4	76	72	91	83	82	90	6.6
16	30.95	31.62	32.74	31.76	32.05	33.20	17.6	17.3	20.4	19.3	17.5	17.4	22	16.5	95	99	92	99	100	91	7.6
17	32.75	32.78	33.60	32.45	33.03	33.82	16.9	16.8	18.6	19.4	17.5	16.5	21.6	16	94	90	86	85	94	99	3.6
18	33.26	33.46	34.40	33.70	34.02	35.04	16	16.3	19	19	17.4	16.4	20	15.6	100	98	85	85	92	97	.3
19	34.35	34.37	34.85	33.76	34.18	34.80	15.4	14.8	19.7	20.7	16.7	15.4	22.5	14.5	97	96	77	57	80	87	------
20	34.13	34.21	34.85	34.18	34.83	35.40	14.7	14.5	19.6	21.1	17.1	16.3	23.8	14	92	97	72	62	81	90	------
21	34.95	35.36	36.48	35.60	35.75	36.91	15.6	15.4	20.3	19.8	16.9	15.9	22.4	15	89	90	75	78	94	99	------
22	36.02	36.25	37.41	36.52	36.60	37.31	15.8	15.9	21	20.9	17.6	16.7	------	15.6	99	98	79	76	97	100	------
23	36.78	36.96	37.33	36.30	36.68	37.62	16.5	16	20.9	20.9	18	17.7	------	15.9	98	99	77	90	100	97	------
24	36.81	37	37.96	36.44	36.55	37.59	16.7	16.3	20.3	18.4	17.7	16.4	23.2	14.9	100	99	91	100	85	87	31.2
25	36.52	36.75	37.93	36.75	36.70	37.52	16.2	16	20.9	19.2	16.5	14.5	------	14	85	80	72	72	84	93	------
26	36.60	36.75	37.45	36.60	36.85	37.35	13.9	14.4	19.3	20.5	16.7	15.7	22.7	13.5	94	87	64	74	76	74	------
27	37.04	37.18	37.66	36.77	37.15	38	16.1	15	21.9	21.8	17	16.1	24	14.7	71	73	42	59	77	77	------
28	37.05	37.19	38.60	36.75	36.95	37.95	16.7	16.7	19.6	19.4	17.2	16.6	21.4	15.6	76	77	74	70	85	84	------
29	37.24	37.20	38.18	37.41	37.40	38.10	16.2	16.3	19.3	20.2	16.4	15	22.3	14.6	86	81	76	74	88	91	------
30	37.57	37.52	38.55	37.77	37.80	38.42	14.7	14.5	19.1	19.5	16.4	15	22.1	13.6	87	81	62	62	77	88	------
Mean	35.77	35.92	36.71	35.53	35.72	36.55	16.2	16.1	20.1	20.4	17.4	16.5	22.3	15.2	90.8	88.9	75.4	79.3	90.1	91.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	81.3

Day.	Wind.										Total movement in 24 hours.	Clouds.					
	Direction.						Total movement in 6 hours.					6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	E	ESE	WSW	E	SE	156.4	111.2	56.8	89.1	413.5	8	Ci.	Cu.	9	Ci.	Fr.-N. NE
2	SE	E	SE	WSW	W	E	93	69	80.2	46.1	288.3	8	Ci. NE	Cu.	9	Ci.	Fr.-Cu.SSW,NE
3	E	E	WSW	WSW	Calm	ESE	67	83.5	60	62.3	272.8	5	Ci.	Cu.	10	------	Fr.-N.
4	NE	SE	E	WSW	Calm	SE	52	42.3	67.9	34.3	196.5	3	Ci.	Cu.	9	Ci.	S.-Cu.ENE
5	NE	NE	E	WSW	Calm	Calm	44	50.4	59.2	25.4	179	10	Ci.-S.	S.-Cu. NE	9	Ci.	N.-cf.ENE,E,SE
6	E	SE	ESE	E	SE	E	72.6	64.7	177	147.6	461.9	7	Ci.-S.	Cu.	9	Ci.-S. ENE	Cu. ENE
7	E	E	E	E	E	E	211	308.5	333.9	413	1266.4	10	Ci.-S.	Fr.-N. E	10	------	N. E
8	E	E	E	E	E	E	388.3	347.5	218.8	225.8	1180.4	9	Ci.-cu. ssw	Fr.-N. SE	9	A.-Cu.	N.-cf.Ebys
9	E	SE	SE	WSW	ESE	ESE	134.2	100	54.1	129.3	417.6	10	Ci.-S.	S.-Cu.	9	Ci.	s.-cf. sbyE
10	E	E	E	E	E	SE	116.2	106.7	56.1	84.2	363.2	9	Ci.-Cu.	S.-Cu SEbyE	10	A.-Cu.	Fr.-N.
11	SE	ESE	SE	E	E	S	82.4	100.3	81.9	40	304.6	5	Ci.	Cu.	9	A.-Cu.	Fr.-N. E
12	E	S	WSW	SE	SW	SE	53.4	55.5	39.9	73.7	222.5	1	Ci.	Cu.	2	Ci.	Cu.
13	ESE	N	WSW	W	W	SW	89.3	58.5	49.7	31.4	228.9	3	Ci.	Cu.	10	------	Fr.-N. S
14	NW	E	E	W	SE	E	29.2	76.4	53.7	50.1	209.4	7	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. ENE
15	NE	E	NE	E	E	E	51.5	82.9	129.2	223.4	487	10	A.-Cu.	S.-Cu.ENE	10	A.-S.	N. ENE
16	SE	E	E	SSE	ESE	E	188.9	172	88.2	130.7	579.8	10	Ci.-S.	S.-Cu.	9	Ci.	Fr.-N.SEbyS
17	ESE	E	E	SSE	E	E	176.4	169.4	113.8	139	598.6	7	A.-Cu. SEbyE	Cu. SSE	9	A.-cu.sbyw	Cu. SSE
18	E	E	E	S	S	S	138.7	130	78.9	72.2	419.8	10	A.-Cu.	S.-Cu.SSW	10	A.-Cu.	Fr.-N. S
19	SSE	ESE	E	S	SE	SE	120.5	116.1	70	118	424.6	4	Ci.	Cu.	6	A.-Cu. SW	Cu.
20	SE	E	E	S	SE	S	105.4	132.2	79.5	121.3	438.4	6	A.-Cu. SW	Cu.	7	A.-Cu. ssw	cu. SEbys
21	S	S	S	SE	E	SE	136.3	100.8	77.5	132	446.6	2	Ci.	Cu.	4	A.-Cu.	Fr.-Cu. S
22	SE	SE	ESE	SW	SE	ESE	109.9	95.8	34.8	59.7	300.2	7	Ci.	Cu.	9	------	S.-Cu.ssw
23	SE	SSE	SW	WSW	NE	Calm	41.2	47.7	69.7	12.1	170.7	7	A.-Cu.	Cu.	10	------	------
24	W	NE	W	SSW	SE	E	24.1	53.9	88.5	95.3	261.8	4	Ci.	Cu.	10	------	N.
25	E	E	ESE	S	SE	E	102.2	90.6	97.6	126.6	417	3	Ci.	Cu.	6	A.-Cu. S	Cu.-N.
26	E	E	ESE	ESE	ESE	SE	137	126.8	83.2	130	477	0	Ci.	Cu.	7	A.-Cu. ssw	Cu.
27	E	E	E	ESE	E	ESE	123.6	100.8	97.2	116.1	437.7	1	------	S.-Cu.	9	Ci.-Cu.SEbyE	Cu.
28	E	E	ESE	E	E	E	84.8	79.2	68.7	117.3	350	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
29	E	SE	ESE	SE	E	E	92.5	92.3	78.4	101.1	364.3	10	A.-Cu.	S.-Cu.	9	A.-Cu.	S.-Cu. NE
30	E	E	E	E	E	SE	151.1	139.4	88.8	141.9	521.2	1	Ci.	Cu.	3	Ci.-Cu.	Cu.
Mean	------	------	------	------	------	------	112.4	110.1	91.1	109.6	423.3	6.2	------	------	8.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	12699.7	------	------	------	------	------	------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, −1.66 mm.]

DECEMBER, 1909.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	37.50	37.64	38.30	37.20	37.57	38.26	14.9	14.9	20.7	18.4	16.9	15.2	24.7	13.6	89	90	67	100	89	95	------
2	37.36	37.55	38.42	36.77	36.74	37.27	15.1	14.9	19.5	20	18	16.2	23.7	14.7	92	92	77	91	88	92	------
3	36.39	36.51	36.99	35.50	35.90	36.27	14.6	16	20.5	19.9	16.4	15.1	22.4	13.8	100	82	84	88	95	97	7.1
4	35.33	35.09	35.39	33.79	33.93	35.08	14.6	14.9	19.9	19	16.5	14.8	23.2	13.8	90	81	65	94	87	87	------
5	34.23	34.38	34.95	34.07	34.52	35.30	13.9	13.1	19.1	18	15.8	12.9	21	12.8	91	92	71	91	94	92	------
6	34.67	34.94	35.75	34.74	34.76	35.20	12	11.9	17.8	19.5	15	13.7	21.5	11.3	85	70	57	75	83	86	------
7	34.86	35.51	36.39	35.21	35.17	36.04	13.4	12.9	18.4	19.7	16	14	23.1	12.7	86	87	60	82	95	92	------
8	35.31	35.18	35.92	34.39	34.53	35.28	12.9	14.1	18.4	20.3	16.1	15.3	22.5	12.8	86	68	64	76	94	90	------
9	34.92	35.06	36.23	34.77	34.90	36.12	14.9	16.2	20.9	21.4	18	16.9	23.9	14.1	89	75	66	75	88	94	------
10	35.46	35.09	36.31	34.68	34.97	36.08	16.4	15.9	20.7	20.7	18.1	16.4	24.3	14.7	95	95	70	88	99	100	1
11	35.27	34.94	36.04	34.43	34.96	36.17	16	15.5	17.8	21	16.1	15.6	22.5	15.4	99	99	87	87	100	100	44.2
12	35.18	35.19	36.43	34.85	35.17	36.25	15.6	16	18.3	17	16.2	16	19.9	15.2	100	95	99	100	99	94	11.2
13	35.82	35.79	37.10	35.84	35.95	36.89	15.7	15.4	18.3	19.2	16.7	15.8	21	14.6	87	85	90	98	100	95	8.1
14	36.03	36.06	36.61	35.51	35.71	36.96	15.3	14.9	19	20.3	16.4	14.7	22.2	14.2	96	91	72	75	80	91	2
15	36.51	37.06	37.85	37	37.37	38.35	14.8	14.9	18.9	19.9	16.9	15.6	22.5	14.3	90	90	85	73	89	95	1.3
16	37.65	37.62	38.48	37.11	37.19	37.90	15.3	15.1	19.9	19.4	17.7	16.1	22.8	14.3	91	90	89	92	93	98	------
17	37.20	37.40	38.39	37.01	37.32	38.12	15.6	16.7	19.9	19.8	16.3	15.6	21.1	14.9	97	87	78	81	98	99	1.3
18	37.22	37.22	37.85	36.69	37.13	37.93	15.5	15.3	19.7	17.5	16.1	14.7	22.1	13.7	98	96	77	97	97	94	6.8
19	36.83	36.73	37.67	35.92	36.15	36.57	14.1	13.1	17.2	18	15.4	15	19.8	12.6	92	92	96	94	100	77	------
20	36.09	36.41	36.92	35.71	35.55	36.45	13.4	13	18.5	19.8	16.9	15.8	21	11	69	75	65	63	84	75	------
21	35.85	35.76	36.56	35.20	35.37	36.14	15.7	14.9	18.8	19.8	16.9	14.5	22.7	13.4	69	72	70	78	99	90	------
22	35.41	35.48	36.84	35.70	36.13	37.03	14	14	18.7	20.4	16.8	------	23.4	13.1	84	76	67	85	85	------	------
23	36.43	36.54	37.62	36.57	36.90	37.37	------	16.5	20.1	20	17	15.4	23.4	14.6	------	77	72	90	89	93	------
24	36.78	37.11	38.39	37.48	37.82	38.02	15.1	14.7	16.1	16.1	14.9	14	20.2	13.1	91	92	80	100	100	94	13.5
25	37.51	38.01	39.27	37.89	38.29	38.98	13.3	14.3	19.4	18	15	14	20.8	12.8	97	83	76	87	91	91	------
26	38.27	38.05	39.31	38.30	38.67	39.27	12.8	12.8	16.7	17.9	14.1	12.7	19.2	12	92	84	68	64	80	86	------
27	38.76	38.86	40.28	39.51	39.76	40.63	12.2	11.9	16.4	19.1	15.7	13.2	20.1	11.8	88	87	69	62	76	92	------
28	40	39.86	40.98	39.81	39.78	39.98	13.2	15	19.4	19.7	17.1	16.3	22	12.5	86	76	62	63	73	75	------
29	39.39	39.19	40.14	38.70	38.24	38.61	16.2	15.7	18	18.4	16.4	16.6	21.3	15	77	81	81	75	75	72	------
30	37.87	37.93	38.36	36.92	37.41	38.21	16.1	16.2	20.4	21.5	18.3	16.5	24.1	15.7	80	81	68	66	86	91	------
31	37.41	37.41	38.01	36.39	36.73	37.38	15.9	15.2	20.9	19.2	17.9	16.9	24	14.7	94	98	72	92	86	82	1
Mean	36.56	36.63	37.54	36.25	36.47	37.23	14.6	14.7	19	19.3	16.5	15.2	22.1	13.7	89.3	85.1	74.3	83.3	90.1	90.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	97.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	E	E	WSW	SE	E	149.1	114.8	54.5	88	406.4	0	------	Cu.	10	------	------
2	E	E	SE	WSW	SE	E	102.4	71	53.9	139	366.3	1	Ci.	Cu.	9	Ci.-S. SSW	S.-Cu. ESE
3	E	E	S	WSW	E	SE	107.3	84.2	85.9	99	376.4	9	Ci.-S.	Cu.	10	------	Cu.-N.
4	E	E	E	SW	ESE	E	115.3	97.6	68.6	138.2	419.7	2	Ci.	Cu.	9	------	S.-Cu. NE
5	E	E	SSE	W	Calm	E	107.6	78.9	83.1	77.5	347.1	4	Ci.-S.	Cu.	9	------	S.-Cu. NW
6	E	E	ESE	S	SE	SE	96.6	100.4	100.6	148.1	445.7	3	Ci.	Cu.	10	Ci.-S.	Cu. EbyN
7	SE	SE	SE	W	Calm	E	145.4	110.8	70.5	66.6	393.3	8	Ci.-S.	Cu.	9	------	N.-cf.
8	E	E	ESE	WSW	N	E	120.7	79.7	78.3	70.3	349	4	Ci.-S.	------	10	Ci.-S,	S.-Cu. ESE
9	E	E	SE	W	Calm	E	77.7	57.4	41.3	51.2	227.6	3	Ci.	S.-Cu.	9	A.-Cu. SSE	Cu.
10	NE	NE	E	WSW	ESE	SE	71.3	68.9	43.5	95	278.7	5	Ci.-Cu.	Cu.	10	A.-Cu.	S.-Cu.
11	SE	ESE	SE	WSW	SE	SE	127.7	111.8	40.2	57.6	337.8	10	A.-S.	S.-Cu.	10	Ci.-S.	Fr.-N. SE
12	E	ESE	WSW	NW	NE	SE	88	57.6	37.2	60.7	243.5	8	Ci.-S.	S.-Cu.	10	A.-S.	N.
13	NW	NE	WSW	WSW	Calm	SE	42.8	46.5	39.2	63.3	191.8	9	A.-Cu.	S.-Cu. E	10	------	Fr.-N.
14	ESE	ESE	ESE	E	SE	E	73.5	138.1	55.2	70.5	337.3	5	Ci.	S.-Cu.	5	A.-Cu.	Cu.
15	Calm	SE	ESE	ESE	E	SE	39.1	108.3	110.4	68.9	326.7	10	Ci.-S.	N.	9	A.-Cu.	Cu. E
16	NE	NE	SW	W	E	SE	34	50.7	85.6	87.9	258.2	1	Ci.	S.-Cu.	9	------	Cu.-N.
17	NE	SE	E	SE	SE	SE	57.3	36.8	45.3	74.8	214.2	9	Ci.	S.-Cu.	10	A.-Cu.	Fr.-N.
18	E	SE	ESE	NW	E	E	47.8	36	27.7	52.1	163.6	10	A.-Cu. EbyN	S.-Cu. ENE	10	------	N.
19	E	NE	WSW	WSW	Calm	E	37	58.9	45.4	58.2	199.5	5	Ci. ESE	Cu.	9	Ci.-S.	Cu.
20	E	NE	E	ESE	SE	E	92.5	118.6	39.9	103	354	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
21	E	E	SE	WSW	Calm	E	76.9	67.3	52.3	100.6	297.1	10	A.-S.	S.-Cu.	9	Ci.	S.Cu. SEbyE
22	E	SE	ESE	SW	SE	E	67	116.9	75	102.5	361.4	5	Ci.	Cu.	10	Ci.-S.	N.-cf.
23	E	SE	E	WSW	SE	SE	52.6	81.5	54.4	117.5	306	10	A.-Cu.	S.-Cu.	10	------	------
24	E	E	ESE	WSW	E	E	65.4	72.2	38.4	128.7	304.7	10	------	S.-Cu.	10	------	------
25	E	SE	SE	Calm	SE	SE	103	83.7	75.3	137.9	399.9	10	------	S.-Cu.	10	------	Fr.-N. ESE
26	E	SE	SE	ESE	SE	E	144.5	198.1	174.3	161.9	678.8	0	Ci.	Cu.	1	Ci.	Cu.
27	SSE	ESE	SE	E	E	E	137.9	163.8	108.1	140.3	550.1	1	Ci.	Cu.	2	Ci.	Cu.
28	SE	E	ESE	E	SE	E	195.7	188.8	114.6	107.5	606.6	0	Ci.	Cu.	8	A.-Cu. SE	Cu.
29	E	NE	ESE	ESE	E	E	95.3	116.7	209.2	317.6	738.8	2	A.-Cu.	Cu.	10	A.-Cu.	S.-Cu. E
30	E	E	E	SE	SSW	SE	262.5	181	72.1	52.1	567.7	1	------	Cu.	7	------	Cu. ESE
31	E	E	E	W	Calm	SE	48.1	67.4	66.3	67.3	249.1	1	A.-Cu.	S.-Cu.	10	------	Fr.-N.
Mean	------	------	------	------	------	------	96.2	95.6	72.5	100.1	364.4	5.4	------	------	8.8	------	------
Total	------	------	------	------	------	------	------	------	------	------	11296.5	------	------	------	------	------	------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 20 meters; gravity correction not applied, —1.61 mm.]

JANUARY, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.04	59.96	61.03	57.52	58.09	59.27	24	23.6	28.6	30.1	26.5	25.1	31	22.1	------	------	------	------	------	------	------
2	58.39	59.40	60.52	57.60	57.48	58.90	25.4	24.8	27.9	28.7	26.1	25	29.6	24.1	------	------	------	------	------	------	------
3	58.38	58.67	59.86	57.68	58.10	59.16	22.8	23.6	27.6	28.5	27.1	26	29.6	22.6	80	78	73	59	69	76	------
4	58.42	58.55	59.83	57.45	57.90	59.16	25.7	25.5	28	29.1	26.9	25.5	31	23.9	75	77	71	67	77	80	------
5	58.65	58.67	59.63	57.40	57.46	58.34	25	24.7	28.2	28.5	26.3	24.8	30	23.4	80	82	71	70	79	85	------
6	58.32	58.31	59.49	57.43	58	58.76	23.9	24	27.7	29	27.4	25	30.7	23	87	83	70	71	81	91	------
7	57.80	58.54	59.70	58.05	58.87	59.74	24	23.3	28.6	29.5	26.5	25.7	31.1	23.2	91	91	71	72	84	90	------
8	59.17	59.91	60.50	58.39	59.15	60.59	25.1	24	28.5	29.9	27.4	26	30.7	23.5	87	88	64	65	78	84	------
9	60.43	60.90	62.22	59.89	59.44	60.08	24.1	24.7	28.5	28.9	27.5	27.6	30.1	23.9	------	------	------	------	------	------	------
10	60.35	60.93	61.95	59.64	60.33	60.40	25.5	23.6	28	28	26.8	25.5	29.5	22.5	------	------	------	------	------	------	------
11	59.79	60.53	61.99	59.78	60.33	61	23.6	22.4	27.9	29.5	27	25.4	30.6	22.4	90	92	68	68	80	84	------
12	59.59	59.80	61.04	58.45	58.50	59.59	24	23.7	27.4	28.2	25.6	24.5	29.1	22.2	87	83	70	67	77	75	------
13	58.85	59.52	60.73	58.59	58.65	59.82	22.6	21.8	26.5	27.2	24.6	21.5	28.6	21.2	81	78	57	68	77	87	------
14	58.93	60.32	61.83	59	60.01	61.43	21.6	21.3	26	28	25.4	23.2	29.2	19.5	82	79	65	59	74	75	------
15	60.60	61.64	62.86	60.30	60.95	62.13	21.6	21.5	26.2	27.5	26	24.7	28.7	20.1	75	74	52	59	70	53	------
16	61.11	61.49	62.72	60.35	59.72	60.74	24.4	23	27	27.5	25.8	25.1	30.1	22.7	------	------	------	------	------	------	------
17	60.10	60.50	61.38	59.51	59.81	60.80	24.5	24.6	27.4	28.1	26.5	24.4	29.1	23	------	------	------	------	------	------	------
18	60.11	60.36	61.53	59.35	59.76	61.12	23	22.3	26.6	28.3	25.8	24.8	29.4	20.6	63	64	56	55	81	83	------
19	60.14	60.07	61.52	59.80	60.49	62.20	24.8	24	28.5	28.4	27	26.8	31	23.1	78	75	62	62	77	82	------
20	61.42	61.68	63.48	61.22	61.15	62.25	25	24	27.5	28.5	26.1	24.4	30	23.4	77	83	70	69	79	85	------
21	61.30	61.53	62.59	60.21	59.63	61.15	23.5	22	28.2	29.4	26.4	24.5	29.6	22	83	83	62	65	81	82	------
22	60.75	60.90	62.39	60.48	59.99	61.49	23.4	22.5	28.1	28.5	26	23.9	30.6	21.3	85	88	63	65	78	81	------
23	60.80	61.01	61.78	59.54	59.99	61.28	23.2	22.9	27.5	28.9	27.1	26.9	30.9	21.5	77	79	68	63	73	76	------
24	60.57	60.55	61.43	59.14	59.43	60.34	26	24.5	28	28.1	26.5	26	29.9	24.5	76	79	71	69	76	79	------
25	60.17	60.99	61.78	59.65	59.13	60.06	24.8	23	27.9	28.1	25.6	24	30.4	23	80	85	73	72	79	81	------
26	59.92	60.63	61.27	59.13	59.35	60.16	22.9	23.5	27	29.7	27.2	26	32.4	22.2	83	83	71	59	73	80	------
27	59.42	59.71	60.72	58.70	58.97	60.09	25.	24.2	28	29.4	27.1	24.6	30.6	23	83	86	67	65	70	83	------
28	59.30	59.78	60.70	58.67	58.88	59.58	24.1	22.8	26.6	26.5	24.5	23	29.4	22.6	83	84	77	68	68	79	0.5
29	58.82	59.43	60.44	57.65	57.90	59.52	21.1	21.2	25.6	27.1	25	22.4	28.4	20.3	86	84	63	65	64	70	------
30	58.82	59.42	60.80	58.08	58.35	59.44	24.5	23.4	28.1	27.6	26.2	25	29	21.2	------	------	------	------	------	------	------
31	58.70	59.28	61.20	58.91	59.15	60.13	24.5	23.5	27.2	28	25.6	24	29.4	22.4	------	------	------	------	------	------	------
Mean	59.65	60.10	61.26	58.95	59.19	60.28	24	23.4	27.6	28.5	26.3	24.9	30	22.4	81.3	81.7	66.7	65.3	75.9	80	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	0.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	ENE	1	NE	1	ENE	2	E	5	NE	4	E	6	1	Ci.	Cu.	0	Ci.	Cu.
2	SE	6	SE	2	NNE	2	N	2	NNW	1	SE	1	8	A.-Cu.	Cu.	4	A.-Cu.	Cu.
3	SE	1	E	1	NNE	2	N	3	NNE	1	NW	1	4	A.-Cu.	Cu.	0	A.-Cu.	Cu.
4	Calm	----	SE	1	ESE	1	NNE	1	NE	1	Calm	----	10	Ci.-S.	S.-Cu. S	3	A.-Cu.	Cu.
5	NE	1	ENE	1	N	1	WNW	1	N	1	SE	1	0	Ci.	S.-Cu.	0	Ci.	Cu.
6	S	1	E	1	ENE	1	S	1	SE	1	Calm	----	0	Ci.	Cu.	1	Ci.	Cu.
7	ESE	1	E	1	NE	1	SSW	2	N	1	NNW	1	0	Ci.-S.	S.-Cu.	0	Ci.	Cu.
8	S	1	ENE	1	SE	1	S	2	SE	1	S	1	0	Ci.	Cu.	0	Ci.	Cu.
9	E	1	ESE	1	NE	1	NNE	4	ENE	1	ENE	3	0	Ci.	Cu.	0	A.-Cu.	Cu.
10	NE	1	SSE	1	N	1	NW	2	NNE	1	Calm	----	0	Ci.	Cu.	6	A.-Cu.	Cu. ENE
11	SE	1	E	1	ESE	1	S	2	NW	1	SE	1	0	Ci.	Cu.	0	----------	Cu.
12	E	1	ENE	1	NNW	2	N	4	NNE	2	N	1	0	A.-Cu.	Cu.	1	A.-Cu.	Cu. N
13	NNW	1	NNE	1	N	2	N	5	NNE	3	S	1	0	Ci.	S.-Cu.	0	A.-Cu.	Cu. N
14	EbyS	1	E	1	NNW	1	N	4	NNE	1	N	1	0	A.-Cu.	Cu.	0	A.-Cu.	Cu.
15	NNW	1	NE	1	ENE	1	NW	1	S	1	NE	2	3	A.-Cu.	S.-Cu.	0	A.-Cu.	Cu.
16	E	3	SSW	1	ENE	2	W	2	NE	1	E	2	1	A.-Cu.	S.-Cu.	1	A.-Cu.	Cu.
17	E	3	E	4	ENE	2	N	3	NNE	1	S	1	7	A.-Cu.	S.-Cu.	1	A.-Cu.	Cu.
18	Calm	----	E	1	NE	1	NNE	3	N	1	S	1	0	Ci.	Cu.	0	Ci.	Cu.
19	SE	1	NNE	1	N	1	NW	2	S	1	S	1	0	----------	S.-Cu.	1	A.-Cu.	Cu.
20	ESE	1	E	1	NE	1	NNW	2	N	2	WNW	1	0	Ci.-S.	S.-Cu.	0	Ci.	Cu.
21	E	1	ENE	1	NNE	1	N	2	N	2	NNE	1	0	Ci.-S.	S.-Cu.	0	Ci.	Cu.
22	NE	1	ESE	1	SE	1	N	3	NNE	3	N	1	0	Ci.	Cu.	1	Ci.-S.	Cu.
23	Calm	----	E	1	SW	1	S	1	S	1	SE	1	0	Ci.	Cu.	1	Ci.-S.	Cu.
24	Calm	----	ESE	1	N	1	NW	2	N	1	Calm	----	8	Ci.-S.	S.-Cu.	0	Ci.	Cu.
25	SE	1	E	1	SW	1	NNW	4	N	3	NNE	2	0	Ci.-S.	S.-Cu.	1	A.-Cu.	Cu.
26	NNW	1	ESE	1	NE	1	SW	1	SE	1	S	1	1	Ci.-S.	S.-Cu.	1	A.-Cu.	Cu.
27	SE	1	NE	1	SSE	1	SSW	2	SSW	1	E	1	0	Ci.	S.-Cu.	1	----------	Cu.
28	SE	1	E	1	NW	1	NNE	4	NNE	4	N	4	1	----------	S.-Cu. W	2	----------	Cu. NbyE
29	NNW	2	NE	1	N	2	NE	4	N	2	N	1	0	Ci.-S.	S.-Cu.	0	----------	Cu.
30	NE	2	ESE	1	NE	1	NNW	2	N	1	E	1	0	A.-Cu.	Cu.	0	Ci.	Cu.
31	SE	2	NE	1	NE	1	N	2	NNE	1	Calm	----	0	Ci.	Cu.	0	Ci.	Cu.
Mean	-------	1.3	-------	1.1	-------	1.3	-------	2.5	-------	1.5	-------	1.3	1.4	----------	----------	0.8	----------	----------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 20 meters; gravity correction not applied, —1.61 mm.]

FEBRUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.98	59.53	60.92	58.70	59.12	60.55	23	21.6	27	26.6	25.7	25.2	29	21.3	74	77	56	72	72	75	------
2	59.54	59.97	61.47	59.55	59.41	59.90	24	21.6	27.6	27.5	26.4	23.8	29.5	21.6	77	87	62	69	71	81	------
3	59.33	60.47	61.24	58.74	59.47	60.76	23.1	21.1	26.9	28.4	25.7	24.6	29	21	84	90	71	62	69	75	------
4	60.31	60.47	61.52	59.08	59.76	61.29	24	22	27.2	29.5	26.6	24.6	30.5	21.6	77	83	64	61	77	76	------
5	61.19	61.41	62.45	60.36	60.63	62.43	23	21.9	28.2	29.5	27	26.8	30.8	21.3	------	------	------	------	------	------	------
6	61.99	62.15	63.43	61.06	61.61	62.93	25.1	24	27.6	29.5	27.5	26.2	30.4	22.6	------	------	------	------	------	------	------
7	62.68	62.93	63.28	60.87	61.48	62.79	24	23.6	28	28.5	27.1	25.6	30	22.8	75	78	61	61	69	71	------
8	62.19	62.84	62.98	60.86	61.95	62.52	25.1	24	28.4	28.1	26.5	25	30	23.6	------	------	------	------	------	------	------
9	62.23	63.26	63.59	61.38	62.07	62.91	23.6	22.5	28.2	28.1	26	24.5	29.5	22.2	82	77	63	64	75	79	------
10	61.95	62.88	63.29	60.99	61.73	62.28	22.9	22	28.5	28.5	26.6	24.5	30.8	21.3	83	94	57	67	73	79	------
11	61.57	62.99	64.02	61.17	61.08	62.43	23.1	22.6	28	28.5	26	24.5	29.5	21.9	82	82	67	66	72	75	------
12	61.74	63.36	63.69	60.81	61.83	63.38	21.6	21	27.4	29.5	27.6	26	30.5	20.5	------	------	------	------	------	------	------
13	62.43	62.59	63.58	60.19	60.78	62.37	24.5	24.1	28	30.2	26.6	25.5	31.5	22.9	------	------	------	------	------	------	------
14	61.20	61.59	62.80	60.32	60.23	61.03	24.5	25.8	30	28.5	26.3	25	31.3	24.2	------	------	------	------	------	------	------
15	59.59	60.83	61.83	59.68	60.04	61.78	24.5	23.7	29	28.5	27.1	25.5	31.6	22.6	------	------	------	------	------	------	0.2
16	60.63	60.80	62.48	60.49	60.57	61.50	25	24.5	28.5	29.4	26.3	25.1	30.1	23.6	76	77	66	60	73	76	------
17	60.20	60.18	61.64	59.53	59.13	60.62	23.1	22.6	27.6	28.2	27.8	25.5	30.6	21.5	85	84	72	72	72	80	------
18	59.66	60.22	61.02	59.15	58.68	59.94	24.5	25	28.7	29.6	27.1	26.5	31.4	23.9	87	77	71	67	78	80	------
19	59.15	59.46	60.46	58.52	59.40	60.54	25	24.1	28.5	30.5	27.1	26.1	32	24.1	83	87	71	65	80	80	4.3
20	59.40	59.79	60.95	59.45	59.65	60.58	25.3	23.6	28.2	28.6	26.5	25.4	30.5	23.5	85	87	75	76	80	82	------
21	59.29	59.77	60.04	58.09	58.71	59.59	25	24	28.5	30	28.3	27.5	31.1	23	80	81	67	62	66	67	------
22	58.63	59.64	60.79	58.67	59.20	60.04	26	25	28.5	30.1	27.6	27.5	30.6	24.4	72	76	74	70	73	76	------
23	58.95	59.85	61.13	58.96	58.52	60.17	26.1	26	29.9	29.6	28	26.2	31.5	25.1	79	78	65	75	77	85	------
24	58.68	58.99	60.22	58.32	58.72	59.64	25.5	24.8	28.8	30.5	27.6	26.2	32	23.7	84	82	68	65	79	82	------
25	59.05	59.91	60.64	58.93	58.94	59.88	24.6	24	29.6	30	27.2	26	32	23.8	90	88	68	67	79	84	------
26	58.78	59.85	61.66	59.72	59.99	60.50	24.6	25.6	29	30.2	27.9	26	32	24	84	81	70	63	75	84	------
27	59.63	60.39	61.49	59.66	59.56	60.05	25.4	25	28.6	29.2	27.6	26.1	31.6	23.5	84	88	73	73	76	83	------
28	59.10	59.98	61.42	59.27	59.34	60.55	24.5	25.6	28.8	29.4	27.5	26.7	31.3	23.2	87	83	72	69	77	79	------
Mean	60.29	60.93	61.93	59.73	60.06	61.18	24.3	23.6	28.3	29.1	27	25.6	30.7	22.8	81.4	82.7	67.3	67	74.4	78.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	4.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	1	ENE	1	NNW	1	NNE	2	N	2	E	1	0	------------	Cu.	0	Ci.	Cu.
2	E	1	NE	1	ESE	1	SW	2	NW	1	NE	1	0	------------	Cu.	0	Ci.	Cu.
3	E	1	ENE	1	NNE	2	NNE	4	NW	3	N	2	0	Ci.	Cu.	0	Ci.	Cu.
4	NNE	1	NNW	2	N	2	NNW	5	NE	1	N	1	8	Ci.-S.	S.-Cu.	0	Ci.	Cu.
5	NNE	2	NW	1	NW	2	NNW	2	SW	1	ENE	1	0	Ci.	Cu.	0	Ci.-S.	Cu.
6	E	1	W	1	SW	1	NW	1	SE	1	S	1	0	Ci.	Cu.	1	Ci.-S.	Cu.
7	Calm	----	NE	1	NNE	1	W	2	SE	1	NE	1	0	Ci.-S.	Cu.	0	Ci.-S.	Cu.
8	E	2	E	1	N	2	W	2	N	1	E	1	6	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
9	E	1	ENE	1	N	1	NW	2	NNE	2	NNW	1	7	Ci.-S.	S.-Cu.	0	Ci.-S.	Cu.
10	ENE	1	ESE	1	SE	1	SW	1	S	1	E	1	0	------------	Cu.	0	Ci.	Cu.
11	NE	1	EbyN	1	NNW	2	NW	3	NNW	4	N	2	0	Ci.	S.-Cu.	0	Ci.	Cu.
12	NNE	2	N	1	NW	2	N	5	SE	2	NE	5	0	------------	S.-Cu.	0	------------	Cu.
13	E	2	NE	1	ENE	4	E	5	NE	4	E	4	0	A.-Cu.	Cu.	0	Ci.	Cu.
14	SE	1	ESE	1	SSW	1	NW	2	W	1	E	1	10	------------	S.-Cu.SSW	10	Ci.-S.	Cu.
15	SE	1	NE	1	SSW	1	NW	2	SW	1	S	1	7	Ci.-S.	S.-Cu.	4	A.-Cu.	Cu.
16	Calm	----	E	1	NNE	1	N	2	NE	2	ENE	2	9	Ci.-S.	S.-Cu.	7	A.-Cu.	Cu.
17	N	1	W	1	N	2	WSW	2	W	1	NW	1	0	Ci.	Cu.	1	Ci.	Cu.
18	E	1	SE	1	WSW	1	N	2	NW	2	SE	1	2	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
19	ESE	1	ENE	1	SW	2	SW	2	N	2	ESE	1	2	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
20	E	1	NE	1	N	2	NW	2	NE	2	N	1	2	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
21	Calm	----	SE	1	N	1	NW	1	NW	1	Calm	----	0	Ci.	S.-Cu.	0	Ci.	Cu.
22	SE	1	NE	1	NNW	1	N	3	NNE	1	E	1	1	Ci.	S.-Cu.	5	Ci.-S.	Cu.
23	S	1	Calm	----	ENE	1	SW	1	W	1	ENE	1	0	Ci.	Cu.	1	Ci.	Cu.
24	SSE	1	NE	1	WSW	1	NNW	1	N	1	NNE	1	0	Ci.	Cu.	1	Ci.	Cu.
25	ESE	1	NE	1	N	1	NW	2	NE	2	S	1	9	A.-Cu.	S.-Cu.	1	A.-Cu.	Cu.
26	E	1	SE	1	S	3	SSW	2	WNW	1	W	1	0	Ci.-S.	S.-Cu.	0	A.-Cu.	Cu.
27	SE	1	E	1	SSE	1	SW	2	N	1	NW	1	7	Ci.-S.	S.-Cu.	1	A.-Cu.	Cu. WSW
28	E	1	SE	1	SSE	2	NW	4	N	2	N	1	10	------------	S.-Cu.	1	Ci.	Cu.
Mean	------	1	------	1	------	1.5	------	2.4		1.6	------	1.3	2.9	------------	------------	1.7	------------	------------

VIGAN.

[φ=17° 34′ N; λ=120° 23′ E; barometer above sea, 20 meters; gravity correction not applied, —1.61 mm.]

MARCH, 1909.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.10	59.80	60.87	58.83	58.50	59.36	25.4	23.5	28.6	29.9	26.8	25.6	31.2	22.9	84	87	63	65	80	85	------
2	59.11	60.04	61.86	59.42	59.37	60.33	25	24.1	28	29.5	27.8	26.5	31	22.5	80	78	67	66	71	74	------
3	58.99	59.71	60.76	58.81	58.91	60.25	26	24	28.1	29.5	27.6	25.5	31	23.9	69	75	70	61	73	80	------
4	60.14	60.30	61.03	58.61	58.68	60.05	24.5	24	28.5	29.5	26.5	24.8	30	23.6	75	80	64	66	75	80	------
5	59.36	60.42	61.12	58.75	59.12	60.38	25.5	25	28.4	29.6	27.6	26	31.5	23.5	70	68	61	63	70	78	------
6	59.85	61	62.09	59.98	59.27	60.29	25.2	25.1	27.1	29.1	27.9	26.4	31.4	24.3	78	78	76	64	61	66	------
7	60.09	60.31	61.60	58.81	58.67	59.74	25	23.3	28.6	30.2	28	25.6	32.3	23.3	76	76	63	58	70	84	------
8	58.95	59.20	60.17	58.07	57.64	58.68	25.2	25	28.5	30.5	28.1	27.2	31.4	24	74	71	63	56	70	75	------
9	58.18	58.96	60.23	58.17	58.08	58.81	25.5	23	29	29	27.7	26	32.2	23	80	82	64	70	75	77	------
10	58.41	59.36	60.18	58.11	58.08	59.32	24.5	23	29	29.5	27.4	25.7	31.4	22.9	76	79	59	59	68	72	------
11	58.32	59.04	59.78	58	57.49	58.59	25	24.4	29.5	30.2	27.9	25.6	31.7	23	69	72	56	60	70	79	------
12	58.02	58.62	59.92	57.69	57.48	58.81	25.5	24.5	28.5	29.7	27.4	26	31.5	23.5	76	76	68	64	68	84	------
13	58.10	58.85	59.90	57.67	58.13	59.90	24.5	24	29.5	30	28.5	27	32	23	79	79	64	64	73	78	------
14	59.75	60.87	61.74	59.63	59.50	61.04	26.6	26.5	30.2	29.6	29	27.2	32.5	25.3	79	64	52	60	61	65	------
15	60.10	61.08	62.11	60.02	59.97	61.04	26	25.3	30.1	31.5	28.6	27.2	32.5	24.4	76	70	46	52	69	75	------
16	59.79	60.60	61.71	58.98	59.06	59.94	25.9	23.5	29	30.5	28.5	26.5	32.5	23.5	81	84	71	62	70	76	------
17	59.46	59.70	60.86	58.63	58.38	59.43	25.9	25.4	29.7	30.1	28.5	27.4	31.1	24.9	73	76	64	62	68	70	------
18	59.18	59.25	60.71	58.31	58.67	60.06	26.6	25.9	29.5	30.6	29.6	28	31.6	24.5	72	72	59	55	59	63	------
19	59.19	60.22	61.24	59.27	59.54	60.22	26.9	26	30.1	30.2	28.1	27.5	32.6	25	70	72	62	68	71	73	------
20	59.45	60.67	61.32	59.23	59.21	60.37	27.1	26	30.7	31.5	29.1	26.4	32.9	25.5	69	76	59	58	70	81	------
21	59.44	59.33	60.22	59.11	58.22	59.22	25	24.9	29.9	30.2	31.2	28.2	31.6	24	------	------	------	------	------	------	------
22	58.98	59.05	60.47	57.96	57.72	58.57	27.9	26.9	32	31.5	30.6	28.4	36.4?	24.8	------	------	------	------	------	------	------
23	57.58	58.30	59.26	56.97	57.54	58.38	28	25.5	30.6	31.5	28.2	27	32.6	25	------	------	------	------	------	------	8.1
24	57.33	58.65	59.96	57.81	57.88	59.35	25	25	30.5	31	29.1	27.1	31.6	24.8	90	83	66	65	76	83	------
25	58.92	59.91	61.22	59.26	59.91	61.92	25.2	25	27.7	31	26.4	25	31	24.1	90	88	76	62	76	80	------
26	61.05	62.05	62.71	60.11	60.47	62.32	24.9	25	28.7	33	29	28	34	24.4	------	------	------	------	------	------	------
27	61.04	61.83	62.21	60.22	60.43	61.97	27	26.5	31.1	30.9	28.6	27.2	33.9	26	------	------	------	------	------	------	------
28	61.51	62.42	62.48	60.27	60.23	61.22	25.7	25.6	30	30.4	29	27.5	32.5	24.3	81	77	62	62	69	73	------
29	60.52	61.54	62.54	60.40	60.16	61.47	27	25.9	29.5	30.6	28.7	27	33	25	72	75	71	69	75	85	2.8
30	59.80	60.73	61.49	59.37	59.79	61.13	26.1	26.1	29.6	31	28.7	26.6	32.5	25.1	79	73	67	61	71	80	------
31	59.37	60.21	61.44	59.41	59.82	60.69	26	25	29.6	30.5	28.1	27.5	32.5	23.5	76	80	67	68	71	73	------
Mean	59.33	60.07	61.07	58.90	58.90	60.09	25.8	24.9	29.3	30.4	28.3	26.7	32.1	24.1	76.7	76.6	63.8	62.3	70.4	76.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	10.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	E	1	E	1	N	2	NNE	4	N	2	SE	1	0	Ci.	S.-Cu.	0	Ci.	Cu.
2	Calm	----	ESE	1	NW	1	WNW	1	NNE	1	E	1	0	Ci.	Cu.	1	------	Cu. W
3	SE	1	Calm	----	SSW	1	SSW	2	NW	1	Calm	----	0	Ci.-S.	Cu.	0	Ci.	Cu.
4	ENE	1	E	1	N	1	NNW	3	N	3	E	1	2	Ci.	Cu.	0	------	Cu.
5	SE	1	E	1	SSW	2	SW	3	NE	1	W	1	0	------	Cu.	0	Ci.	Cu.
6	SE	1	S	1	NE	1	W	1	NW	1	NNW	1	1	A.-Cu.	Cu.	0	------	Cu.
7	Calm	----	NE	1	N	1	N	2	NW	1	Calm	----	0	Ci.	Cu.	0	Ci.-S.	Cu.
8	E	1	ESE	1	SSW	2	SW	3	W	1	Calm	----	2	A.-Cu.	Cu.	0	Ci.	Cu.
9	SE	1	S	1	SSE	1	SW	2	NW	1	E	1	0	Ci.	Cu.	0	------	Cu.
10	EbyS	1	ENE	1	SW	1	W	2	NE	1	N	1	0	Ci.	Cu.	0	------	Cu.
11	E	1	NE	1	SW	1	WNW	3	N	1	E	1	0	Ci.	Cu.	0	Ci.	Cu.
12	SW	1	ENE	1	N	1	N	3	NE	2	NNE	1	0	Ci.	Cu.	0	Ci.	Cu.
13	SE	1	Calm	----	W	1	S	2	E	1	Calm	----	0	Ci.	Cu.	0	Ci.	Cu.
14	NE	1	ESE	1	NE	1	N	3	N	1	NNE	1	0	Ci.	Cu.	3	Ci.-S.	S.-Cu.
15	ENE	1	E	1	NE	1	NW	3	W	1	SE	1	0	Ci.	Cu.	1	Ci.-S.	Cu.
16	SE	1	E	1	N	1	NW	3	W	1	SE	1	4	Ci.-S.	S.-Cu.	1	A.-Cu.	Cu.
17	E	1	NE	1	NNE	1	NE	4	N	2	E	1	2	A.-Cu.	S.-Cu.	0	Ci.-S.	Cu.
18	NW	1	Calm	----	NW	2	NW	3	NW	1	W	1	0	Ci.-S.	S.-Cu.	0	------	Cu.
19	Calm	----	E	1	NW	2	W	3	NW	1	SE	1	1	Ci.-S.	Cu.	0	Ci.	Cu.
20	S	1	ESE	1	SW	1	W	2	NE	1	E	1	0	Ci.	Cu.	0	Ci.	Cu.
21	SE	1	E	1	N	2	N	4	SE	1	E	6	0	Ci.	Cu.	9	Ci.-S.	Cu.
22	E	3	Calm	----	E	2	NW	5	Calm	----	SE	1	1	Ci.	Cu.	0	Ci.	Cu.
23	E	1	ESE	1	WNW	2	NW	3	SE	1	SE	1	0	Ci.-S.	S.-Cu.	0	Ci.-S.	Cu.
24	E	1	ENE	1	NNW	1	NNW	3	NW	1	W	1	5	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
25	SE	1	E	1	NW	2	N	5	N	4	NE	1	6	Ci.-S.	Cu.	7	Ci.-S.	Cu.
26	NE	2	NNE	4	N	4	ENE	6	NNE	4	E	4	9	Ci.-S.	S.-Cu.	1	A.-Cu.	Cu.
27	SE	3	NE	5	ENE	2	NW	5	NW	1	NE	1	0	Ci.	Cu.	1	Ci.-S.	Cu.
28	Calm	----	ESE	1	WNW	2	W	2	S	1	E	1	1	Ci.-S.	S.-Cu.	0	Ci.	Cu.
29	Calm	----	NE	1	NW	1	WNW	2	SE	1	Calm	----	0	A.-Cu.	Cu.	4	A.-Cu.	Cu.
30	S	1	SE	1	S	2	SW	3	N	1	SE	1	0	A.-Cu.	Cu.	0	------	Cu.
31	ESE	1	NE	1	N	2	NW	3	N	2	NE	1	0	------	Cu.	0	------	Cu.
Mean	------	1	------	1.1	------	1.5	------	3	------	1.4	------	1.1	1.1	------	------	1	------	------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 20 meters; gravity correction not applied, —1.61 mm.]

APRIL, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.27	59.86	61.19	59.64	59.94	60.84	26	25.7	29.5	31	28.5	27	33.8	24.7	70	71	65	62	74	78	------
2	59.28	60.16	61.64	59.61	60.14	61.46	26.9	25.8	29.7	30.6	28.5	27.1	32.9	24.6	68	74	70	63	75	80	------
3	60.22	60.63	62.29	59.90	60.07	61.29	26.6	26.2	29.9	30	27.1	26.1	32.1	25.1	80	80	70	67	77	79	------
4	59.81	60.62	62.33	59.86	59.64	60.30	25.6	24.4	29	29.7	27.9	25.5	31	23.1	78	82	68	61	71	81	------
5	59.17	60.05	61.03	58.82	58.77	60.17	25	24.2	29	30.1	28.4	25.9	33	22.6	76	78	69	71	74	81	------
6	59.18	59.40	60.44	58.94	58.59	59.82	26	23.6	30	29.6	27.1	25.8	31.9	23.3	81	83	61	58	73	77	------
7	58.40	58.11	60.01	57.69	57.31	58.90	25.3	25.5	26.8	29.1	26.5	25.5	30.5	24	79	74	72	64	70	72	0.3
8	57.72	58.32	59.53	58.13	58.50	60.05	25	24.6	28	30.5	28.2	27	33.6	24							
9	58.76	59.47	60.44	58.62	59.18	60.72	25.5	24.8	29.5	29.7	27	25.5	32	23.9	79	80	63	63	66	75	------
10	59.50	60.30	60.64	58.91	59.18	60.43	24	23	30	31	27.3	24.8	31.2	22.5	81	79	54	59	76	83	------
11	58.85	59.92	60.41	58.69	59.24	60.47	23.7	24.5	29.5	30.5	28.6	26.5	33.4	22.9	85	79	62	62	66	81	------
12	59.26	60.32	61.52	59.69	59.62	60.29	25.5	25.7	29	30.2	29.3	26.3	33.4	23.4	76	76	62	60	70	82	------
13	59.46	59.95	60.97	59.41	59.52	60.48	26	26	29.1	31.1	29.1	27.5	33.8	24.5	82	84	71	56	71	78	------
14	59.07	59.86	60.56	59.13	59.16	60.05	27	25	29.6	31.2	28.4	26.9	32	24.5	72	76	67	61	67	74	------
15	58.83	59.77	60.59	58.42	58.50	59.63	25.9	25.1	30.5	30.4	28	26	31.6	23.7	72	72	56	56	72	77	------
16	57.93	58.67	59.52	57.17	57.77	59.42	25	25.6	30.2	31	30.4	28.1	32.6	23.8	73	75	60	59	55	73	------
17	58.32	58.63	59.24	57.98	58.63	59.63	27.4	26.5	31	31.4	29	27	32.5	25	73	68	57	62	71	77	------
18	58.57	58.66	60.08	58.20	58.28	60.13	26.4	25.1	31.2	31.6	29.5	28.1	33.5	24.9	73	75	55	51	67	77	------
19	59.29	59.35	59.82	57.83	57.36	58.68	25.9	25.4	30.5	31	28.3	27	32.4	25	81	78	63	61	73	80	------
20	57.29	58.20	58.84	57.40	57.99	58.93	25.4	26.1	30.2	31.5	28.7	27.1	33.2	24.8	84	79	66	63	72	77	------
21	58.20	58.48	59.16	57.93	58.44	59.25	25.7	24.5	29.5	30.9	29	26.5	33.9	24.5	82	83	70	64	69	74	------
22	58.10	58.57	59.87	57.76	57.92	59.73	25.6	24.2	30	30.8	28.9	26.9	32.5	24.2	79	77	64	61	69	77	------
23	58.26	58.51	59.61	58.12	58.17	59.23	26	25.5	31.6	31	28.1	26	32	24	74	72	52	50	72	79	------
24	58.03	58.49	58.81	57.18	57.21	58.90	24	23.6	31.8	31.5	29.1	26	33.1	23.1	82	80	44	51	67	79	------
25	57.97	58.55	59.46	57.92	58.46	59.13	25	24.9	29.9	31.4	28.9	26.5	32.6	24.7	83	70	59	58	74	84	------
26	58.20	59.06	59.66	58.33	58.49	59.43	25.6	24.7	30.4	30.6	29.1	26.8	32.5	24.6	84	89	63	67	66	80	------
27	57.75	58.84	60.05	57.91	57.63	58.69	25.5	25	30.2	30.7	28.6	26.2	32.1	24.5	86	87	66	65	69	83	------
28	57.95	58.18	58.86	57.68	57.73	58.08	25.5	24	31.2	31.2	28.5	26.6	33.1	23.8	83	84	51	56	75	80	------
29	57.60	58.20	58.87	57.01	57.46	58.72	25.3	24.4	31.4	33	28.9	27.5	34	24	81	81	42	46	71	71	------
30	57.29	58.58	59.31	57.30	56.97	58.41	25.6	24.2	30.6	31.7	30.1	28.3	33.4	23.6	75	82	58	53	59	75	------
Mean	58.58	59.19	60.16	58.37	58.53	59.71	25.6	24.9	30	30.8	28.2	26.6	32.7	24	78.3	78.2	61.4	59.7	70	78.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	0.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	NNE	1	SE	2	NNW	3	N	1	N	1	0	Ci.	Cu.	0	------------	Cu.
2	S	1	ENE	1	WSW	2	N	2	N	2	NE	1	0	Ci.	Cu.	0	------------	Cu.
3	Calm	----	SSE	1	NW	2	W	3	NE	3	N	1	1	Ci.	S.-Cu.	0	------------	Cu.
4	NW	1	E	1	NW	1	N	4	NW	2	NE	1	1	Ci.	S.-Cu.	0	Ci.-S.	Cu.
5	Calm	----	NE	1	SE	3	E	3	N	1	S	1	0	Ci.	Cu.	0	------------	Cu.
6	N	1	NE	1	N	2	NW	4	N	2	NW	1	0	------------	Cu.	0	------------	Cu.
7	E	1	NNE	1	ENE	1	N	1	NE	1	N	1	9	Ci.-S.	S.-Cu.	4	A.-Cu.	Cu.
8	E	1	ENE	2	SW	1	SSW	5	SW	1	S	1	0	Ci.	Cu.	1	A.-Cu.	Cu. SSW
9	SE	1	ESE	1	S	3	W	2	N	1	N	1	0	Ci.	Cu.	0	------------	Cu.
10	NE	1	E	1	NW	2	N	3	NE	3	N	1	0	Ci.	Cu.	0	------------	Cu.
11	NW	1	ESE	1	S	1	SW	2	N	2	Calm	----	0	Ci.	Cu.	0	Ci.-S.	Cu.
12	Calm	----	E	1	SSE	2	SSW	3	SE	1	E	1	0	Ci.	Cu.	0	Ci.	Cu.
13	Calm	----	S	1	SSW	2	SSW	3	NW	1	N	1	0	Ci.	Cu.	0	Ci.	Cu.
14	Calm	----	E	1	WNW	2	W	2	N	1	NNW	1	0	Ci.	Cu.	0	------------	Cu.
15	NW	1	ESE	1	N	2	N	4	NE	3	N	2	0	Ci.	Cu.	0	Ci.-S.	Cu.
16	NW	1	NNE	1	W	2	W	3	WbyS	1	S	1	0	Ci.	Cu.	0	A.-Cu.	Cu.
17	SE	1	SSE	1	WbyS	2	WNW	3	N	2	NE	1	0	Ci.	Cu.	0	Ci.	Cu.
18	Calm	----	EbyN	1	WNW	2	NW	2	N	1	E	1	0	Ci.	Cu.	1	Ci.	Cu.
19	SE	1	E	1	SW	1	NW	4	N	3	NE	1	0	Ci.	Cu.	0	Ci.	Cu.
20	Calm	----	SSE	1	WSW	1	WNW	2	N	2	SE	1	0	Ci.	Cu.	0	Ci.	Cu.
21	E	1	E	1	WSW	2	NW	3	N	2	NE	1	0	Ci.	Cu.	0	Ci.	Cu.
22	NEbyN	1	NE	1	N	2	NNW	2	N	1	NNE	1	0	Ci.	Cu.	0	Ci.	Cu.
23	Calm	----	E	1	NNW	2	NNW	2	N	1	NW	1	0	Ci.	Cu.	1	Ci.-S.	Cu.
24	E	1	SE	1	W	1	W	1	N	2	E	1	0	Ci.	Cu.	0	Ci.	Cu.
25	SE	1	ESE	1	S	2	N	2	N	1	NE	1	0	Ci.	Cu.	3	Ci.-S.	Cu.
26	Calm	----	ESE	1	S	2	NNW	3	N	1	NNE	1	1	Ci.-S.	Cu.	1	Ci.-S.	Cu. WNW
27	SE	1	SEbyS	1	NNW	2	NNW	3	N	2	NE	1	0	Ci.	Cu.	0	------------	Cu.
28	Calm	----	E	1	NW	2	NNW	3	NNW	1	NNE	1	0	Ci.	Cu.	1	Ci.	Cu.
29	E	1	ENE	1	N	3	NW	4	NNW	3	N	2	0	Ci.	Cu.	0	Ci.-S.	Cu.
30	NEbyN	1	ENE	1	WSW	2	WNW	2	NNW	1	Calm	----	0	Ci.	Cu.	1	A.-Cu.	Cu.
Mean	------	0.6	------	1	------	1.9	------	2.8	------	1.6	------	1	0.4	------------	------------	0.4	------------	------------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 20 meters; gravity correction not applied, —1.61 mm.]

MAY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.07	58	59.07	57.37	57.39	59.21	27	26.6	30.6	31	29.5	29.1	33.1	26.5	71	71	64	60	61	61	------
2	57.86	57.98	59.32	57.55	58.20	58.59	27.5	26.3	29.4	31.1	29.3	26.9	33.1	26.1	73	76	68	62	62	70	------
3	58.32	59.38	60.12	58.36	58.16	58.58	26.3	25.2	31.5	32.1	29.6	27	33.5	25.2	76	78	60	58	52	68	------
4	57.60	58.80	59.96	58.13	59.07	58.80	25.9	25.1	31.1	30.9	29	26	34	25	77	80	62	66	56	71	------
5	57.82	58.40	59.21	57.31	57.21	57.88	25.1	25	32.5	31	29.7	27.5	33.6	24.2	79	73	53	67	73	81	------
6	57.14	57.49	58.47	56.84	56.61	57.74	26	25.9	31.8	31.9	30	28.1	34.5	25.5	82	80	58	61	69	80	------
7	57.17	57.50	58.25	56.95	56.63	58.04	27	26.5	31.5	31.5	30	28.3	33	26	77	77	63	66	68	79	------
8	56.76	57.08	58.13	56.05	56.55	58.24	27.1	26.4	31.8	32.6	30	28.2	34.5	26.2	75	77	59	58	74	77	------
9	56.91	56.77	58.08	56.75	57.56	58.48	26.7	26.5	32	31.1	25.9	26.2	33.9	24.1	77	76	58	69	88	84	24.1
10	57.54	58.94	59.28	57.48	58.11	59.75	25.5	25.5	30.5	30.6	29.2	27	31.9	25.1	88	84	66	60	74	83	------
11	58.67	59.12	59.61	58.07	58.37	59.48	26.5	26.5	29.9	31.3	27.5	26.7	32.3	26	85	82	72	70	77	79	1.5
12	58.48	58.93	59.83	58.13	58.69	59.32	26	26.1	31	29.9	26	25.9	32.4	25.6	84	79	64	72	82	81	------
13	57.77	58.10	58.71	56.68	57.51	59.45	26	25.5	31.5	31.6	29.1	25.3	32.6	25	80	80	57	62	78	89	3.8
14	56.60	57.50	58.53	57.25	58.37	59	25.1	25.2	29.8	30.7	27	25	31.5	25	87	87	72	69	87	95	26.9
15	57.25	57.39	58.62	57.57	57.99	59.64	25	25	30	31.1	29.1	27	32.3	23.5	88	88	73	66	80	88	2.8
16	58.80	58.58	59.46	58.03	57.86	59.58	25	25.5	30.8	31.1	29	27	31.9	24.4	92	94	67	71	75	91	------
17	58.44	58.40	59.11	57.62	57.91	59.40	27	26	31	31.8	28	26.9	33	25.5	88	89	68	68	81	84	.3
18	58.48	57.98	59.86	58.40	58.40	59.88	26.3	26	30	31.2	30.1	28.9	32.5	25.9	85	87	68	64	77	86	------
19	58.46	59.17	60	58.09	57.41	59.01	27	26	31.6	32	29.9	28.6	33.3	25.7	83	85	64	65	78	82	------
20	58.06	58.63	58.70	57.07	57.05	58.53	27.3	26.6	32.3	31.8	30.1	28.6	33.9	26.2	88	87	59	64	70	76	------
21	57.44	57.37	58.16	57.20	58.16	59.18	27.9	26.8	30.8	32	30.5	29.3	32.9	26.6	78	79	68	65	68	69	------
22	58.12	58.08	59.13	58.36	58.86	61.11	27.4	26.4	32	32.5	30.4	22.9	33.5	21.4	76	78	60	62	72	97	19.6
23	59.39	59.68	60.21	58.63	59.46	61.02	25.3	25.4	30.5	31	29.7	27.2	32.3	22.9	85	84	61	68	75	87	3
24	58.81	59.47	59.30	57.44	57.28	59.26	26.3	26.2	31.5	31.9	30.6	27.8	33.5	25.6	86	83	63	60	69	79	------
25	58.09	57.32	58.20	56.16	56.96	58.36	26.5	25.8	30.5	31.9	30.5	27.5	32.7	25.2	80	80	65	65	73	87	.3
26	56.76	57.23	58.08	56.62	56.73	58.31	26	26	30.2	31.6	30.1	26.2	32.7	25.1	79	81	74	65	77	94	9.7
27	57.18	57.74	57.77	56.06	56.79	59.10	26.9	26	28.4	29	25.3	25.2	29.4	25	88	96	84	81	86	98	7.9
28	57.14	56.53	57.63	56.39	56.48	58.34	25	25	30	30	28.4	24.9	31.6	23.9	92	88	71	71	82	96	24.1
29	57.74	58.05	58.68	57.31	58.73	58.91	24.6	24.5	29.5	28.9	23.7	24.1	31.4	23	96	96	73	82	91	95	9.1
30	56.81	57.15	57.47	55.27	55.78	57.52	24.1	24.1	30	30.5	29.5	27.8	31.5	23.6	93	95	76	66	75	85	21.8
31	56.78	56.97	57.77	55.70	56.58	58.68	26	25.5	30.6	31.4	24.3	25.6	32.1	23.6	82	84	66	69	92	87	1.3
Mean	57.72	58.06	58.86	57.25	57.64	58.98	26.2	25.8	30.8	31.2	28.7	26.9	32.7	24.9	82.9	83	65.7	66.2	74.9	83.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	156.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	ENE	1	NW	2	N	3	NbyW	1	ENE	1	4	A.-Cu.	S.-Cu.	4	A.-Cu.	Cu.
2	E	1	NNE	1	SSW	2	W	2	ESE	2	SE	2	4	A.-Cu.	Cu.	2	Ci.-S.	Cu.
3	NW	1	ESE	1	WSW	2	NW	4	NE	1	SE	1	0	Ci.	Cu.	0	------------	Cu.
4	NEbyE	1	EbyS	1	WSW	2	NNW	3	ENE	4	E	1	0	Ci.	Cu.	1	------------	Cu. NW
5	SE	1	ESE	2	NNW	1	WNW	2	N	2	NNE	1	0	Ci.-S.	Cu.	0	Ci.-S.	Cu.
6	NE	1	SE	1	WNW	1	NW	2	NbyW	2	NNE	1	0	------------	Cu.	0	Ci.-S.	Cu.
7	E	1	E	1	SSW	2	WNW	3	N	1	NNE	1	0	------------	Cu.	1	------------	Cu.
8	SE	1	ESE	1	SW	2	NW	3	N	2	ENE	1	0	Ci.	Cu.	0	Ci.	Cu.
9	SE	1	ESE	1	WSW	2	NbyW	4	NNE	1	NW	1	0	Ci.	Cu.	1	Ci.-S.	Cu.
10	Calm	----	SEbyE	1	W	1	NNW	4	N	3	S	1	0	Ci.-S.	Cu.	5	Ci.-S.	Cu.
11	SSE	1	SEbyE	1	S	2	W	2	SE	2	E	1	6	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu. WNW
12	ESE	1	E	2	SW	1	N	4	E	2	SE	2	9	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
13	Calm	----	E	1	S	1	W	2	wbys	1	S	1	5	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
14	SE	2	SSE	1	S	2	S	3	Calm	----	NE	1	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu. SW
15	SE	1	Calm	----	S	2	SW	1	Calm	----	NE	1	1	Ci.	Cu.	2	Ci.-S.	Cu. SW
16	N	1	S	1	Calm	----	NW	2	N	2	NW	1	7	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
17	Calm	----	ESE	1	S	2	NWbyN	2	E	1	NE	1	4	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. NW
18	SW	1	ENE	1	WbyS	1	SSW	2	N	1	Calm	----	7	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
19	NW	1	EbyS	1	SSW	1	W	2	N	2	NNE	1	0	Ci.-S.	Cu.	0	Ci.	Cu.
20	Calm	----	Calm	----	NNW	2	NW	3	N	2	Calm	----	0	Ci.-S.	Cu.	0	Ci.-S.	Cu.
21	SE	1	SSE	1	SSW	2	S	2	Calm	----	SE	1	0	Ci.	Cu.	0	Ci.	Cu. SW
22	E	1	SE	1	SSW	1	W	2	N	1	SE	1	0	Ci.	Cu.	0	Ci.-S.	Cu.
23	EbyS	1	SE	1	W	1	SW	2	NNW	1	S	2	0	Ci.-S.	Cu.	0	Ci.	Cu.
24	NEbyE	1	SE	1	NE	1	SW	1	NNW	1	Calm	----	4	A.-Cu.	Cu.	0	Ci.-S.	Cu.
25	SE	1	ESE	1	S	2	W	2	SW	1	SE	1	4	Ci.	S.-Cu.	1	Ci.-S.	Cu.
26	E	1	SSE	1	S	1	S	2	sbyw	1	Calm	----	0	Ci.	Cu.	3	Ci.-S.	Cu. SSW
27	SE	1	SbyE	1	S	1	S	2	W	1	SE	1	10	------------	N. S	10	Ci.-S.	Cu.
28	SSE	1	ESE	1	S	1	WbyN	1	Calm	----	S	1	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
29	Calm	----	ESE	1	NNE	1	NNW	2	S	1	SbyE	1	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
30	Calm	----	ESE	1	SW	1	NNW	1	NbyW	1	Calm	----	6	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
31	Calm	----	E	1	WbyN	1	NbyW	2	N	1	E	1	1	Ci.	Cu.	0	Ci.-S.	Cu.
Mean	-------	0.8	-------	1	-------	1.4	-------	2.3	-------	1.3	-------	0.9	3.2	------------	------------	2.8	------------	------------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 20 meters; gravity correction not applied, —1.61 mm.]

JUNE, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.69	57.55	58.31	57.07	57.26	58.74	25.3	25.5	30	31.5	28	26.1	32.4	24.8	88	87	74	72	81	86	0.3
2	57.60	58.46	59.38	57.38	56.69	57.68	25.5	25.1	31	32.2	29.4	27.6	33	24.6	88	90	59	62	79	87	------
3	57.05	57.13	57.73	56.51	56.87	58.23	26.7	26.5	32.1	31.6	30.6	28.4	33.2	26.1	83	88	66	66	77	88	------
4	57.52	58.03	58.08	57.44	56.54	58.43	27	26.8	31.7	32.2	30.9	28.1	33.3	26	84	86	68	69	70	77	------
5	57.67	58.13	58.19	57.50	57.17	58.51	27	26.5	31.6	31.5	30.4	28.5	33.2	26.3	83	83	63	66	74	82	------
6	57.56	57.35	57.71	56.97	57.06	58.59	27.3	26.8	31.6	32.5	31.4	26	33.4	25.7	81	83	65	66	74	78	2.5
7	57.79	58.20	58.91	57.99	57.75	59.01	25.8	25.7	31.2	32.1	31.5	29	33.1	25.3	78	80	65	65	66	77	------
8	58.24	58.76	59.10	57.79	58.42	59.46	27.5	27	31.8	32.6	31.6	28.3	33.6	26.8	88	90	67	69	72	82	------
9	57.77	58.22	59.02	58.16	57.66	58.48	26.8.	26.5	31.6	31.8	31	28.1	33.2	26.1	84	85	65	70	72	80	------
10	57.71	58.33	58.77	57.41	57.11	58.56	26	26.4	32.5	32.1	31.1	28.5	34.7	25.8	88	84	65	69	71	87	1
11	57.92	58.22	58.68	56.84	56.66	58.46	27	26.6	31.9	33.5	30.9	29.2	33.6	26	86	88	67	61	71	83	------
12	57.54	57.57	58.73	57.51	57.87	59.23	27.5	27	31	32	29.3	28.4?	33	26.9	86	88	72	67	88?	80	1.5
13	58.44	58.84	59.78	58.48	58.66	61.59	27.5	26.8	30.3	29.6	29.5	25	32.1	24.8	84	85	73	71	81	95	20.1
14	59.83	59.10	58.73	57.85	59.03	60	24.9	24.6	31.3	30.9	29	26.5	32.4	24	92	92	64	65	85	93	1.8
15	59.22	59.39	59.88	58.67	58.96	60.64	25.5	25.5	30	31.3	29.5	25.9	32.4	25	88	89	67	66	81	88	1.8
16	58.84	58.79	59.64	58.75	58.83	59.74	25	25.5	30.5	29.9	25.9	25.1	31.8	24.1	92	88	66	75	92	94	2
17	58.91	59.11	59.91	58.25	58.04	59.63	25	25	29	31.1	28.9	25.9	32.1	24.5	92	93	74	69	76	90	5.1
18	58.20	58.65	58.69	57.72	57.23	58.24	25.1	24.5	29	29.9	29	27.9	30.8	23.7	91	97	75	71	74	82	.8
19	56.85	57.15	57.34	56.39	56.08	57.19	26.1	26	30	29.5	25.6	25.1	30.5	24.6	92	94	65	71	87	92	------
20	56.12	55.97	55.66	55.28	54.79	56.05	26.4	26.1	30	29.5	28.4	27	32	24	81	83	65	70	77	78	------
21	54.69	54.61	55.19	54.82	54.83	56.28	28	26.4	29.6	28.1	26	23.6	31	23.6	70	85	70	80	88	98	2
22	54.69	54.82	55.16	54.51	55.01	56.28	24.5	26.6	30	30.4	29	28.1	31.6	23.5	92	76	58	61	71	80	------
23	55.59	56.69	56.81	57.13	58.02	59	27.2	25.5	30	30.2	26.3	25.4	32.9	24.9	76	81	65	64	81	84	1
24	57.76	58.74	59.08	58.16	58.86	59.82	25	23.4	30	31.1	28.6	26.4	32	22.9	80	88	67	65	78	79	------
25	58.54	58.48	58.94	57.40	57.78	58.63	25	24.5	30	30.5	28	27	31.9	24.2	88	88	71	74	92	92	1
26	57.54	57.60	58.02	56.55	56.79	58.22	26	25.2	30.6	31.5	29.6	26.5	34	25	89	94	71	68	75	87	------
27	57.25	57.18	57.32	56.23	57.09	59.04	26	25.9	31.5	32	25.5	25.1	33	24.7	88	85	62	66	91	91	3.3
28	57.55	57.31	57.44	56.92	57.57	60.18	24.9	25	30.8	32	29.7	24.5	32.5	23.4	88	87	61	63	77	89	12.2
29	58.64	58.71	59.54	57.83	58.18	59.44	25.3	25	31.4	31.9	29.9	26.9	33	24	80	81	63	63	75	86	------
30	59	58.95	59.93	58.33	58.17	58.52	26.5	25.5	31	29.5	27.9	26.1	33	25.4	90	88	72	81	77	89	2.8
Mean	57.66	57.87	58.32	57.26	57.37	58.73	26.1	25.8	30.8	31.2	29.1	26.8	32.6	24.9	85.7	86.9	66.8	68.2	78.4	85.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	59.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	EbyN	1	ESE	1	S	2	SSW	2	EbyN	1	E	1	0	Ci.	Cu.	1	Ci.-S.	Cu.
2	EbyS	1	ESE	1	SSW	1	WNW	1	N	1	NE	1	0	Ci.	Cu.	0	Ci.-S.	Cu.
3	EbyN	1	SE	1	SW	1	W	2	N	1	NE	1	0	Ci.-S.	Cu.	0	------------	Cu.
4	SE	1	SSE	1	S	1	SW	2	NNW	1	E	1	0	Ci.	Cu.	1	Ci.-S.	Cu.
5	SE	1	SE	1	NNW	1	N	2	NbyW	2	NEbyN	1	1	A.-Cu.	Cu.	1	Ci.	Cu. NE
6	E	1	EbyS	1	SSW	1	SW	1	SWbyW	1	SE	2	0	Ci.	Cu.	0	Ci.	Cu.
7	E	1	EbyS	1	S	1	W	2	NW	1	NE	1	0	Ci.	Cu.	3	Ci.-S.	Cu.
8	Calm	----	ESE	1	SW	1	NWbyW	2	N	1	NE	1	0	Ci.-S.	Cu.	0	Ci.-S.	Cu. NNW
9	EbyS	1	EbyS	1	SW	1	W	2	N	1	Calm	----	4	Ci.-S.	Cu.	1	Ci.-S.	Cu. WbyN
10	E	1	ESE	1	N	1	WbyN	3	N	1	NE	1	0	Ci.	Cu.	0	Ci.-S.	Cu. W
11	Calm	----	NE	1	NNW	1	N	2	NbyW	1	Calm	----	0	Ci.	Cu.	0	Ci.	Cu.
12	E	1	ESE	1	S	2	SSW	1	Calm	----	SW	1	0	Ci.	Cu.	1	Ci.-S.	Cu.
13	SE	1	Calm	----	S	2	SbyW	2	E	1	Calm	----	0	Ci.	Cu.	8	Ci.-S.	S.-Cu.
14	NE	1	ESE	1	SSE	1	SSW	1	Calm	----	Calm	----	0	Ci.	Cu.	0	Ci.-S.	Cu.
15	E	1	SE	1	S	1	W	2	SW	1	NE	1	0	Ci.	Cu.	0	Ci. ENE	Cu.
16	Calm	----	SE	1	SSW	2	NW	1	Calm	----	SE	1	8	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. WNW
17	Calm	----	SE	1	SSE	1	S	1	SbyW	1	SE	1	2	Ci.	Cu.	4	Ci.-S.	Cu.
18	ENE	1	SE	1	S	3	S	3	SW	2	SSE	2	9	A.-Cu.	Cu.-N. S	4	Ci.-S.	Cu. SSW
19	EbyN	3	SSE	4	S	3	S	4	SSE	2	S	4	9	Ci.-S.	Cu.-N. SSW	10	Ci.-S.	Cu.
20	SE	2	SSE	1	S	2	S	5	S	4	SbyE	3	2	Ci.-S.	Cu.	7	Ci.-S.	Cu. SSW
21	SE	2	SSE	1	S	3	S	6	SSE	3	SE	2	4	Ci.	Cu. SSW	10	Ci.-S.	Cu.
22	SSE	1	S	3	S	3	SbyW	4	SSW	5	SE	3	10	Ci.-S.	S.-Cu.	9	A.-Cu.	S.-Cu.
23	SEbyS	1	EbyS	1	WbyS	1	SSE	3	SE	1	SEbyE	1	3	A.-Cu.	S.-Cu.	4	A.-Cu.	Cu.
24	E	1	E	1	WNW	1	NW	1	NE	1	ESE	1	0	Ci.-Cu.	Cu.	1	Ci.-S.	Cu.
25	EbyN	1	ESE	1	W	1	WbyN	2	Calm	----	Calm	----	0	Ci.	Cu.	6	Ci.-S.	Cu. W
26	NE	1	Calm	----	SW	1	NW	1	NbyW	1	SEbyE	1	3	Ci.	Cu.	2	Ci.-S.	Cu. NWbyW
27	E	1	SSE	1	S	2	SW	2	SE	1	SEbyS	1	1	Ci.-S.	Cu.	5	Ci.-S.	Cu. SW
28	SEbyE	1	SE	1	SSW	1	SSE	2	SbyW	1	ENE	1	6	Ci.-S.	Cu.	1	A.-Cu.	Cu.
29	E	2	E	1	ENE	1	SW	1	Calm	----	Calm	----	1	A.-Cu.	Cu.	0	Ci.-S.	Cu.
30	Calm	----	EbyN	1	W	2	NbyW	1	Calm	----	Calm	----	0	Ci.	Cu.	9	Ci.-S.	Cu.-N.
Mean	-------	1	-------	1.1	-------	1.5	-------	2.1	-------	1.2		1.1	2.1	------------	------------	3.2	------------	------------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 20 meters; gravity correction not applied, —1.61 mm.]

JULY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.44	57.19	57.98	56.36	56.16	57.38	25.7	25.5	30	30.6	28.3	26.1	32.1	24.5	84	85	65	71	86	83	0.3
2	55.75	55.73	56.56	55.45	56.18	57.74	24.6	24.6	31.5	31.1	30	26.6	33	24.2	91	87	57	61	75	85	------
3	55.94	56.25	57.36	56.08	56.61	57.79	25.1	25.4	30.6	32	27.6	26.1	33.1	24.8	91	86	65	63	87	91	------
4	57.14	57.21	57.46	56.10	56.31	58.09	25.5	25	31.6	32.6	30	26.5	33.1	24.7	86	88	59	60	74	90	------
5	57.72	57.79	57.59	56.96	57.18	58.28	26.1	25.8	30.5	32.9	27.4	25.7	34.1	25.3	88	89	67	61	89	91	1.5
6	57.54	57.58	58.02	56.31	56.53	57.33	25.4	25.1	29	31.5	25.6	25.5	32.6	25	89	89	80	70	91	96	4.6
7	56.35	56.60	56.93	56.08	56.38	57.33	25	25	29.5	30	24.8	25.1	31.4	24.4	97	94	79	73	95	95	36.8
8	56.38	56.14	55.98	55.26	55.74	56.85	24.6	24.9	29	30.5	28.4	25.5	32.1	24.4	97	92	76	72	78	92	.3
9	56.14	55.74	56.57	54.93	55.92	57.10	25.6	25.1	30.4	30.7	28.5	26.5	32.1	24.8	95	89	66	64	73	79	.5
10	56.53	55.82	56.85	55.77	55.91	57.29	26.1	25	29.4	31.4	28	26.5	31.7	24.4	87	91	65	66	73	86	2.8
11	56.69	56.55	56.34	55.65	55.96	57.53	26	25	30.8	31.5	29	25.4	32.4	24.9	86	91	64	63	74	94	1.8
12	56.17	55.90	56.92	55.23	55.55	57.04	25.1	25	30	30.5	27	24	32.1	24	88	88	69	68	91	96	56.9
13	55.74	54.46	54.32	52.95	53.35	55.40	24.5	24	23.7	24.1	25.5	26.2	26.9	23.2	92	97	100	100	88	82	176
14	54.87	55.55	56.12	55.64	56.42	57.67	26	24.4	29.7	29.5	27.3	25.8	31.5	24	79	87	67	75	80	85	------
15	57.48	58.24	58.25	58.19	58.87	61.13	25	24.4	30.5	31	28.2	24.8	32.7	23.8	90	91	68	65	81	93	1.3
16	59.04	59.60	60.29	59.11	58.28	59.83	24.5	23.7	30	31.5	27.5	25.6	32.4	23.4	88	91	71	73	89	94	------
17	57.76	57.27	56.43	55.04	55.79	57.09	25	24.6	32.7	33.6	28.1	27	34.9	24	92	91	55	50	84	88	------
18	56.19	56.43	56.77	55.77	56.57	58.05	25.5	25	30.1	31	26.8	24.6	32.4	24.1	88	92	68	65	82	90	5.6
19	57.34	57.89	57.96	57.43	58.46	59.64	24.9	24	31	30.2	27.2	24.5	32.9	23.7	88	91	67	74	86	92	21.8
20	59	59.24	59.47	58.06	57.78	59.91	24	24.3	30	30.5	27.9	24	31.9	23.7	94	91	71	70	85	96	2
21	58.48	58.18	58.48	57.14	56.93	58.51	25.1	23.6	28.3	28.4	27	25.3	30.4	23.5	89	98	82	78	84	93	.8
22	56.88	57	57.46	56.33	56.78	57.95	24.9	23.9	29	29.4	27.5	25	31.6	23.5	92	91	76	73	83	92	3.6
23	57.36	57.55	57.92	56.51	56.79	57.34	24.7	24.5	30.9	30.9	25.4	25.5	32.5	24.3	90	92	68	69	93	98	.3
24	56.65	56.68	56.76	54.99	55.76	56.27	25.3	24.9	31	31.1	29.2	25	32.5	24.5	89	93	67	77	81	93	5.3
25	55.45	55.38	55.77	54.78	55.51	56.59	24.9	24.5	30.5	29.6	24	24.5	32.1	24	89	92	75	79	97	95	15.5
26	54.62	54.82	55.17	53.95	53.51	53.42	24.8	24.1	26.5	25.6	25.2	25	26.9	24	88	95	88	94	94	97	33.8
27	50.91	51.32	52.85	52.07	50.50	52.25	25	25.6	24.6	24.4	24.6	24.2	26.7	23.5	98	98	98	96	97	97	102.4
28	49.77	49.37	49.97	47.98	46.24	47.34	25.5	25.8	26	24.3	25.4	24	28.6	22.4	98	78	89	99	85	95	190.8
29	41.95	33.98	47.07	48.93	51.32	53.62	23.5	24.5	26	25.2	25.1	26	26.3	23	96	100	92	94	92	91	87.4
30	53.76	54.80	56.10	56.05	56.56	57.16	26.5	26	26.9	26.7	26.2	25.4	28.9	24.8	92	92	85	87	94	92	12.2
31	56.60	57.22	58.19	57.22	56.79	57.80	25	24.7	28.1	28.9	28.6	26.1	29.7	24.1	92	94	79	78	81	91	------
Mean	55.79	55.60	56.45	55.43	55.70	56.99	25.1	24.8	29.3	29.7	27.1	25.4	31.3	24.1	90.4	91.1	73.5	73.8	85.2	91.4	
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	764.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	1	SSE	1	S	1	SW	1	Calm	----	E	1	0	Ci.	Cu.	2	Ci.-S.	Cu.
2	ESE	1	SEbyE	1	WSW	1	W	2	NNW	1	EbyN	1	0	Ci.	Cu.	1	Ci.-S.	Cu.
3	NE	1	E	1	SW	2	SW	2	NE	1	ENE	1	0	Ci.	Cu.	1	Ci.-S.	Cu.
4	Calm	----	SE	1	S	1	SbyW	1	S	1	ESE	1	1	Ci.	Cu.	6	Ci.-S.	Cu.
5	Calm		Calm	----	NNW	1	NW	2	E	1	ESE	1	1	Ci.-S.	Cu.	5	Ci.-S.	Cu.
6	SEbyE	1	SE	1	SSE	1	SW	2	E	1	EbyN	1	7	Ci.-S.	Cu.	5	Ci.-S.	Cu.
7	SE	1	SE	1	S	1	SSE	2	ESE	1	Calm	----	7	Ci.	S.-Cu.	8	Ci.-S.	Cu. WSW
8	Calm	----	SEbyE	1	SSW	1	SbyW	1	NE	2	E	1	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
9	SE	1	Calm	----	SSW	2	S	3	S	4	SE	1	2	A.-Cu.	Cu.	2	Ci.-S.	Cu.
10	SSE	2	SE	1	SSE	1	SbyW	3	S	2	SbyW	2	10	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
11	Calm	----	ESE	1	SE	1	S	2	SbyE	1	SE	1	10	Ci.-S.	N.	1	Ci.	Cu.
12	ESE	1	SbyE	1	S	2	S	3	Calm	----	SSE	1	0	Ci.-S.	Cu.	5	Ci.-S.	Cu.
13	E	1	SE	1	W	1	SSE	4	S	5	SbyE	6	10	------	N.	10	------	N.
14	SSE	3	SE	1	SSW	1	S	3	SbyE	1	SSE	1	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
15	Calm	----	E	1	ENE	1	W	2	SSW	1	SE	1	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
16	SE	1	E	1	SW	1	NNW	2	Calm	----	ENE	1	0	Ci.	Cu.	7	Ci.-S.	Cu. NW
17	ESE	1	NNE	1	NE	2	NE	2	SbyE	1	S	1	7	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
18	Calm	----	ESE	1	SWbyW	1	SW	1	NNE	1	NE	1	6	Ci.-S.	Cu.	2	Ci.-S.	Cu. SW
19	Calm	----	ENE	1	N	1	WSW	1	E	1	SE	1	1	Ci.-S.	Cu.	8	Ci.-S.	Cu.
20	E	1	ENE	1	NNW	1	NNW	1	NbyW	1	EbyS	1	9	Ci.-S.	S.-Cu.	8	A.-Cu.	Cu.
21	SSE	1	ENE	1	NW	1	SW	1	SE	1	SEbyS	1	4	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. WSW
22	ESE	1	E	1	SSW	1	WSW	1	S	1	NE	1	1	Ci.	Cu.	8	Ci.-S.	Cu. SW
23	Calm	----	ESE	1	SE	1	WbyN	1	NE	1	NNE	1	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu. NEbyN
24	E	1	SE	1	NNW	1	NNW	1	NbyW	1	SSE	1	4	Ci.-S.	Cu.	9	Ci.-S.	Cu.
25	SEbyS	1	E	1	NW	1	SWbyS	1	SSE	1	SbyE	1	1	Ci.	Cu.	10	Ci.-S.	Cu.-N.
26	SE	1	ENE	1	NNE	1	SbyW	2	SSW	1	S	2	10	------	S.-Cu.	10	------	N.
27	S	3	SW	4	S	2	SWbyS	2	SEbyS	1	S	1	10	------	Cu.-N.	10	------	N.
28	SSE	4	SEbyS	3	SSE	5	SEbyS	4	SSE	4	SE	6	10	------	Cu.-N. SSW	10	------	N.
29	SSE	11	SSE	12	WbyN	8	WbyS	3	NbyW	5	W	2	10	------	N.	10	------	N.
30	WbyS	3	WSW	1	S	1	S	2	S	1	SSE	1	9	Ci.-S.	S.-Cu.	10	Ci.-S.	N. SW
31	SE	1	E	1	S	1	SbyW	2	SSW	1	S	1	5	Ci.-S.	Cu.-N.	1	Ci.-S.	Cu.
Mean	------	1.4	------	1.5	------	1.5	------	1.9	------	1.4	------	1.4	5.5	------	------	6.6	------	------

VIGAN.

[φ=17° 34′ N; λ=120° 23′ E; barometer above sea, 20 meters; gravity correction not applied, —1.61 mm.]

AUGUST, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.66	56.87	57.64	56.53	56.40	57.41	25	24.7	28	28.6	26.1	25.3	29.6	23.7	87	90	81	81	91	93	22.6
2	56.28	56.10	56.65	55.64	55.82	56.20	24.6	24.6	26.4	26.5	24.3	24.1	27	23	95	96	92	91	95	91	83.6
3	55.64	55.40	56.03	55.63	55.69	57.64	24.2	24.1	27.5	28.4	24.6	25.1	29.5	23	94	91	81	80	96	95	25.1
4	56.20	56.04	56.57	55.84	56.81	58.04	24.8	24.6	28.6	27.5	26	24.8	30.6	23.7	91	89	71	84	92	92	4.8
5	55.99	56.76	57.49	56.49	56.58	58.70	24.5	24	28.1	29.2	26.8	25.4	30.1	23	87	87	70	74	82	88	51.6
6	57.20	57.26	57.84	56.97	57.10	58.73	24.5	24.4	27.6	29	26.9	26	30	23.2	89	91	79	76	89	90	19.3
7	57.65	57.38	58.14	57.33	57.37	59.03	25.7	25.6	28.7	28.1	28.1	27.8	29.9	24.4	86	84	78	80	83	84	2.5
8	57.87	57.90	58.48	57.77	57.73	59.23	27	26.1	29.5	30	28.3	26.5	30.6	24.8	86	90	75	75	79	88	------
9	57.85	58.36	59.48	58.51	58.92	59.64	25.5	26.4	29.5	30	28.1	28	30.8	25.2	91	85	70	71	81	85	------
10	58.75	58.78	59.27	58.49	58.54	59.43	27.1	26.5	30.1	29.6	28.1	27.9	31	26	81	85	67	71	82	84	------
11	58.73	58.60	59.03	57.54	57.64	59.38	27	26.4	29	30.5	28.5	27	31.1	26.1	78	79	74	72	79	86	2.3
12	57.53	57.75	58.78	57.31	57.02	58.40	25.2	25.6	29.5	31	29.5	26.9	31.4	25	91	88	75	69	75	89	------
13	57.94	58.60	59.58	58.61	58.31	60.02	26.7	26.5	30	30.6	29.6	26.2	31.6	25	86	82	75	71	74	91	------
14	59.19	59.10	59.71	58.74	59.02	59.98	25.1	25.2	31	31.9	28.4	27	32.5	24.8	92	90	62	65	79	87	------
15	58.45	58.36	59.01	57.81	57.53	58.48	25.5	25	30	30.5	29	25.9	31.9	24.6	92	88	68	66	73	88	------
16	57.19	57.18	57.93	56.83	55.96	57.09	25	25	30.2	30.6	28.6	26.4	31.6	24.4	88	82	63	68	76	86	8.7
17	56.64	56.93	57.89	56.71	56.78	58.58	25.4	25.5	29	30.3	28.3	27	31.1	24.9	93	88	76	68	80	86	------
18	57.94	57.19	58.89	57.67	58.27	59.43	24.5	25.1	29.7	30	28	26	31.5	24.2	92	88	67	71	82	89	.5
19	58.29	58.51	59.52	58.01	58.42	59.58	25.5	24.9	29.2	30.1	28.4	25.5	31.2	24.4	88	89	70	69	78	84	1.8
20	57.78	58.78	58.47	57.31	57.53	58.72	25.2	24.5	29.7	30.5	28.5	26.2	31.5	24.4	86	89	64	68	78	86	------
21	58.18	58.45	59.42	58.26	58.29	59.08	25.4	24.6	30.9	31	29.1	27	32	24.5	88	91	67	68	74	81	------
22	58.30	58.90	59.52	57.74	57.72	59.98	25.5	24.9	31	31.2	29.1	26	33	23.8	81	79	62	67	74	94	29.7
23	58.49	58.39	59.16	58.03	58.01	59.29	25.2	25	31.2	31.1	29.6	26.4	32.2	23.1	94	89	68	71	74	85	------
24	58.14	58.53	58.97	57.98	59.07	59.15	26.2	25.4	31.8	31	25	25	32.5	24.5	79	84	56	72	87	83	3
25	58.38	58.40	58.83	57.48	57.01	57.69	24.5	24.1	31	31.5	28.5	26.4	32.5	23.9	86	86	59	70	66	79	------
26	57.16	57.99	58.56	56.33	57.16	58.86	26.3	25.4	31.9	32.5	30.3	25.6	33.4	22.6	78	81	58	59	71	81	35.3
27	57.43	57.98	58.91	57.07	57.40	59.38	25	24.5	31.4	32	30.1	26.7	32.7	23	87	87	66	61	75	90	2.3
28	57.90	58.07	58.96	57.22	57.40	59.33	25.6	25	30.9	32	24.9	24	32.9	21.7	88	92	67	69	80	87	33
29	57.87	57.90	58.42	56.91	57.38	58.38	23.6	24	30.5	32	29.5	27	33.3	23	88	83	64	57	77	83	------
30	57.53	57.70	58.37	57.09	56.74	57.99	25.9	24.9	32	32.1	29.5	26.8	33.4	24.5	85	88	66	66	78	89	------
31	57.58	57.88	58.81	56.98	57.01	58.53	26.5	25.5	31.4	31.5	30	28	33	25.4	88	88	63	68	74	88	------
Mean	57.64	57.81	58.53	57.32	57.44	58.75	25.4	25.1	29.8	30.3	28.1	26.3	31.5	24.1	87.6	87.1	69.5	70.9	79.8	87.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	326.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	SE	1	SSE	2	SSW	2	SW	1	SSE	1	0	Ci.	Cu.	9	Ci.-S.	Cu.-N.
2	SE	1	SbyE	1	SbyE	1	SSE	1	EbyS	1	SE	1	10	------------	N. SSW	10	Ci.-S.	Cu.-N.SW
3	SEbyE	1	ESE	1	SSE	2	SSW	2	EbyS	1	SEbyE	1	6	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
4	Calm	----	ESE	1	SSE	2	WbyS	2	SWbyS	1	SE	1	3	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N.SWbyW
5	SEbyE	1	ESE	1	S	1	SSW	2	SSE	1	SEbyS	1	3	Ci.	Cu.-N.	2	A.-Cu.	Cu. SSW
6	SE	1	SEbyE	1	S	1	S	2	SbyW	1	S	1	6	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu. SSW
7	Calm	----	S	1	S	2	SSW	2	SSW	2	S	2	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
8	SbyE	2	SSE	1	SbyE	2	SSW	2	S	2	SSE	1	10	Ci.-S.	Cu.-N. SSW	4	Ci.	Cu. SSW
9	SE	1	S	2	S	2	SEbyS	2	S	1	S	2	10	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
10	S	1	SSE	1	S	3	S	3	SbyE	1	SSE	2	5	A.-Cu.	Cu.-N. SSW	9	A.-Cu.	Cu.
11	SSE	1	S	1	S	2	SSE	2	S	1	S	1	9	A.-Cu.	Cu.-N. SWbyS	2	Ci.-S.	Cu.
12	SEbyS	1	SSE	1	SE	2	SW	3	SSW	1	S	1	0	Ci.	Cu.	0	Ci.-S.	Cu.
13	Calm	----	ESE	1	S	2	SW	1	SbyW	1	Calm	----	6	Ci.	Cu.-N.	5	Ci.-S.	Cu. SW
14	WSW	1	EbyS	1	SSW	1	NWbyW	1	NNE	1	NE	1	0	Ci.-S.	Cu.	2	Ci.-S.	Cu.
15	Calm	----	EbyS	1	SSW	1	SW	1	WbyS	1	ENE	1	0	Ci.	Cu.	0	Ci.-S.	Cu.
16	Calm	----	ESE	1	SbyE	2	S	2	S	1	Calm	----	0	Ci.	Cu.	4	Ci.	Cu. SSW
17	SSE	1	SSE	1	SSW	2	SSW	1	SSW	1	SSW	1	6	Ci.-S.	Cu.-N. SW	6	Ci.-S.	Cu.
18	Calm	----	ESE	1	SSW	1	W	1	SW	1	Calm	----	0	Ci.	Cu.	8	Ci.-S.	Cu.-N.
19	ESE	1	SEbyE	1	SE	1	SW	1	S	1	SE	1	1	Ci.-S.	Cu.	1	Ci.-S.	Cu. SW
20	E	1	SE	1	ESE	1	SbyW	1	Calm	----	EbyN	1	7	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
21	E	1	E	1	SW	1	WNW	1	N	1	SE	1	1	Ci.	Cu.	4	Ci.-S.	Cu.
22	ESE	1	E	1	N	1	NNW	2	N	2	W	1	0	A.-Cu.	S.-Cu.	1	Ci.-S.	Cu.
23	ENE	1	ESE	1	NNW	1	W	1	NNE	1	E	1	0	Ci.	Cu.	1	Ci.-S.	Cu.
24	SE	1	ESE	1	SSE	1	SSW	1	SW	1	E	1	0	Ci.	Cu.	0	Ci.-S.	Cu.
25	Calm	----	ESE	1	SSE	1	NW	2	ESE	1	SE	1	0	Ci.	Cu.	3	Ci.-S.	Cu.
26	SEbyS	2	ESE	1	SSW	1	SW	1	N	1	NE	2	0	Ci.	Cu.	0	Ci.	Cu.
27	ESE	1	SSE	1	SE	1	SSW	1	NW	1	SE	1	0	Ci.	Cu.	1	Ci.-S.	Cu.
28	ENE	1	E	1	Calm	----	NW	1	EbyN	1	NEbyE	1	4	A.-Cu.	Cu.	1	Ci.-S.	Cu.
29	Calm	----	ESE	1	S	1	W	1	N	1	EbyS	1	0	Ci.-S.	Cu.	0	Ci.-S.	Cu.
30	ESE	1	EbyS	1	NE	1	NbyW	2	WbyS	1	ESE	1	0	A.-Cu.	Cu.	5	A.-Cu.	Cu.
31	SE	1	ESE	1	S	1	SW	1	N	1	E	1	3	Ci.-S.	Cu.	0	Ci.	Cu.
Mean	-------	0.8	-------	1	-------	1.4	-------	1.5	-------	1.1	-------	1	3.2	------------	------------	4	------------	------------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 20 meters; gravity correction not applied, −1.61 mm.]

SEPTEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	57.86	58.03	58.71	57.23	57.63	58.62	27	25.9	31.4	31.9	28.6	26.9	33	25.6	84	88	68	66	85	85	0.5
2	57.44	57.99	59.09	57.40	57.49	58.67	25.9	25.8	31.5	31.4	26	25.2	32.4	25	84	75	66	71	87	87	------
3	57.54	57.65	58.06	57.30	57.51	59.24	25.2	24.5	30.8	32.1	29.5	24.9	32.8	24.2	85	87	67	65	76	92	16.5
4	57.44	57.85	58.29	56.48	56.06	57.08	24.9	25	29.4	31	27.1	26	32	24.6	93	89	75	73	89	87	2.5
5	55.94	56.61	57.42	55.37	55.70	57.17	25.5	25	29.6	31.2	26	26	32	24.5	88	92	77	70	92	93	.8
6	55.54	56.10	56.02	54.76	55.38	55.60	25.2	24.9	30.7	30.9	23.5	24.5	31.9	23	90	88	67	66	96	95	32.3
7	54.64	54.41	54.97	53.77	54.25	55.50	24.5	24.5	31.4	31.1	25.6	25	32.6	24	94	92	70	66	96	96	27.4
8	53.90	54.22	54.69	52.82	53.17	54.81	25.9	25.4	30	31	28	25.9	32.5	24.8	93	93	75	76	86	94	12.7
9	53.89	54.58	56.42	54.42	55.08	57.23	26	26	28.2	30	27.9	28	31.2	25.2	90	80	79	75	82	82	------
10	55.99	56.04	57.58	56.26	57.15	58.95	26.5	25.5	30	29.9	25.7	24.4	31.1	24.2	80	83	73	72	91	97	15.9
11	56.31	56.69	57.36	55.53	56.18	57.18	24.4	24.1	29	30	26.7	25.1	30.8	23.9	90	91	78	73	90	95	7.9
12	55.54	55.89	56.34	54.44	54.58	56.43	24.5	24.5	30	29.5	28.9	26	31.4	24	92	92	68	72	76	96	1
13	56.07	55.41	56.43	54.58	54.48	56.08	25.2	24.9	30.2	30.2	29	26	31.6	24.4	94	90	70	70	78	93	------
14	55	54.51	55.20	53.22	53.20	54.58	26.2	26.2	27.6	31.3	28.5	27.9	31.9	25.9	90	92	85	73	81	85	9.9
15	53.49	53.01	54.48	53.38	54.09	55.39	26.2	25.9	25.5	29.7	28.5	28	30.1	24.8	90	92	96	73	81	82	29.7
16	55.15	55.41	56.87	55.59	56.09	57.36	27	24.5	29	25.7	23.5	23.6	29.7	22.9	85	92	71	87	100	98	92.5
17	56.16	55.79	56.78	54.17	54.13	54.76	24	24.7	26.1	23.8	23.5	23.6	26.1	23.1	96	90	87	97	100	99	62.9
18	53.38	53.31	53.39	51.72	52.05	53.40	23	23.5	27	25.6	24.6	24.9	27.9	22.6	96	91	83	88	91	92	9.4
19	52.53	52.45	53.55	51.49	52.57	53.62	24.2	24.4	25.6	25.5	24.6	24.5	28.1	23.5	97	96	87	91	98	97	108.8
20	53.68	53.81	55.18	53.88	54.71	55.33	24.1	24	24.4	24.4	23.6	24.6	25.4	23	97	97	97	97	100	98	106.2
21	55.21	55.27	56.74	55.84	56.69	57.82	24.5	24.5	26.5	28	25	25	28.4	23.5	96	95	78	77	92	92	9.4
22	56.69	57.82	59.38	58.57	59.09	60.33	26	25.5	29.1	30.9	28.2	27	31.4	25.1	88	84	71	69	85	93	1.8
23	60.08	60.58	61.06	59.28	59.09	59.78	25	24.8	30.5	30	28	26.6	31.4	24.5	99	98	78	75	88	92	------
24	59.04	59.18	59.87	56.68	56.92	58.02	26	25	29.8	29.6	28.1	27.9	32	24	92	93	75	77	85	89	------
25	57.14	57.04	57.21	55.71	55.83	58.07	26.2	25	30.5	31	28.6	27.1	31.7	24.7	95	96	75	71	84	91	------
26	57.04	57.21	58.79	57.56	58.44	60.28	26	25.5	29.3	30.5	28.4	25	31.1	24.8	88	88	75	69	80	91	1
27	60.44	61	61.74	60.07	60.98	62.95	25.5	24.1	30.3	31.6	28.5	25	32.9	23.9	80	86	63	66	81	83	.3
28	60.70	60.54	61.59	59.94	60.44	60.83	24	23.5	29.7	31	27	25.2	32	23.2	83	83	65	69	80	89	------
29	59.21	58.74	59.28	57.31	57.34	58.35	24.5	23.4	30	30.7	28	25.9	31.8	23.3	89	92	72	67	82	85	------
30	57.55	57.73	58.29	57.21	57.23	58.29	25	24.4	31.1	30.8	28.4	26.6	32.4	23.9	85	88	63	65	80	83	------
Mean	56.35	56.50	57.36	55.73	56.12	57.39	25.3	24.8	29.1	29.7	26.9	25.7	31	24.1	90.1	89.8	75.1	74.2	87.1	91	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	548.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		0–12		0–12		0–12		0–12		0–12	0–10			0–10		
1	Calm	----	SEbyE	1	S	1	NW	1	NE	1	ESE	1	0	Ci.	Cu.	1	Ci.	Cu.
2	E	1	SE	1	S	1	SW	2	EbyS	1	E	1	0	Ci.	Cu.	6	Ci.-S.	Cu. SW
3	ESE	1	ESE	1	S	1	SW	1	N	1	E	1	1	Ci.-S.	Cu.	6	Ci.-S.	Cu.
4	ENE	1	Calm	----	SSE	1	WNW	1	Calm	----	EbyS	1	1	Ci.-S.	Cu.	4	Ci.-S.	Cu.
5	SE	1	ESE	1	S	1	WNW	1	SE	1	Calm	----	3	Ci.-S.	Cu.	7	Ci.-S.	Cu. NNW
6	ESE	1	SE	1	SSE	1	SW	1	SE	1	Calm	----	4	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
7	SEbyE	1	E	1	NNW	1	W	1	NE	1	EbyS	1	0	Ci.-S.	Cu.	7	A.-Cu.	Cu.
8	NEbyE	1	Calm	----	SSW	1	SW	1	EbyS	1	SSW	3	1	Ci.	Cu.-N.	3	Ci.-S.	Cu. SW
9	SE	1	ESE	1	S	4	SSE	1	S	2	SbyE	2	4	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
10	Calm	----	ESE	1	S	2	S	2	SbyE	1	N	1	7	Ci.	S.-Cu.	5	Ci.-S.	Cu. SSW
11	SE	1	ESE	1	S	1	SSW	2	S	1	SE	1	1	Ci.	Cu.	4	Ci.	Cu. SSW
12	SEbyS	1	ESE	1	W	1	SbyW	1	NbyW	1	SE	1	2	Ci.	Cu.-N.	8	Ci.-S.	Cu.
13	ESE	1	ESE	1	S	1	WNW	2	WbyS	1	NE	1	1	Ci.	Cu.-N.	1	Ci.	Cu.
14	Calm	----	SEbyS	1	SEbyE	1	SWbyW	1	SW	1	SW	2	7	Ci.	S.-Cu.	3	Ci.-S.	Cu.
15	SSW	3	S	2	S	2	S	3	SSE	2	SEbyE	2	9	------------	Cu.-N.SWbyS	10	Ci.-S.	Cu.-N.
16	NNW	1	SE	1	SSE	1	SbyW	1	NE	2	S	1	9	Ci.-S.	S.-Cu.	10	Ci.-S.	N.
17	SE	1	SSE	1	SE	1	SSE	1	S	1	SbyE	1	10	------------	Cu.-N.	10	------------	N.
18	SE	1	SSE	1	S	3	S	4	SSE	1	SSE	1	2	Ci.	Cu.-N.	10	------------	Cu.-N.
19	SSE	2	S	1	S	1	S	1	SSE	3	SSW	4	10	------------	N.	10	------------	N.
20	SSE	1	S	1	SSE	2	S	3	SbyE	1	S	3	10	------------	N.	10	------------	N.
21	S	5	SSE	3	S	4	S	3	SbyE	1	SE	2	10	Ci.-S.	Cu.-N. SSW	9	Ci.-S.	S.-Cu.
22	SEbyE	1	SSE	1	SSE	2	SbyW	1	SWbyS	1	Calm	----	1	Ci.	S.-Cu.	2	Ci.-S.	Cu.
23	SbyE	2	Calm	----	SSW	1	W	1	N	1	NE	1	6	Ci.	Cu.-N.	4	Ci.-S.	Cu.
24	Calm	--	E	1	N	1	NNW	1	N	1	N	1	0	Ci.	Cu.	3	Ci.-S.	Cu.
25	SSE	1	E	1	WSW	1	SbyW	1	SSW	1	S	2	0	Ci.	Cu.	1	Ci.	Cu.
26	E	1	ESE	1	SSE	1	SW	1	S	1	SbyE	1	1	Ci.	Cu.	1	Ci.-S.	Cu.
27	SE	1	ESE	1	Calm	----	W	1	NE	1	E	1	1	Ci.	Cu.	2	Ci.-S.	Cu.
28	ESE	1	E	1	SW	1	NW	2	NE	1	ESE	1	4	A.-Cu.	S.-Cu.	1	Ci.-S.	Cu.
29	E	1	ESE	1	SW	1	NW	1	NNE	1	E	1	0	Ci.	Cu.	0	A.-Cu.	Cu. W
30	ENE	1	Calm	----	NW	1	W	1	Calm	----	SE	1	0	Ci.	Cu.	0	A.-Cu.	Cu.
Mean	------	1.1	------	1	------	1.4	------	1.5	------	1.1	------	1.3	3.5	------------	------------	5.2	------------	------------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 20 meters; gravity correction not applied, —1.61 mm.]

OCTOBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	57.48	57.88	58.48	56.87	56.97	58.12	25	24	31.9	32.5	29	27.2	34.1	24	92	91	58	58	77	83	------
2	57.38	57.54	57.44	54.80	54.83	56.03	25	24	28.3	29	26.4	26.8	31.2	23.9	90	92	79	76	92	90	56.2
3	54.62	55.21	56.08	54.63	54.80	56.30	24.5	23.9	29.1	30	27.3	26	30.5	23.3	96	97	74	75	82	92	2
4	54.76	55.21	57.02	54.64	55.15	56.30	25.2	24.9	28.9	31	27.5	24	31.2	23.5	90	88	72	70	87	96	36.3
5	55.24	56.11	56.67	54.41	53.57	53.60	24.5	23.8	24	24.4	24.5	23.5	25.4	23	94	97	96	88	97	97	62.5
6	51.90	51.96	54.01	53.48	55	56.61	23.5	23.4	28.7	27.9	26.4	25.8	30.1	22.8	96	93	69	74	82	87	16.8
7	55.80	56.20	57.59	55.62	57.04	58.83	24.7	24	29.6	30.5	27.5	25.3	32.4	23.8	94	93	77	65	81	90	22.4
8	58.03	58.63	59.47	57.75	58.02	59.91	25	24.2	29.5	30.2	27.1	25.5	31.3	24	90	98	75	74	87	95	7.1
9	59.16	59.35	60.04	57.44	58.15	59.70	24.5	23.5	30.2	29.5	27.3	26	31.9	23.4	97	97	70	68	82	88	------
10	58.56	58.34	59.35	57.12	57.11	58.29	25.2	24	30.5	30.4	28	26.4	31	23.9	86	91	71	75	85	89	------
11	56.70	57.86	58.37	56.58	56.94	59.57	25	24.8	32.1	32	29.4	27.2	33.2	24	95	94	60	64	78	90	------
12	58.87	59.40	60.18	57.93	58.48	60.22	26.9	25.1	31	31.1	28.1	26.5	32.6	25	86	91	64	63	84	94	------
13	59.34	59.54	60.13	58.17	58.46	59.61	26.2	25.8	31	31.1	28.6	27.8	31.9	25.5	94	90	69	73	84	90	------
14	58.62	59.06	59.62	57.23	57.28	58.07	26.5	24.8	31.4	30.6	28.2	27	32.7	24.6	91	93	71	71	79	84	------
15	56.84	57.39	58.36	56.39	55.46	57.25	25.5	23.4	31.5	31.8	27.6	27.4	33.1	22.7	90	90	60	58	80	81	.8
16	56.04	56.29	56.82	54.22	53.96	54.44	26	24.5	30	31	27.6	26.4	31.9	23.9	80	87	69	69	78	81	------
17	51.83	50.71	49.16	43.74	40.21	35.62	------	------	------	------	------	------	------	------	------	------	------	------	------	------	137.9
18	32.51	34.73	41.99	45.25	48.85	50.75	------	------	------	------	------	------	------	------	------	------	------	------	------	------	81
19	51.17	52.41	55.23	53.69	55.01	56.80	26	25.5	29.5	30.6	27.5	26.1	31.1	24.5	86	88	68	67	82	88	------
20	56.32	57.32	58.69	56.72	57.28	59.40	24.8	24.5	30.1	30	27.9	26.6	31.6	23.9	92	90	65	71	82	91	------
21	58.60	59.75	60.56	58.67	59.13	59.63	26	25	30	30.7	27.5	26	31.9	24.6	92	92	68	68	83	91	------
22	59.05	60.08	60.48	58.27	58.43	58.58	25.1	25.1	30.3	30.5	27.1	26.4	32	24.5	91	93	70	71	84	93	------
23	59.10	58.54	58.80	55.52	55.64	55.61	25.2	24.1	29.1	30	28.4	26.9	30.9	23.6	90	96	71	75	82	82	------
24	51.26	48.87	49.33	50.67	53.63	56.34	27	31.3	31.6	29	27	25	32.4	24.5	76	70	45	71	88	91	------
25	55.57	57.06	58.70	57.36	58.45	60.39	24	24.1	30.6	31	28.2	26	32.4	23	88	82	70	65	77	89	.3
26	59.86	59.84	60.46	58.63	59.10	60.48	25	24.1	29.5	29.1	27.5	26.2	31	23.9	92	93	73	77	88	94	------
27	59.20	59.47	59.57	57.82	58.35	59.65	25.4	24	31.1	30.6	28.1	26.4	32	23.5	94	92	65	74	82	92	------
28	58.54	58.70	59.05	56.74	57.30	58.68	25	23.6	31.1	31.5	27.8	26	32.6	23.3	83	86	60	60	82	89	------
29	56.84	58.16	58.83	56.86	58.18	59.35	25.4	23.7	31.2	31.5	24	24.5	33	23	88	90	58	66	83	88	------
30	58.01	58.12	58.47	55.76	57.12	58.49	24.2	24	31	33.2	28.3	28.7	35	23.5	90	91	59	49	79	48	------
31	57.90	58.79	59.21	57.75	58.79	59.85	27.8	25.9	31.6	31.5	27.9	26	34	25	54	69	53	62	74	87	------
Mean	55.97	56.40	57.36	55.51	56.02	57.18	25.3	24.6	30.2	30.4	27.5	26.2	31.9	23.9	88.9	90.1	67.6	68.9	82.8	87.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	423.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		0–12		0–12		0–12		0–12		0–12	0–10			0–10		
1	NE	1	SW	1	NNE	1	NW	1	SEbyS	1	N	1	0	Ci.	Cu.	1	Ci.-S.	Cu.
2	Calm	----	NNE	1	SEbyS	1	SW	1	SW	1	S	2	9	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N.
3	S	2	SE	1	S	3	S	1	SbyW	1	ESE	1	10	------	Cu.-N. SW	7	Ci.-S.	Cu.
4	SE	1	ESE	1	SSE	1	SbyW	1	SW	1	SE	1	5	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu. WSW
5	EbyS	1	NE	1	SSE	1	NW	1	SE	1	S	1	10	------	N.	10	------	N.
6	Calm	----	SE	1	S	2	SSW	3	EbyS	1	SSE	1	9	------	S.-Cu.	9	Ci.-S.	Cu.
7	NE	1	Calm	----	NNE	1	NbyW	1	N	1	NW	1	9	Ci.	S.-Cu.	5	Ci.-S.	Cu.
8	E	1	SSW	1	N	1	N	1	NbyW	1	S	2	9	Ci.-S.	N.	8	Ci.-S.	Cu.
9	SE	1	E	1	SW	1	N	1	NbyW	1	EbyS	1	0	Ci.	Cu.	5	Ci.-S.	Cu.
10	Calm	----	ENE	1	WNW	1	SW	1	WSW	1	Calm	----	0	Ci.	Cu.	4	Ci.-S.	Cu.
11	E	1	SSE	1	NNE	1	SWbyN	1	SE	1	SSE	1	0	Ci.	Cu.	0	Ci.-S.	Cu.
12	ESE	1	Calm	----	N	1	N	2	NbyW	1	Calm	----	0	Ci.	Cu.	0	Ci.	Cu.
13	SE	1	SEbyE	1	S	2	SW	1	Calm	----	Calm	----	0	Ci.	Cu.	3	A.-Cu.	Cu. SWbyW
14	SEbyS	1	ESE	1	NNW	1	W	1	Calm	----	SE	1	0	Ci.	Cu.	2	A.-Cu.	Cu.
15	SE	1	NNE	1	NNW	1	NNW	1	S	1	NE	1	0	Ci.	Cu.	0	Ci.	Cu.
16	NNE	1	NE	1	NNE	2	N	4	NNE	2	NE	2	0	Ci.	Cu.	5	Ci.-S.	Cu.
17	NEbyN	2	N	4	N	8	NW	9	WNW	12	WNW	12	10	------	N. N	10	------	N. NNW
18	W	11	SbyW	7	S	12	S	8	SSE	3	S	4	10	------	N.	10	------	N. SSW
19	SSE	2	SE	1	S	1	SSE	1	S	1	SE	1	5	Ci.-S.	Cu.	2	Ci.-S.	Cu.
20	EbyS	1	E	1	NNW	1	SW	1	Calm	----	Calm	----	1	Ci.	Cu.	1	Ci.-S.	Cu.
21	NE	1	SEbyS	1	SW	1	NWbyN	1	N	1	Calm	----	9	A.-Cu.	Cu.-N.	1	A.-Cu.	Cu.
22	NE	1	Calm	----	N	1	NNW	1	N	1	NbyE	1	9	Ci.-S.	N.	1	Ci.	Cu.
23	Calm	----	NEbyN	1	N	2	N	3	NNE	1	NNE	2	0	Ci.	S.-Cu.	6	Ci.-S.	Cu.
24	NNE	2	NE	5	NEbyN	4	S	2	NE	1	NNE	1	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
25	EbyS	1	NE	1	N	1	NWbyN	1	WbyN	1	NE	1	10	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
26	ENE	1	NE	1	N	2	NNW	2	Calm	----	SE	1	0	Ci.	Cu.	1	Ci.	Cu.
27	SE	1	Calm	----	NNW	1	NbyW	1	W	1	Calm	----	0	Ci.	Cu.	0	Ci.	Cu.
28	Calm	----	Calm	----	N	1	NWbyN	2	Calm	----	Calm	----	0	Ci.	Cu.	0	A.-Cu.	Cu.
29	Calm	----	ESE	1	N	1	WbyN	1	NE	1	ENE	1	0	Ci.	Cu.	1	Ci.-S.	Cu.
30	E	1	Calm	----	NE	1	ENE	2	Calm	----	ENE	1	5	Ci.-S.	S.-Cu.	2	A.-Cu.	Cu.
31	E	1	SSW	1	E	1	SW	1	Calm	----	WbyS	1	0	Ci.	Cu.	3	Ci.-S.	Cu.
Mean	------	1.3	------	1.2	------	1.9	------	1.9	------	1.2	------	1.4	4.2	------	------	4.1	------	------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 20 meters; gravity correction not applied, —1.61 mm.]

NOVEMBER, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.19	59.90	60.29	58.57	58.95	60.03	25	24.6	31.5	31.6	28.1	26.1	32	24.2	86	82	63	62	73	84	------
2	58.96	59.74	60.34	58.67	58.50	59.40	24.5	23.5	30.3	30.9	27.4	25.4	31.9	23	87	91	66	67	81	93	------
3	58.51	59.31	60.26	58.09	58.44	58.98	24	23.6	30.2	30.5	28	25.9	31.5	23.3	97	96	73	72	77	88	------
4	58.18	59.17	59.40	57.01	56.84	58.04	24	23.5	30.9	31.6	29.1	27.5	32.9	23	92	92	69	66	74	74	------
5	57.69	58.45	59.07	56.59	57.58	58.85	26.1	24.5	32.1	30.6	28.5	25.5	32.5	24	76	84	46	68	68	80	------
6	57.88	58.26	58.92	55.62	56.84	57.43	25	25.5	29.2	33.5	29.1	29	34.3	24.1	83	80	73	37	54	54	------
7	55.74	55.70	56.84	54.20	53.97	54.46	27.1	26.7	27.6	26.7	27.4	29.7	30.6	26	72	71	69	78	66	51	------
8	52.85	53.52	55.20	54.14	55.47	56.82	30	30.5	33.5	32	28.3	27.1	35.6	26.5	53	51	47	67	82	91	------
9	56.60	57.42	58.93	57.46	58.58	59.85	26.4	26.1	29.2	31	26.9	26.3	32	25.6	94	95	81	72	86	89	0.3
10	59.05	59.90	61.37	59.04	59.83	60.57	25.1	25	28.8	29.4	25.4	24.4	31.3	24	92	91	78	74	92	94	------
11	59.56	59.96	61.28	59.16	60.58	61.74	24.4	24.6	29.2	30.9	22.6	24	31.9	22.6	92	91	73	72	95	92	8.1
12	60.72	61.33	61.95	58.93	59.19	61.65	23.5	23	30	31.3	27.9	25.6	32	22.4	92	93	69	61	82	84	------
13	60.74	61	61.67	59.47	59.38	60.30	25.2	23.5	31.1	32.1	27.9	25.6	32.7	22.4	68	71	56	53	82	80	------
14	59.16	59.59	59.49	56.17	56.84	57.55	25	25	29.5	29.5	26.6	25.2	30.9	24	76	65	55	64	75	79	------
15	55.70	55.27	55.26	52.89	52.81	52.90	24.7	24.1	25.9	26.1	25.4	26.1	29	23.4	79	83	81	87	84	78	.5
16	51.80	52.81	53.91	52.07	53.79	54.80	26	25.9	29.6	30.1	24.2	24.8	31	24	80	80	74	71	99	97	25.5
17	53.60	54.06	54.86	53.04	53.61	54.71	24.1	24.4	29.5	30	26.8	27	31.7	23.5	99	92	75	69	81	82	------
18	54.62	54.79	56.30	54.58	55.70	57.26	25.5	25.2	28.7	29.2	26.8	24	30.3	23.2	96	90	75	77	88	96	9.9
19	55.98	56.42	57.02	55.04	55.95	57.02	25.1	23.1	29	29.4	26	23.8	30	22.6	92	98	75	72	84	------	------
20	55.94	56.35	57.26	55.78	56.63	57.63	23	22.6	29.1	28.6	26.7	25.3	31	22.2	96	95	71	73	86	92	------
21	56.79	57.70	58.62	56.67	57.30	58.93	24.5	23.5	30.1	28.6	27.5	26.1	31.3	23	93	92	61	73	84	93	------
22	57.94	58.43	60.03	58.14	58.54	59.67	25	25	29	29.4	26.9	26.4	30.4	24	96	91	71	70	84	88	------
23	59.18	59.58	60.34	58.61	59.40	60.59	26.1	25.3	27	28.2	25.4	24.1	29.5	23.6	88	93	84	76	87	95	------
24	59.64	60.10	60.63	58.12	58.80	60.42	24	22.7	27.8	28.8	26.6	24.8	29.8	22.4	92	97	73	73	81	87	------
25	59.65	60.23	61.37	58.94	59.26	60.87	23.4	22.5	28.2	30.5	27	26.6	31.3	22	80	84	62	47	53	50	------
26	59.75	60.14	60.83	58.61	59.30	60.19	25.8	25.4	29.6	31.2	28	26.5	31.9	24	50	52	46	44	48	51	------
27	59.76	60.29	60.02	58.63	59.63	60.68	25.2	23.1	30	30.6	26.1	25	31.7	22.6	56	69	53	52	79	81	------
28	59.62	59.96	60.98	58.88	59.08	60.33	23.5	22.9	30.6	29.5	26.5	26	31.3	22.4	91	85	58	70	84	87	------
29	59.74	60.08	60.89	59.39	59.75	60.70	25.1	25.5	29.1	29.3	26.1	26.4	30.5	24.4	91	88	57	53	75	59	------
30	60.24	60.27	61.71	59.71	60.22	61.18	26	25	30.6	30.6	27.2	27.4	32.9	24.3	55	59	48	58	56	54	------
Mean	57.83	58.32	59.19	57.07	57.69	58.79	25.1	24.5	29.6	30.1	26.9	25.9	31.5	23.6	83.1	83.4	66.1	65.9	78	80.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	44.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	WbyN	1	NNE	1	W	2	NNW	1	SE	1	0	Ci.	Cu.	6	A.-Cu.	Cu.
2	E	1	ESE	1	NNE	1	NWbyN	1	N	1	Calm	----	0	Ci.	Cu.	0	Ci.	Cu.
3	Calm	----	Calm	----	NNW	1	WbyN	1	NW	1	SE	1	0	Ci.	Cu.	1	A.-Cu.	Cu.
4	Calm	----	Calm	----	NNW	1	NWbyN	2	Calm	----	NNW	1	0	Ci.	Cu.	0	Ci.	Cu.
5	NW	1	W	1	NNE	2	N	2	NE	1	N	2	0	Ci.	S.-Cu.	4	A.-Cu.	Cu.
6	NbyE	2	NNE	2	N	3	NE	3	NE	2	NE	2	1	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
7	NNE	2	NNE	2	NNE	2	NNE	3	NE	2	ENE	3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
8	NE	3	ENE	2	ENE	3	NW	1	SW	1	Calm	----	10	Ci.-S.	S.-Cu.	6	A.-Cu.	Cu.
9	Calm	----	Calm	----	NNW	1	W	1	EbyS	1	SE	1	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu. WNW
10	E	1	Calm	----	NNW	2	NW	1	NE	1	Calm	----	9	Ci.-S.	S.-Cu.	3	A.-Cu.	Cu.
11	SE	1	ESE	1	SSE	1	SbyE	1	E	1	Calm	----	0	Ci.	Cu.	7	A.-Cu.	Cu.
12	Calm	----	E	1	WNW	1	NNW	1	S	1	NNE	1	0	Ci.	Cu.	0	Ci.	Cu.
13	Calm	----	ESE	1	NNW	1	NWbyN	1	NE	1	Calm	----	0	Ci.	Cu.	0	Ci.-S.	Cu.
14	NNE	1	NNE	1	N	1	N	3	NNE	2	N	1	9	------------	S.-Cu.	3	Ci.-S.	Cu.
15	NbyE	2	NbyE	2	N	4	N	4	NNE	3	NE	2	10	------------	N.	10	Ci.-S.	N.
16	ENE	2	N	1	W	1	S	1	SSE	1	NE	1	10	------------	S.-Cu.	7	A.-Cu.	Cu.
17	Calm	----	E	1	NNW	1	NW	1	Calm	----	SE	1	1	Ci.	S.-Cu.	2	Ci.-S.	Cu.
18	Calm	----	E	1	N	1	N	2	N	1	NNE	1	10	------------	S.-Cu.	9	A.-Cu.	Cu.
19	Calm	----	NE	1	SSE	1	N	1	NNE	1	N	1	0	Ci.	Cu.	8	A.-Cu.	Cu.
20	NE	1	NEbyE	1	NNW	1	W	1	NW	1	NNE	1	3	Ci.-S.	S.-Cu.	9	A.-Cu.	S.-Cu.
21	E	1	ENE	1	S	1	SSW	1	Calm	----	SbyE	1	1	Ci.	S.-Cu.	2	A.-Cu.	Cu.
22	E	1	ESE	1	SSW	1	S	2	SSW	1	SW	1	1	A.-Cu.	S.-Cu.	2	A.-Cu.	Cu.
23	SWbyS	1	W	1	SEbyE	1	NNW	2	N	1	NE	1	10	------------	Cu.-N.	6	Ci.-S.	Cu.
24	N	1	N	1	N	2	NbyW	3	NE	1	NNE	1	1	Ci.	S.-Cu.	0	Ci.	Cu.
25	S	1	N	1	NbyE	2	NE	1	NE	2	NEbyE	2	0	Ci.	Cu.	0	A.-Cu.	Cu.
26	E	2	NE	1	ENE	2	NE	1	ENE	1	NEbyE	1	0	Ci.	Cu.	0	Ci.-S.	Cu.
27	NE	1	NNW	1	NNW	1	NbyW	1	N	1	NE	1	3	Ci.-S.	S.-Cu.	0	Ci.	Cu.
28	NNE	1	Calm	----	WSW	1	S	1	SbyW	1	EbyS	1	0	Ci.-S.	S.-Cu.	0	Ci.	Cu.
29	NE	1	ENE	1	NE	3	NE	2	Calm	----	E	1	9	Ci.-S.	Cu.-N.	10	Ci.-S.	S.-Cu.
30	NE	1	WNW	1	NE	1	NbyW	2	NE	1	NE	2	0	A.-Cu.	Cu.	0	Ci.-S.	Cu.
Mean	------	0.9	------	1	------	1.5	------	1.6	------	1.1	------	1.1	3.6	------------	------------	3.9	------------	------------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 20 meters; gravity correction not applied, —1.61 mm.]

DECEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60	60.40	61.36	59.44	60	61.04	24.6	22.5	29.5	30.6	26.5	25	32.2	22.4	72	88	59	55	79	81	------
2	60.37	60.67	61.37	58.82	58.70	59.46	24	23.1	30.5	30.9	26.9	24.7	31.4	22.1	75	78	56	52	80	83	------
3	58.90	59	59.84	57.04	58.38	59.11	25	25	30.5	29.6	25.9	22.9	31.2	21.7	72	66	60	61	62	71	------
4	57.82	57.68	58.16	55.27	56.67	58.62	21.3	23	28.9	31.1	27.2	25	31.8	21.2	81	65	53	46	52	59	------
5	57.42	57.77	58.70	56.45	57.50	58.64	22.9	21.1	27	29.5	24.6	24.5	30.4	20.9	67	80	56	41	49	50	------
6	58.34	58.67	59.67	57.18	57.40	58.60	24.2	24.7	27.3	30	26	25.9	31	22.5	51	47	51	44	52	49	------
7	58.32	59.19	60.20	57.78	57.75	58.78	24.2	24.4	29	28.8	25.5	23.1	31.5	22	55	53	46	51	68	72	------
8	58.01	58.06	59.16	56.50	57	57.81	23.1	20.5	29.5	28.5	25.6	22.5	30.4	20.1	66	85	54	58	82	86	------
9	57.38	58	58.78	56.29	56.55	58.25	20.5	21.5	29	29	26.8	25.1	30.6	19.6	91	83	64	73	85	92	4.6
10	57.54	57.50	58.18	55.52	56.35	57.89	24.3	23	29.6	29.5	27	25	31.5	22.3	94	97	72	73	84	87	------
11	56.88	56.94	58.08	56.42	57.45	59.36	26	24.5	30.1	29	26.4	23.5	30.6	22.7	87	88	60	75	85	96	6.6
12	57.26	57.91	59.18	56.77	57.65	58.81	22.9	22.2	27.6	28.3	26	24.4	29.6	21.9	96	98	79	76	84	91	------
13	58.19	58.86	60.18	58.38	59.23	60.53	23.6	23.1	27.4	26.9	24	23.1	28.7	22.1	86	91	70	72	79	80	------
14	59.66	59.82	60.30	57.44	58.83	59.88	22.5	21.9	28.4	30.5	26.6	26.1	31.4	21.4	78	75	49	44	52	55	1.8
15	60.12	60.73	61.92	59.36	60.18	61.68	24	22.3	25.6	25.9	24.1	23	27.4	22	91	93	72	80	83	86	.3
16	60.74	60.85	61.67	59.18	59.57	60.70	22	21	27	28.1	24.6	23.5	29.8	20.4	91	95	72	73	79	81	------
17	60.06	60.36	61.67	59.45	60.09	61.18	24	23.7	27.7	28	25.4	23.9	30.1	23	78	81	67	70	77	79	------
18	60.14	60.19	61.60	59.33	60.08	61.33	26.5	22.7	27.1	29.5	27	22.9	30.6	21.1	57	78	63	56	52	75	------
19	60.63	61.12	62.09	59.28	59.91	60.32	20.5	19.4	26.7	28.9	23.9	20	29.5	18.7	86	77	52	40	60	78	------
20	59.91	60.69	60.88	57.89	58.50	60.01	19.4	19.9	26.4	28.1	25.1	26.4	28.7	18.7	79	82	62	68	83	53	------
21	58.66	59.03	60.19	57.48	58.08	59.54	24	21.4	27.5	30.7	26.4	25.1	31.4	20.7	72	78	54	44	46	48	------
22	58.45	58.34	59.78	57.75	58.81	59.72	25	24.5	29.4	29.3	26	23.8	30.9	23	51	53	42	50	73	77	------
23	59.11	59.35	60.93	58.79	59.43	60.62	23.1	22.4	28	29.1	27	24.2	31.1	20.5	74	75	64	67	80	82	------
24	59.87	60.37	62.37	60.59	61.65	61.88	23.1	22.3	27	29	26.2	25.4	29.6	21.5	74	72	57	50	63	46	------
25	61.45	62.57	63.64	61.14	62.13	63.73	22.5	21	25.5	30	26.2	22.4	31.4	20.4	70	73	62	43	50	72	------
26	62.83	62.80	63.92	61.53	62.08	63.50	23	23.8	27.8	30.1	25.1	24.9	30.5	20.8	66	54	44	38	50	49	------
27	62.51	62.89	64.80	62.89	63.67	64.86	24.1	24	27.2	28.8	24.9	23	31.3	22.2	51	49	40	45	68	64	------
28	63.88	63.85	64.92	62.79	63.07	63.25	20.1	20.8	29.2	29.5	25.5	23.5	31.3	19.6	78	75	51	52	73	81	------
29	62.39	62.23	63.01	61.16	61.60	61.88	25.1	23.2	29.5	29.3	26.6	24.4	31.1	22.5	84	90	60	69	81	91	------
30	60.87	60.90	61.60	58.65	60.03	60.74	22.9	22	28.4	30.5	26.5	25	31.2	21.5	94	91	71	63	82	88	------
31	59.67	59.74	60.50	58.24	58.78	59.85	24	23.4	30.9	30.8	26.4	24.1	31.9	22.7	85	88	59	64	81	91	------
Mean	59.59	59.89	60.92	58.54	59.26	60.37	23.3	22.5	28.2	29.3	25.9	24.1	30.6	21.4	75.9	77.4	58.7	57.8	70.1	74	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	13.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NW	1	Calm	----	NNW	1	NNW	1	S	1	NNE	1	0	Ci.	Cu.	0	A.-Cu.	Cu.
2	Calm	----	E	1	WNW	1	NW	1	N	1	NE	1	0	Ci.	Cu.	0	Ci.-S.	Cu.
3	NEbyN	1	NNW	1	NNW	1	N	3	NNE	1	NNW	1	0	Ci.	Cu.	0	Ci.	Cu.
4	N	1	NE	1	N	2	NNE	2	NE	2	NNE	1	0	Ci.	S.-Cu.	0	Ci.	Cu.
5	NbyE	1	NNE	1	N	2	NE	2	NE	2	NEbyE	2	0	Ci.	S.-Cu.	0	Ci.	Cu.
6	NNE	1	NE	2	NNE	1	NNE	2	NE	2	NNE	2	0	Ci.	Cu.	0	Ci.	Cu.
7	NE	1	NE	2	NE	2	NbyW	2	NE	1	NNE	1	0	Ci.	Cu.	2	Ci.-S.	Cu.
8	NbyW	1	N	1	NW	1	NNW	1	N	1	NbyE	1	0	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
9	E	1	EbyS	1	N	1	NbyW	2	NNE	1	N	1	0	Ci.	Cu.	1	Ci.	Cu. N
10	NE	1	NbyE	1	NW	1	NbyW	1	S	1	NE	1	1	Ci.-S.	S.-Cu.	6	A.-Cu.	Cu.
11	NEbyN	1	NE	1	SE	1	SSW	1	EbyS	1	NE	1	10	Ci.-S.	S.-Cu.	8	A.-Cu.	Cu.
12	NEbyE	1	NE	1	NbyE	1	N	2	NbyE	1	NNE	1	1	A.-Cu.	Cu.	6	Ci.-S.	Cu.
13	NEbyN	1	NE	1	N	3	NbyE	3	NNW	2	NNE	2	9	Ci.-S.	S.-Cu.	9	A.-Cu.	Cu.
14	N	2	NNE	2	NbyE	2	NNE	1	NE	1	NE	2	3	A.-Cu.	S.-Cu.	0	A.-Cu.	Cu.
15	N	1	NNE	1	N	1	N	1	NbyE	1	NE	1	10	------	Cu.-N.	9	A.-Cu.	Cu.-N.
16	Calm	----	NNE	1	NNE	1	N	2	NbyE	2	NNE	2	9	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
17	NNE	1	N	1	NNW	1	N	2	NbyE	1	N	2	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
18	NE	2	N	1	N	2	NNE	1	NE	1	N	1	5	Ci.-S.	S.-Cu.	8	A.-Cu.	Cu.
19	NE	1	NbyE	1	N	1	NE	1	Calm	----	NNE	1	0	Ci.	S.-Cu.	6	Ci.-S.	Cu.
20	NbyE	1	EbyS	1	NE	1	N	3	NNE	2	NE	2	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
21	N	1	NNE	1	N	1	NbyW	2	NE	1	NE	2	8	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
22	NE	2	NNE	1	NNE	2	NNW	2	N	1	N	1	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
23	N	1	NNE	1	N	1	NNE	1	NE	1	NNW	1	1	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
24	NNE	1	N	1	N	1	NNW	1	E	1	NE	1	6	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.
25	NNW	1	N	1	N	2	NE	2	NNE	2	NbyE	1	9	A.-Cu.	S.-Cu.	1	A.-Cu.	Cu.
26	NNE	1	NE	2	N	3	NE	3	NEbyE	3	ENE	2	0	Ci.-S.	S.-Cu.	0	Ci.	Cu.
27	NE	2	ENE	2	NE	2	NW.	1	Calm	----	NE	1	0	Ci.	Cu.	0	Ci.-S.	Cu.
28	NEbyE	1	ENE	1	NNW	1	W	1	SW	1	E	1	0	Ci.	Cu.	0	Ci.	Cu.
29	WSW	1	Calm	----	NbyW	1	WSW	1	W	1	WbyS	1	0	A.-Cu.	Cu.	8	A.-Cu.	Cu.
30	NE	1	EbyN	1	Calm	----	NW	1	WNW	1	Calm	----	0	Ci.-S.	S.-Cu.	0	Ci.	Cu.
31	Calm	----	EbyS	1	EbyS	1	NWbyW	2	NNW	1	N	1	0	Ci.-S.	Cu.	0	Ci.	Cu.
Mean	------	1	------	1.1	------	1.4	------	1.6	------	1.2	------	1.3	2.8	------	------	3.5	------	------

TUGUEGARAO.

[φ=17° 36′ N ; λ=121° 40′ E ; barometer above sea, 23 meters ; gravity correction not applied, —1.61 mm.]

JANUARY, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.02	62.13	63.49	60.38	60.79	62.44	22.4	22.2	25	27	25	20.2	27.3	19.5	86	85	74	59	58	84	------
2	61.37	61.71	62.89	59.47	59.64	60.73	20	20	24.3	27.3	25.6	24.4	28.3	17.7	82	94	71	59	83	91	------
3	59.85	60.24	61.08	58.47	58.78	59.74	22.2	21.2	27.4	28.5	26.2	25	30.5	20.3	95	96	74	71	82	83	------
4	58.98	59.34	60.24	57.25	57.69	59.24	23.7	22.3	28.3	32.1	28.2	24.9	32.5	21.7	86	93	75	56	77	84	------
5	58.59	58.81	59.98	57.19	57.52	59	22.5	20.6	27.5	31.3	28.3	23.3	32.4	20.1	94	95	70	52	68	92	------
6	58.85	59.11	60.68	58.28	58.20	59.09	21.2	20.8	26.2	31.4	28.5	24	32	20.2	98	95	82	54	70	87	------
7	58.50	59.34	60.29	57.77	58.26	59.87	21.5	20.5	27.1	31.8	28.3	23	32.4	20	97	95	72	55	66	97	------
8	59.82	60.23	61.83	58.92	58.66	60.64	22.2	21.9	25.6	31	28.6	24	32	21.6	99	97	85	62	68	87	------
9	60.65	61.67	63.04	60.48	60.60	62.09	22.5	21.1	26.7	30.5	26	22.2	30.5	20.4	89	92	75	56	72	92	------
10	62.28	62.77	63.80	60.94	61.18	62.07	20.5	18.7	24.5	28.4	25.7	23.2	29.5	17	93	94	74	56	75	88	------
11	61.11	61.51	63.18	59.82	59.73	60.82	22.8	22.5	24.6	30.1	27.5	24	30.8	22	91	94	83	56	70	85	------
12	59.39	59.78	60.99	58.68	59.09	60.24	22.8	22.2	27.5	26.8	23.5	23.2	30.4	21.4	95	94	71	71	87	88	------
13	59.35	59.88	60.98	57.90	58.78	60.20	21.8	20.6	26.1	29	25.1	23	29.8	20	97	96	72	58	75	86	------
14	59.97	61.07	63.62	61.14	62.19	63.35	21.9	21.1	23.6	24.2	22.5	21.2	25.4	20.2	91	93	80	77	83	87	------
15	63.31	63.64	65.04	62.04	62.62	64.04	20.6	19.1	24.1	25.5	22.7	22	26.5	17.8	87	92	74	74	90	78	------
16	63.52	63.45	64.72	61.68	61.44	62.63	21	19.5	23	27.1	22.7	19.1	27.8	18.6	82	89	73	56	72	90	------
17	62.24	62.31	63.24	60.74	60.69	62.02	19.1	19.5	22.8	26.6	23.2	20.5	28.2	18.4	92	92	78	54?	70	76	------
18	61.27	61.58	62.89	60.33	61.13	62.38	18.7	17	24.5	29.1	25.5	23.8	29.4	16.1	91	95	67	54	72	86	------
19	61.62	61.29	62.67	60.36	61.22	62.49	22.8	22.2	25.5	30.2	24.7	22.7	30.6	21.5	91	92	80	56	97	94	2
20	61.69	61.82	63.48	60.60	60.48	62.12	21.7	21	26.1	32.2	27.8	23.5	32.4	19.4	98	93	77	52	75	92	------
21	61.64	61.89	63.42	60.19	59.67	61.89	23	22.4	27.5	31	26.5	23.6	32.4	22	96	98	76	62	77	95	------
22	61.81	61.74	63.49	60.90	61.16	62.66	23.4	23.2	26	29.3	24.5	22.6	30	22.1	95	94	76	62	87	95	1.3
23	62.48	62.22	63.69	60.92	61.13	62.72	22.3	22	23.6	27.2	25.3	23.6	28.2	21.3	96	97	90	77	82	90	------
24	62.04	61.62	62.54	59.18	58.93	60.32	22.3	21.5	24.8	31	27.6	24	31.6	20.6	96	95	85	50	63	85	------
25	60.19	60.75	61.64	58.77	59.16	60.69	22.3	20.5	27.4	32	26.4	24.4	32.5	19.6	88	92	70	47	75	92	------
26	60.59	60.93	62.01	59.41	59.38	60.69	23.7	23.5	25.5	28.5	26	24.1	29.3	22.5	94	91	81	67	82	91	------
27	60.19	60.45	61.43	58.57	58.44	59.90	22.8	21.4	24	28	26.6	24.7	30.2	21	95	97	88	71	83	88	------
28	58.69	59.09	60.31	57.72	58.38	59.71	23.6	23.4	24.1	28.2	25	22	29.4	21.2	95	93	91	77	92	97	------
29	59.34	59.70	61.11	59.08	59.90	61.25	21.2	20.5	25.3	26.5	22.5	21.6	27.4	18.8	96	96	68	64	81	80	------
30	61.03	61.38	62.73	60.41	60.24	61.65	20	18.8	24.1	23.8	22.6	21.6	26	18	89	94	71	77	76	80	------
31	61.03	60.87	62.82	59.89	59.63	61.29	20.5	19.6	24.4	27.6	25.6	21.9	29.2	18.3	85	89	78	61	64	80	------
Mean	60.76	61.04	62.37	59.60	59.83	61.22	21.8	21	25.4	28.8	25.6	22.9	29.8	20	92.2	93.6	76.8	61.4	76.5	87.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	3.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NW	2	NW	1	Calm	----	N	1	Calm	----	NW	1	7	Ci.	S.-Cu.	7	------------	Fr.-N.
2	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	Calm	----	9	------------	S.-Cu.	7	------------	S.-Cu. NE
3	SE	1	S	1	SW	1	NE	1	Calm	----	Calm	----	6	Ci. SE	S.	9	------------	N.-cf. SE
4	Calm	----	S	1	SE	1	S	1	Calm	----	Calm	----	8	Ci.	S. S	5	Ci.-Cu. SW	Cu.
5	SW	1	Calm	----	Calm	----	Calm	----	Calm	----	NW	1	1	Ci.	------------	4	Ci.	Cu.
6	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	6	Ci.	S.-Cu.	4	Ci.	Cu.
7	Calm	----	Calm	----	S	1	S	1	Calm	----	NNW	1	1	Ci.	------------	2	Ci.	Cu.
8	Calm	----	Calm	----	S	1	S	1	Calm	----	N	1	9	------------	S.-Cu.	3	Ci.	Fr.-cu.sw
9	Calm	----	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	6	Ci.	N.-cf. NE	7	------------	Cu. SW
10	Calm	----	NW	1	Calm	----	NE	1	Calm	----	Calm	----	1	------------	S.	10	------------	Cu.-N.
11	Calm	----	Calm	----	S	1	S	1	Calm	----	Calm	----	8	------------	Cu.-N. S	1	------------	Cu.
12	Calm	----	S	1	Calm	----	NW	3	NW	2	NW	2	6	------------	S.	7	------------	Cu. N
13	Calm	----	Calm	----	NW	1	NW	1	NW	2	NW	3	6	------------	S.-Cu.ENE	3	------------	Fr.-Cu. N
14	N	2	Calm	----	N	1	NW	2	NW	3	N	3	10	------------	N.	7	Ci.	Cu.-N. N
15	N	2	NNW	3	N	1	NE	1	N	2	NE	2	7	A.-Cu.	S.-Cu. NE	8	------------	Cu.-N.NE
16	Calm	----	Calm	----	N	1	NW	2	NW	1.	N	1	10	------------	S.-Cu. NE	5	------------	Cu. NW
17	Calm	----	Calm	----	Calm	----	NW	1	N	1	Calm	----	10	------------	N.	6	------------	Cu. NW
18	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	8	------------	S.-Cu.	10	------------	Fr.-N.
19	Calm	----	Calm	----	Calm	----	SE	1	SE	1	Calm	----	8	------------	S.-Cu.	8	------------	Cu.-N. SE
20	S	1	Calm	----	Calm	----	NW	1	Calm	----	N	1	10	------------	N.	8	------------	Cu. S
21	Calm	----	S	1	SE	1	NW	1	NW	1	NNW	2	8	------------	S.-Cu.	5	Ci.	Cu. N
22	Calm	----	Calm	----	Calm	----	NW	1	N	1	NW	2	8	------------	S.-Cu.	8	------------	Cu. N
23	NW	1	NW	1	Calm	----	N	1	WNW	1	Calm	----	10	------------	N.	7	------------	Cu.-N.ESE
24	Calm	----	S	1	SE	1	S	1	SE	1	Calm	----	7	------------	S.-Cu.	4	------------	Fr.-Cu. S
25	Calm	----	Calm	----	Calm	----	NW	1	NW	2	N	2	0	------------	------------	3	------------	Fr.-Cu.NW
26	N	1	N	1	Calm	----	Calm	----	NW	1	NW	1	10	------------	S.-Cu.	8	------------	Cu.
27	Calm	----	Calm	----	Calm	----	NW	1	NW	1	N	1	7	------------	Fr.-S. N	10	------------	S.-Cu.
28	NW	1	N	1	NW	1	NW	2	N	1	NW	2	10	------------	S.-Cu.	7	------------	Cu. NE
29	NW	1	NW	1	N	1	NW	3	N	2	N	3	7	------------	S.-Cu. N	7	Ci.-S.	Cu. N
30	Calm	----	Calm	----	Calm	----	Calm	----	N	1	Calm	----	2	------------	S.	10	------------	N.
31	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	Calm	----	6	------------	S.-Cu.	8	------------	Cu.
Mean	-------	0.4	-------	0.5	-------	0.4	-------	1	-------	0.8	-------	0.9	6.8	------------	------------	6.4	------------	------------

TUGUEGARAO.

[φ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, −1.61 mm.]

FEBRUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.51	60.61	61.99	59.39	59.41	61.09	19.7	17.5	26.3	29.5	26.1	21	30.1	16	87	95	64	49	62	80	
2	60.68	60.97	62.69	59.58	59.12	60.30	19.1	16.7	24.6	30	26.7	22	30.7	15.5	79	82	69	43	60	81	-----
3	59.51	59.98	61.44	58.70	59.26	60.75	21.3	19.8	26.5	31.5	26.5	23	32	18.5	84	94	68	54	76	92	-----
4	60.10	60.84	62.81	61.10	61.99	63.30	22.6	22.4	26	26.5	23.4	22.2	28.6	20.6	96	96	78	77	85	87	-----
5	63.03	63.42	64.77	62.75	63.68	64.82	21.3	21.3	26	27	23.8	22.4	28.5	20.5	92	88	76	67	77	82	-----
6	64.25	64.03	65.22	62.97	63.47	64.68	21.6	21.5	23.6	26.5	24.5	22.5	27	20.5	89	89	83	71	73	87	-----
7	64.67	64.93	65.58	63.05	63.45	64.53	21.6	21.3	24.4	28	24.7	22.2	28.6	20	89	88	76	59	78	86	-----
8	64.10	64.50	64.65	61.67	62.11	62.84?	20.7	20	26.3	29	25.5	22.5	30	19.1	92	93	73	50	66	89	2.8
9	62.67?	63.25	64.06	60.99	61.51	62.87	21.2	19.6	26.5	31.3	28.5	23	32.7	18.5	87	92	59	42	58	79	-----
10	62.78	63.53	64.39	61.51	61.92	62.82	21.4	19	26.8	30.7	27	22.6	31.5	18.5	83	96	67	56	68	95	-----
11	62.44	63.59	64.96	61.55	61.92	63.82	21.4	20.8	27	31.4	26.4	23	31.7	19.5	98	95	75	79	70	88	-----
12	63.54	64.40	65.82	63.43	64.19	65.70	22	21.8	25.5	26.5	23.5	22.6	27.5	21	94	93	63	62	71	76	-----
13	64.68	64.83	65.92	63.39	64.09	65.45	21.8	21.5	23	25.5	22.1	21.1	26.5	20	79	79	71	62	69	77	-----
14	64.44	64.26	65.24	62.03	61.74	62.93	20.3	19.8	25	27.1	25.4	23.9	27.4	19	83	87	78	57	73	88	-----
15	61.59	61.92	63.17	60.79	61.20	62.71	22.7	21.4	26.5	26	23.4	23	29.4	20.2	88	91	74	79	92	96	-----
16	61.77	61.84	63.18	59.90	60.75	62.28	22	21.5	25.4	31.5	25.4	24	32.5	21.2	97	99	80	46	77	85	2
17	61.57	61.73	63.41	60.62	60.53	62.30	23.3	23.1	27.5	29.3	27	24.6	31.3	22.2	90	90	70	63	70	82	-----
18	61.47	61.48	62.45	59.64	59.30	60.73	23.8	23.2	27.4	31.5	28.1	24.6	33	22.3	87	91	78	57	81	92	-----
19	59.89	59.86	60.89	58.15	59.19	61.52	23.2	22.1	26.5	33.5	26.2	25.6	34.1	21.8	97	100	80	51	86	86	4.1
20	59.69	59.81	60.47	58.30	59.01	61.11	23.7	23.3	27.1	31.3	27.6	26	31.7	22.5	96	94	81	61	79	82	24.2
21	60.60	61.04	61.52	59.10	59.43	60.99	23	22.8	26.2	30	25.3	23.5	30.8	21.6	99	93	83	71	88	90	4.3
22	60.46	60.49	61.62	59.13	59.07	60.54	23.3	23	26.5	26.8	26	24.8	30	22.5	92	96	83	91	92	95	-----
23	59.80	59.89	61.20	58.33	58.26	60.03	24.1	23.6	27.6	33.2	29	25.3	33.5	23	97	97	80	49	75	91	-----
24	59.04	59.16	60.24	57.42	57.94	59.43	24.1	23.7	28.8	33.5	30	25.5	34	23.2	94	95	72	49	70	88	-----
25	58.98	60.09	61.15	58.39	58.72	60.47	24.6	22.4	28.5	32.8	29.5	25.5	33.5	21.6	84	91	70	51	67	88	-----
26	59.43	60.12	62.20	59.41	58.84	60.57	24	23.8	27.5	32.6	30	24.6	33.8	23.3	91	95	78	49	65	87	-----
27	59.90	60.55	62.05	59.15	58.95	60.18	22	21.3	28.9	33.5	29.5	24.5	34.3	20.7	93	93	65	40	68	87	-----
28	59.27	60.19	61.62	58.49	58.06	60.44	22.4	21	28.7	33.5	29.5	25	34.5	20.1	89	91	68	43	68	85	-----
Mean	61.46	61.83	63.03	60.32	60.61	62.11	22.2	21.4	26.4	30	26.4	23.6	31	20.5	90.2	92.2	73.6	58.1	73.7	86.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	37.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	1	Ci.	----------	6	----------	Cu. SW
2	Calm	----	Calm	----	S	1	Calm	----	Calm	----	N	1	2	Ci.	----------	5	Ci.-S.	Cu.
3	Calm	----	Calm	----	Calm	----	NNW	1	NE	1	N	2	7	----------	S.-Cu.	7	----------	Cu. S
4	Calm	----	NE	1	NE	2	N	2	NE	2	NE	4	8	----------	S.-Cu. NE	7	----------	Cu.-N. N
5	NW	1	NW	2	NW	1	N	3	NW	2	NE	3	9	----------	S.-Cu. NW	8	----------	Cu.-N. NW
6	NE	1	NE	1	Calm	----	NW	1	Calm	----	Calm	----	10	----------	S.-Cu. NE	7	----------	Cu.-N. N
7	Calm	----	Calm	----	Calm	----	NE	1	S	1	Calm	----	10	----------	S.-Cu. SSE	7	Ci.-Cu.	Cu.-N. NE
8	Calm	----	S	1	SE	1	SE	2	S	1	Calm	----	10	----------	S.-Cu.	7	----------	Cu. SE
9	Calm	----	Calm	----	S	1	SE	1	NE	1	NE	1	9	----------	S.-Cu. N	3	Ci.	Fr.-Cu.
10	Calm	----	Calm	----	Calm	----	Calm	----	N	1	NW	1	3	Ci.	----------	8	----------	Cu. SE
11	Calm	----	Calm	----	Calm	----	N	1	NW	1	NW	1	9	----------	S.-Cu. NE	7	----------	Cu. NW
12	NW	1	NW	2	NW	2	NW	3	NW	2	NW	4	8	----------	S.-Cu. NW	7	----------	N.-cf. NW
13	N	1	N	2	N	1	N	2	N	1	NW	1	10	----------	S.-Cu.	9	----------	S.-Cu.
14	N	1	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	6	----------	S.-Cu.	8	----------	Cu. SSE
15	S	1	Calm	----	Calm	----	S	1	S	1	Calm	----	8	----------	S.-Cu.	10	----------	Cu.-N. S
16	Calm	----	Calm	----	SE	1	SE	1	NW	2	N	1	8	----------	S.-Cu.	8	Ci.	Cu.
17	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	NW	1	9	----------	S.-Cu.	7	----------	Cu. SE
18	Calm	----	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	8	----------	S.-Cu.	6	----------	Cu. ENE
19	Calm	----	SE	1	S	1	SSE	1	NW	1	Calm	----	8	----------	S.-Cu.	7	Ci.-Cu.	Cu. SE
20	S	1	SE	1	Calm	----	NW	1	NW	1	NW	1	6	Ci.	N.-cf.	9	Ci.	Cu.
21	N	1	Calm	----	Calm	----	NE	1	NNW	2	NW	2	9	----------	Cu.-N. N	7	----------	Cu. N
22	Calm	----	Calm	----	Calm	----	S	1	N	1	N	1	10	----------	S.-Cu.	10	----------	N.
23	SW	1	SW	1	SW	1	S	1	Calm	----	N	1	8	A.-S.	----------	6	Ci.	Cu. SW
24	Calm	----	SW	1	SW	1	Calm	----	Calm	----	Calm	----	8	----------	S.-Cu.	2	----------	Fr.-Cu. S
25	Calm	----	Calm	----	SE	1	Calm	----	NW	1	NW	2	4	Ci.	S.-Cu.	3	----------	Fr.-Cu.
26	Calm	----	Calm	----	S	1	S	1	Calm	----	NW	1	10	----------	N.	7	----------	Cu. SE
27	Calm	----	SE	1	SE	1	SE	1	Calm	----	NNW	1	4	Ci.	S.-cf.	0	----------	----------
28	Calm	----	Calm	----	Calm	----	Calm	----	NW	1	NW	1	7	Ci.	----------	7	Ci.	Fr.-Cu.
Mean	------	0.3	------	0.5	------	0.6	------	1	------	0.9	------	1.1	7.5	----------	----------	6.6	----------	----------

TUGUEGARAO.

[φ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

MARCH, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.32	59.78	61.40	58.67	58.72	59.95	23.7	22.6	27.3	32	28.7	25.4	34.4	22.2	87	91	70	50	66	75	------
2	59.64	60.55	62.50	59.37	59.41	60.88	23.8	22.1	28	31.3	27.6	24.1	33.4	21.3	83	92	68	49	66	81	------
3	60.24	60.56	61.55	58.34	57.83	59.62	23.3	22.5	27.1	33.5	30	25.1	34.2	21.7	87	92	73	47	59	84	------
4	59.54	60.39	61.50	58.58	58.50	60.55	22.8	21	27.6	32	28.1	25.2	33.1	20.3	93	95	73	51	70	86	------
5	60.60	61.15	61.92	58.80	58.39	60.57	24	22.8	29.4	32.5	30	24.2	34.4	22.1	89	95	68	41	54	69	------
6	60.40	61.46	62.65	59.49	58.39	60.14	21.8	19.5	28.7	33.7	30	24.5	34.3	18.8	79	88	49	27	44	79	------
7	60.05	60.74	62	58.94	58.49	59.93	23.1	22.6	27.8	32.6	29.5	24.7	33.3	22.2	89	86	65	49	68	83	------
8	59.62	59.91	60.78	57.68	56.93	58.48	23.5	22.2	29.5	33.2	31	26	34.9	21.5	88	94	64	44	57	70	------
9	58.33	59.05	60.36	57.28	56.98	58.93	23.4	20	30.1	34.5	31	25.2	35.4	19.3	81	91	49	49	46	78	------
10	58.69	59.45	60.75	57.45	56.77	58.86	22	20	28.7	34.5	30.8	25.2	35.5	19.7	92	93	59	35	58	77	------
11	58.53	59.53	60.44	57.53	56.45	58.37	23.1	21.7	28.9	34.7	30.6	25.2	35.3	21.2	89	90	58	38	47	75	------
12	58.45	59.11	60	56.83	56.58	59.02	21	18.1	29.5	34.5	30.2	25.6	35.5	18	91	99	55	40	64	79	------
13	58.64	59.33	60.52	57.73	57.68	60.84	23.2	22.5	30.7	33.8	30.1	25	35.1	22.1	93	94	55	39	55	79	------
14	60.99	62.03	63.40	60.23	60.26	62.50	22	20.5	28.3	33	27.5	24.6	33.5	19.1	81	86	68	44	70	75	------
15	62.04	62.43	63.96	60.71	61.01	62.88	22.3	20.5	26.5	31.1	26.3	25	31.5	19.5	86	93	68	54	78	76	------
16	60.91	61.21	62.13	58.70	57.85	59.82	22.2	20.8	28.8	34.2	31.1	25.4	35.5	20.7	89	89	62	40	47	81	------
17	59.72	59.85	61.18	57.90	58.13	60.32	21.7	21.3	30.5	34.4	28.5	26.4	35	20.9	94	94	60	39	71	76	------
18	59.99	60.55	61.87	59.52	59.90	61.87	23.7	22.4	30	30.6	26.6	25	32.5	21.4	90	89	54	55	76	83	------
19	61.05	61.25	62.75	59.75	59.17	61.67	24.1	23.6	27.7	33.2	29.2	26	34.2	23	91	95	73	57	60	71	------
20	61.14	61.53	62.18	59.12	58.59	61.10	23.4	20.6	29.6	34.1	30.3	25.4	35.5	20.2	80	91	56	40	57	76	------
21	59.92	60.40	61.60	59.14	59.48	61.08	23.2	21	29.4	31.4	28	25	33.6	19.2	85	95	62	48	66	80	------
22	60.38	60.38	61.63	59.68	59.53	60.74	23.8	23	28	27.5	25.5	23.8	30.4	22.1	87	91	79	84	88	94	5.1
23	59.56	59.45	60.87	58	58.64	59.84	23.4	23.4	26.5	31.5	26.5	25.1	32.7	22.5	94	92	80	57	86	95	6.6
24	58.89	59.06	60.52	57.92	58.41	60.78	23.8	23.1	30.4	33.5	27	25.5	34.5	22.5	93	91	66	51	81	92	6.4
25	60.67	61.15	62.77	61.43	61.29	63.62	24.6	24	28.1	24.3	23.2	23	28.4	22.4	92	93	73	93	94	95	18.3
26	63.09	63.82	65.03	62.97	63.17	65.02	22.8	22.5	24.4	25.6	23.5	22.8	26.4	21.5	95	96	88	82	90	90	1.3
27	64.54	65.14	65.69	63.22	62.87	64.14	21.8	20.7	24.8	26.2	24.1	23	27	20	89	94	77	75	85	93	3.3
28	63.32	63.53	64.79	61.82	61.07	62.40	23	22.6	24	30	28.6	25	31.3	21.6	93	95	96	68	80	88	5.8
29	61.94	61.77	63.76	61.57	60.84	62.31	24.4	24	26	26	25.6	24.8	28.7	23	93	96	89	92	91	95	4.3
30	61.05	61.58	62.55	59.26	58.85	60.97	23.7	23.3	28.5	32	29.5	25.3	32.7	22.2	92	99	77	60	68	92	------
31	59.84	60.19	61.42	58.49	59.37	61.50	23.7	23.1	29.5	33.2	27.2	25.8	34.2	22.2	94	96	75	49	77	91	------
Mean	60.36	60.85	62.08	59.23	59.02	60.93	23.1	21.9	28.2	31.8	28.3	24.9	33.1	21.1	89	92.7	68	53.1	68.4	82.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	51.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	S	1	Calm	----	NW	1	NW	2	4	----	S. E	5	----	Fr.-Cu. S
2	Calm	----	Calm	----	S	1	SE	1	N	1	N	1	4	----	S.	6	----	Cu. S
3	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	7	----	S.-cf.	4	----	Fr.-Cu. SE
4	Calm	----	Calm	----	NW	1	NW	1	N	1	N	2	3	----	S.	3	----	Cu.
5	Calm	----	Calm	----	Calm	----	S	1	SE	1	SE	1	8	----	S.-Cu.	8	----	Cu. SW
6	Calm	----	Calm	----	SE	1	SW	1	Calm	----	Calm	----	0	----	----	0	----	----
7	N	1	Calm	----	Calm	----	Calm	----	NW	1	N	1	8	Ci.	S.-Cu.	6	----	Cu. SW
8	Calm	----	S	1	SE	1	SE	1	S	1	S	1	10	----	N.	5	----	Cu. SE
9	Calm	----	Calm	----	SE	1	SE	1	Calm	----	N	1	1	Ci.	----	1	----	Cu.
10	Calm	----	Calm	----	Calm	----	SE	1	NW	1	NW	1	3	Ci.	S.	0	----	----
11	SE	1	SE	1	SE	1	SE	1	Calm	----	Calm	----	5	Ci.	S.	4	----	Fr.-Cu. SE
12	Calm	----	Calm	----	SE	1	SE	1	N	1	NE	1	5	Ci.	----	2	----	Fr.-Cu.
13	S	1	Calm	----	SE	1	NE	1	NE	1	Calm	----	2	----	Cu.	9	Ci.	Cu. E
14	Calm	----	Calm	----	Calm	----	Calm	----	NE	1	NE	1	6	Ci.	S.	6	Ci.	Cu. NW
15	Calm	----	Calm	----	Calm	----	Calm	----	SE	1	SE	1	8	----	Cu.-N.	8	----	Cu.-N. SE
16	ESE	1	Calm	----	Calm	----	SE	1	ESE	1	Calm	----	7	Ci. NE	S.	6	Ci.-Cu.	Cu. E
17	Calm	----	Calm	----	SE	1	N	1	NE	2	NE	2	1	Ci.	----	4	----	Fr.-Cu. N
18	Calm	----	Calm	----	NE	1	N	1	NW	1	NW	1	4	----	S.-cf.	8	----	Cu.-N. NE
19	Calm	----	Calm	----	Calm	----	Calm	----	NW	1	S	1	8	----	Cu.-N.	8	A.-Cu.	Cu. SW
20	Calm	----	Calm	----	Calm	----	SE	1	NW	1	Calm	----	4	Ci.	S. ESE	6	Ci.	Cu. SE
21	Calm	----	Calm	----	NW	1	NW	2	NW	2	NW	2	5	Ci.	Fr.-S.	9	Ci.	Cu. E
22	NW	1	NE	1	Calm	----	SE	1	Calm	----	Calm	----	8	----	Cu.-N. NNE	10	----	Cu.-N. E
23	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	S	1	10	----	N. •	8	----	Cu. SE
24	Calm	----	SSE	1	S	1	Calm	----	Calm	----	Calm	----	7	Ci.	N.-cf.	8	----	Cu. SE
25	Calm	----	Calm	----	NW	2	NW	3	NW	3	NW	2	8	----	S.-Cu.	10	----	N.
26	NW	2	NW	2	NW	3	NW	5	NW	2	NW	5	10	----	N. NW	10	----	N. NW
27	N	2	NW	1	NW	2	NW	2	N	1	NW	2	6	Ci.	Cu.-N. NW	10	----	Cu.-N. N
28	Calm	----	Calm	----	Calm	----	SW	1	Calm	----	SW	1	10	----	N.	7	A.-Cu.	Cu.
29	Calm	----	Calm	----	Calm	----	NW	1	NW	1	Calm	----	10	----	N.	9	----	Cu.-N.
30	Calm	----	Calm	----	SE	1	NE	1	Calm	----	Calm	----	5	----	S.-Cu.	7	----	Cu. NW
31	Calm	----	Calm	----	Calm	----	SE	1	N	2	Calm	----	6	----	Fr.-S.	3	----	Fr.-Cu. SE
Mean	------	0.3	------	0.2	------	0.7	------	1.1	------	0.9	------	1	5.9	------	------	6.1	------	------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

APRIL, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.64	60.71	61.75	59.04	58.75	61.04	24.5	23.5	29	33.5	30	26.7	34.4	23.2	91	91	66	52	67	77	------
2	60.20	60.66	61.56	59.07	59.28	61.32	23.4	22.5	31	34.3	30.1	27.1	34.7	22	91	92	58	45	61	76	------
3	60.33	60.94	61.66	58.76	59.08	61.33	24.5	22.8	31.5	35.4	28.8	26.6	36	22.1	88	93	60	45	80	85	------
4	60.64	61.08	62.25	59.28	59.27	60.54	25.3	24.6	30.7	34.5	29.5	25.5	35	23.7	88	92	64	43	68	85	------
5	59.70	60.30	61.16	57.83	57.25	59.35	25	24.5	31.6	34.8	31.4	25.8	35.4	23	88	91	62	42	60	83	------
6	58.39	58.65	59.30	56.76	57.21	58.89	23.3	22.2	31	35	27.6	26.6	35.6	21.6	93	95	62	52	70	85	------
7	58.22	58.54	60.49	59.29	59.11	60.62	25.2	23.5	24.6	24	22.1	21.7	26.3	21	85	87	75	79	90	90	------
8	60.02	60.35	61.19	58.67	58.44	59.76	21.7	21.6	25.6	27.9	27	24.5	30.4	20.8	90	91	83	68	70	78	------
9	58.78	59.14	59.62	56.53	57.35	59.84	22.7	21.8	31.6	35.7	28	26	36.1	21	88	93	54	41	70	80	------
10	59.25	59.97	60.77	58.09	58.48	60.67	24.6	24	29.6	29.3	28.5	25.9	35	23.2	89	92	64	73	74	88	------
11	59.72	60.32	61.10	58.03	58.69	61.93	25.1	24.5	29.8	35.2	28.7	23.2?	36.5	22.5	90	92	69	49	77	85?	8.1
12	60.64	61.04	61.86	59.05	59.34	60.73	22	22.3	28.5	34.1	29.8	25.6	34.9	20.6	86	96	76	51	73	88	------
13	59.83	60.22	60.97	58.35	58.70	60.65	24.6	24	31.3	34.9	26.5	26.2	36.1	23.7	94	97	55	45	92	85	12.7
14	59.93	60.03	60.77	58.13	57.88	59.70	25	24.1	30.5	34.6	31	26.7	35.7	23.7	91	95	63	38	56	81	------
15	59.06	59.97	60.62	57.23	57.40	59.75	25	24.3	31	33.5	29.2	27	35.1	23.6	90	91	64	50	73	80	------
16	58.63	59.22	60.47	57.55	58.07	60.02	25.8	24.6	30.2	33.3	27.4	25.6	33.8	23.9	84	90	68	51	78	79	------
17	59.39	59.57	60.32	57.49	57.44	59.90	24.2	24.2	30.5	34.5	30.6	26.8	35.2	23	86	86	65	49	62	78	------
18	59.42	59.17	60.32	57.81	57.74	59.77	26.6	26.5	32.3	36.1	31.2	27	36.8	24.4	80	88	53	42	64	77	------
19	59.05	59.37	59.79	56.71	56.74	58.75	26.1	25.1	31.7	36.2	30	26.8	36.7	24.9	84	92	62	42	68	90	------
20	57.85	58.28	58.80	56.35	56.64	59.02	25	24.5	31.3	35.8	30.6	24.6	36.6	23.7	91	92	64	43	65	87	------
21	58.27	58.74	59.32	56.76	57.09	59.03	24.3	25	29.6	35.9	30	26.6	36.8	23.6	91	88	70	48	71	88	------
22	58.58	58.92	59.65	56.36	57.35	59.42	26.1	25	31.5	35.4	24.5	25	36.3	24.2	88	92	63	43	96	92	11.7
23	58.38	58.74	59.62	57.08	57.11	58.85	24.8	24.6	29.8	33.5	30	26.1	34	23.3	93	97	70	56	65	88	------
24	58.40	58.79	59.51	56.59	56.15	59.27	25.7	25.2	30.2	35	31.5	23	36	23	88	91	71	52	66	100	65
25	58.42	58.85	59.48	56.92	58.16	59.43	24	24.8	30.7	34.5	28.8	26.3	35.2	23.2	96	96	56	41	75	86	------
26	59.01	59.22	59.49	57.12	57.45	59.33	25.2	24.3	31.5	35.3	29.1	27.3	36.2	23.6	91	95	60	44	78	84	------
27	58.34	58.82	59.45	56.92	56.59	58.63	25.6	24.4	31.5	34.6	30	26.1	35.5	23.3	90	92	66	52	70	91	------
28	58.13	58.27	58.82	56.42	56.40	58.02	25.2	24.7	30.4	34.5	29.5	26.5	36	23	92	92	65	55	68	83	------
29	57.58?	58.39	58.90	56.32	56.87	58.91	25.5	24.8	30.5	34.7	31	26.8	35	23.6	89	93	72	50	62	90	------
30	58.13	58.87	59.90	57.39	58.02	59.92	25.6	25	31.8	32.4	27.1	25.2	34.3	24	92	88	60	55	65	82	------
Mean	59.10	59.50	60.30	57.60	57.80	59.81	24.7	24.1	30.4	33.9	29	25.8	35.1	23	89.2	92	64.7	49.9	71.1	84.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	97.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	SE	1	SW	1	Calm	----	Calm	----	8	----	Cu.-N. NE	5	----	Cu. SW
2	SE	1	Calm	----	SW	1	S	2	S	1	S	1	1	Ci.	----	3	----	Cu. S
3	Calm	----	Calm	----	SW	1	Calm	----	N	2	NW	2	2	Ci.	S.	4	----	Fr.-cu.
4	Calm	----	Calm	----	Calm	----	E	1	NW	1	N	2	7	Ci.-Cu.	S.-Cu.	3	----	Fr.-cu.
5	Calm	----	Calm	----	SE	1	SE	1	N	1	Calm	----	10	----	S.-cu. SW	4	----	Fr.-cu. SE
6	Calm	----	Calm	----	Calm	----	NE	1	NE	2	NE	1	2	----	S.	1	----	Fr.-cu.
7	N	1	NW	1	NW	1	N	3	NW	2	N	3	8	----	S.-cu.	10	----	Cu.-N. NE
8	N	1	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	9	----	Cu.-N.	7	----	Cu.
9	Calm	----	Calm	----	S	1	SE	1	N	2	N	2	0	----	----	3	----	Cu. S
10	Calm	----	Calm	----	Calm	----	N	1	NW	2	NW	3	3	----	Fr.-S.	6	----	Cu. NE
11	NW	1	Calm	----	N	1	SE	1	NW	1	SW	2	8	----	S.-cu.	7	----	Cu. NE
12	Calm	----	SSW	1	SW	1	S	1	N	1	Calm	----	6	----	Cu.-N.	2	----	Cu.
13	Calm	----	Calm	----	SW	2	SW	1	NW	1	N	1	0	----	----	4	----	Cu. SW
14	Calm	----	SE	1	S	1	S	1	NW	1	NW	1	4	A.-Cu. SE	S.	2	----	Cu.
15	Calm	----	Calm	----	Calm	----	N	1	NW	2	NW	3	6	Ci.	N.-cf. SW	6	Ci.	Cu. S
16	N	1	NNE	1	NE	1	SE	1	SE	1	N	1	8	----	S.-Cu.	7	----	Cu. S
17	Calm	----	Calm	----	SE	1	SE	1	N	1	Calm	----	7	----	S.-Cu.	6	Ci.	Cu. SE
18	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	Calm	----	8	Ci.	S.	6	----	Cu. SE
19	Calm	----	Calm	----	SE	1	Calm	----	NNW	1	N	2	6	----	S.-cu. SE	7	Ci.	Cu.
20	Calm	----	Calm	----	SE	1	SE	1	NW	2	NW	1	4	----	S.-cu.	4	----	Cu. S
21	Calm	----	Calm	----	SW	1	SE	1	NW	3	NW	1	5	----	Cu. SSW	7	Ci.	Cu. SW
22	Calm	----	Calm	----	SE	1	SE	1	NW	3	N	1	8	----	S.-cu. S	8	Ci.	Cu.-N. SE
23	NNW	1	Calm	----	SE	1	NW	1	NW	1	N	1	8	Ci.	Cu.-N. N	6	Ci.	Cu. NW
24	Calm	----	Calm	----	Calm	----	SW	1	Calm	----	SE	2	4	Ci.	S.	5	----	Cu. SE
25	Calm	----	Calm	----	SE	2	SW	1	N	1	N	1	4	Ci.	Cu. S	6	Ci.-S.	Cu.-N. NW
26	Calm	----	Calm	----	SE	1	SE	2	NW	1	NNW	1	5	A.-Cu. SE	S.	1	----	Cu.
27	Calm	----	Calm	----	SE	1	Calm	----	NE	1	Calm	----	0	----	----	4	Ci.	----
28	Calm	----	Calm	----	SE	1	Calm	----	NW	3	N	2	0	----	----	1	----	Cu.
29	NE	1	Calm	----	Calm	----	NW	1	N	1	NW	3	8	----	S.-cu. S	4	Ci.-S.	Cu.
30	Calm	----	Calm	----	Calm	----	NW	3	NW	2	NW	4	5	Ci.	S.-cu.	5	Ci.	Cu. N
Mean	------	0.2	------	0.1	------	0.8	------	1	------	1.3	------	1.4	5.1	----	----	4.8	----	----

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

MAY, 1909.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.74	59.09	60.41	58.10	58.15	59.60	24.4	24.2	28.2	30.1	26	24.5	30.3	23.5	88	87	72	75	93	92	15.2
2	58.87	58.72	60.06	57.29	58.32	59.55	24.5	24	29.7	32.6	28	24.7	33.7	23.4	92	96	72	58	81	91	8.1
3	58.87	59.48	60.42	57.50	57.87	58.91	24.4	24	30.4	34.8	29.5	26.5	35.8	22.6	90	91	69	45	69	90	------
4	58.19	58.63	59.96	57.38	57.42	59.39	25.5	25.3	31.4	35.6	31	27	36.1	23.8	92	89	67	49	63	76	11.2
5	58.66	58.94	59.42	56.32	56.10	57.84	24.2	23.1	29.5	34	29.8	27.2	35	21.8	91	92	72	51	66	80	------
6	57.32	57.73	58.62	55.99	55.77	58.26	25.3	25.5	31.4	35.5	30.4	25	37.5	24.2	98	93	66	53	69	88	------
7	57.73	57.84	58.21	55.68	56.53	58.42	25.3	25.5	31.4	35.4	27.7	25.7	37	24.2	85	92	70	52	72	86	------
8	57.23	57.32	58.30	55.59	55.32	57.80	25	24.6	31.8	35.6	33.3	27.7	36.6	23.4	90	92	70	54	66?	91	------
9	56.87	57.03	57.96	55.31	57.72	59.04	27.3	27	32.4	36	24.6	25.4	37	24	88	88	66	51	91	90	2.5
10	57.89	59.06	59.43	57.15	58.06	59.85	25	24.5	30.2	34.1	26.6	26.5	35.5	23.8	90	92	70	56	94	92	5.3
11	58.89	59.78	60.32	57.80	58.76	60.51	25.1	24.5	30.2	34.5	27.2	25.7	36	23.2	95	96	74	56	83	98	1.5
12	59.17	59.57	60.07	58.74	59.37	60.27	25	24.8	29.5	31	26	25.8	33.4	24	98	93	73	65	80	82	------
13	58.93	58.49	59.16	56.38	56.86	59.14	24.8	24	30.7	34.1	30	23.8	35.3	23.1	89	96	74	56	74	91	5.3
14	57.69	58	58.47	55.95	57.33	59.24	23.7	23	28.5	34.5	27.5	25.3	35	22.5	91	97	81	60	81	94	24.9
15	57.47	57.64	58.35	56.24	56.63	58.87	24.3	24.1	30	34	28.5	27.4	35.3	23.5	97	97	76	64	78	89	------
16	58.37	58.62	59.66	57.14	57.32	59.52	25.5	25.1	29	33.6	29	26.6	35.3	24.5	96	96	78	58	74	90	------
17	59.02	58.82	59.65	56.82	57.57	59.57	26	25.5	30.3	34.8	29	27.5	36	24.9	94	96	76	61	79	88	------
18	58.75	58.72	59.72	57.40	57.50	59.56	26.5	26	30	33.5	31.8	28	35.3	25	90	94	75	58	70	82	------
19	58.82	58.89	59.95	57.28	56.87	58.70	26.9	26.1	32.1	36	30.5	27.2	37.1	25	87	92	66	53	78	89	------
20	58.18	58.61	59.12	56.66	56.29	58.60	26.6	26	32	36.5	30.7	27.2	37.5	25	------	------	------	------	------	------	------
21	58.20	58.26	58.27	56.47	56.51	58.89	26	25.1	32.6	35.7	32.5	27.5	36.5	24	89	88	61	49	59	77	------
22	58.30	58.66	58.73	57.07	58	60.82	27	26.6	33.7	36.8	28.5	27.4	38.1	24.2	------	------	------	------	------	------	------
23	59.95	69.39	60.21	57.65	58.30	61.17	26.6	25.1	32	35.6	31	26.7	37.1	24.5	82	88	65	54	76	95	3.6
24	59.12	60.01	59.79	56.83	56.26	58.82	25.8	25	31.4	35.5	32.5	27.6	36	23.5	88	87	73	52	73?	84	2.5
25	58.16	58.20	58.11	55.34	55.36	57.68	27.4	26.5	31	34.3	32.5	28	36.8	24.9	83	86	69	61	65	85	29
26	57.74	57.52	57.41	55.59	56.46	57.89	24.6	24	30.4	34.3	28	25.6	35.6	22.7	------	------	------	------	------	------	------
27	57.09	57.68	58	54.96	56.76	58.56	25.2	24.9	30.6	34	26	25.6	34.4	24.4	------	------	------	------	------	------	8.4
28	57.27	57.88	58.12	56.04	56.97	59.02	25.4	25.2	29.5	32	25.5	24	33	24	97	98	77	67	94	95	5.1
29	58.12	58.74	59.50	58.09	57.91	59.21	23.8	24.1	28.4	27.5	27.5	26.4	31.4	23	97	95	77	77	88	91	6.1
30	58.67	59.02	58.65	56.22	56.22	58.10	25.5	24.6	26.6	31.6	29.6	26.7	32	24.5	94	95	89	68	81	86	------
31	57.71	57.53	58.07	56	55.97	58.58	25.3	24	31.4	34.4	32.5	27.6	35.5	23.4	88	93	73	64?	67	82	------
Mean	58.26	58.54	59.10	56.68	57.11	59.08	25.4	24.9	30.5	34.1	29.1	26.4	35.4	23.8	91.1	92.6	72.3	58	76.4	87.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	128.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NW	1	NW	1	N	1	N	1	NW	1	N	1	8	------	Cu. SE	8	------	Cu. N
2	Calm	----	Calm	----	SE	1	SE	1	NE	1	SSW	1	8	Ci.	Cu.-N. S	8	Ci.-S.	Cu. NE
3	Calm	----	Calm	----	Calm	----	SE	1	NW	2	N	1	1	Ci.	------	6	------	Cu. S
4	Calm	----	Calm	----	S	1	SE	1	SE	1	Calm	----	2	Ci.	------	6	Ci.-S.	Cu. SW
5	Calm	----	SE	1	SW	1	SE	1	Calm	----	SW	1	6	Ci.	Cu. SE	2	------	Cu.
6	Calm	----	Calm	----	SE	1	SE	1	N	2	N	1	1	------	Cu.	6	Ci.-S.	Cu. S
7	Calm	----	S	1	SW	1	SW	1	NW	1	Calm	----	0	------	------	6	Ci.-S.	Cu.-N. SW
8	Calm	----	Calm	----	Calm	----	W	1	Calm	----	NW	2	4	------	S.-Cu. SW	5	------	Cu. S
9	Calm	----	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	7	------	Cu.	8	------	Cu. SE
10	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	5	Ci.	N.-cf.	7	------	Cu.-N. SE
11	Calm	----	Calm	----	SW	1	Calm	----	NW	1	Calm	----	7	Ci.-S.	S.-Cu.	7	Ci.-Cu. SE	Cu.-N. NE
12	Calm	----	Calm	----	SW	1	S	2	Calm	----	Calm	----	9	Ci.-Cu.	S.-Cu. S	10	Ci.-S.	Cu.-N.
13	Calm	----	Calm	----	S	1	SE	1	NW	1	Calm	----	8	Ci.-S. NW	------	6	Ci.	Cu. SE
14	Calm	----	Calm	----	Calm	----	S	1	NW	1	Calm	----	8	Ci.	Cu.-N.	7	Ci.-S.	Cu.
15	Calm	----	SE	1	SE	1	SE	1	NW	1	NW	2	10	------	N.	6	Ci.	Cu. S
16	SW	1	SE	1	SE	1	Calm	----	NW	1	NW	2	8	------	S.-Cu. SE	7	Ci.	Cu.
17	Calm	----	Calm	----	S	1	SE	1	NNW	1	Calm	----	8	------	N.	6	------	Cu. SE
18	SE	1	Calm	----	S	1	S	1	E	1	N	1	9	Ci.	N.-cf.	8	Ci.	------
19	Calm	----	Calm	----	S	1	Calm	----	NW	2	NW	1	8	Ci.	Cu. SE	8	Ci.	Cu. S
20	Calm	----	Calm	----	S	1	SW	1	NE	1	N	1	7	------	Cu. S	6	------	Cu. S
21	Calm	----	S	1	SW	2	SW	3	Calm	----	N	1	6	Ci.	S.-Cu. S	3	Ci.	Cu.
22	SE	1	SSE	1	SE	1	SE	1	NNW	2	Calm	----	1	Ci.	------	2	------	Cu.
23	Calm	----	SE	2	SE	1	SE	2	NE	1	NE	1	9	------	Cu.-N. S	4	Ci. NE	Cu. SE
24	Calm	----	Calm	----	SE	1	SE	1	N	1	NW	1	10	------	Cu.-N. S	6	Ci.-S.	Cu.
25	Calm	----	S	1	SSE	1	Calm	----	NW	1	NW	2	9	Ci.	------	7	Ci.-S.	Cu. S
26	NW	1	SE	2	SE	1	SE	1	W	2	Calm	----	8	------	N.	8	Ci.	Cu.
27	Calm	----	Calm	----	SW	1	SW	1	NW	4	NW	1	10	Ci.	S.-Cu.	8	------	Cu.-N. sw
28	Calm	----	Calm	----	Calm	----	Calm	----	NW	1	SW	1	8	------	S.-Cu.	8	------	Cu. N
29	S	1	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	10	------	Cu.-N.	10	------	Cu.-N. ENE
30	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	S	1	8	Ci. S	N. NW	8	------	Cu.-N. SE
31	Calm	----	Calm	----	S	1	SE	1	Calm	----	Calm	----	7	Ci. N	------	2	Ci.-S.	Cu. S
Mean	------	0.2	------	0.4	------	0.8	------	0.9	------	1	------	0.7	6.8	------	------	6.4	------	------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, −1.61 mm.]

JUNE, 1909.

Day.	Atmospheric pressure, 700 mm. +					
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*
1	57.78	57.88	58.45	56.31	56.72	58.92
2	58.30	58.86	59.27	56.98	56.50	58.45
3	57.78	58.44	58.55	56.12	56.08	58.26
4	58.41	58.76	58.88	57.09	56.72	58.40
5	58.10	58.65	58.90	56.95	56.63	58.69
6	58.40	58.32	58.53	56.42	56.08	58.37
7	58.11	58.27	58.64	56.80	56.89	58.73
8	58.37	58.64	58.65	56.52	56.75	58.97
9	58	58.32	58.45	56.30	56.80	58.30
10	58.20?	58.30	58.29	56.13	55.98	58.41
11	57.91	58.22	58.32	56.09	55.81	58.50
12	58.33	58.48	58.81	56.76	56.35	58.73
13	58.82	59.18	59.65	57.26	57.07	60.06
14	59.62	59.63	59.11	56.30	58.18	59.73
15	59.16	59.23	59.57	57.23	58	59.80
16	59.35	59.47	60.03	57.63	57.69	59.48
17	58.88	59.03	59.40	56.95	57.36	59.10
18	57.97	58.15	58.15	55.91	56.31	57.58
19	56.85	57.01	56.72	55.01	54.04	56.44
20	55.93	56.08	55.74	53.77	54.16	55.30
21	54.91	55.02	55.42	53.85	55.35	56.34
22	55.18	55.64	55.92	54.59	54.85	56.90
23	56.32	57.24	57.15	56.13	56.79	59.19
24	58.68	59.10	59.23	57.35	57.23	59.01
25	58.52	59.02	59.06	56.68	56.29	58
26	57.61	57.92	57.87	55.16	56.15	57.94
27	57.36	57.07	57.19	54.83	57.12	58.58
28	57.74	57.59	57.60	55.69	57	60.07
29	59.52	59.07	59.82	57.85	57.83	59.38
30	58.85	59.20	59.77	57.38	57.93	58.80
Mean	57.97	58.19	58.37	56.27	56.56	58.48
Total	------	------	------	------	------	------

Day.	Air temperature.							
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.
	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*
1	26	24.6	32	35	25.5	26.2	36.6	24.1
2	26	25.5	30.6	34.8	29	26.8	36.8	24
3	25.2	25.1	32.4	35.1	33	28	36	23.6
4	26.3	24.6	32.4	34.5	31	28.5	35.1	23.2
5	26.2	24.6	30.5	36.1	31	28.1	37.1	24.2
6	26.7	26	32.6	36	34	30.1	37.3	23.6
7	26.2	25.1	33.1	37.2	31.6	27.8	37.7	24.6
8	27.5	27.2	33.5	36.6	31.6	27.8	37.6	24.8
9	26.7	26.5	32.6	36.1	31.3	28	37.3	25
10	27.6	27.1	33.5	36.5	32.5	28.1	38.4	25.7
11	26.8	25.5	33.5	37.2	33.6	27.4	39	24.3
12	25.1	25.1	33	36	34.5	28.7	38.4	24
13	26.6	25.1	34	36.5	34	27.5	38	24.1
14	25.4	24.5	33	37.6	26.6	25.8	38.8	23.4
15	25.7	25.5	32.5	36.6	31	27.3	37.7	23.8
16	25.4	24.5	31	34	29	27	35	23.9
17	25.6	25.1	32.1	36.6	27.5	26.6	38	24
18	25.4	25	31.3	34.5	26	26.2	36	24.5
19	25.1	24	30.5	34.5	31	28.5	36	23
20	25.7	24.7	30.6	35.4	28	25.6	35.7	24
21	25.3	25	28.6	34	23.6	24.5	34.4	23.6
22	24.5	24.4	30	32.3	28.5	27.4	32.6	23.4
23	26.6	25.1	32	35	26	25.3	37	24.5
24	24.3	23.3	28.2	33.1	31.6	26.4	34.5	22.6
25	25.4	25	29.6	33.6	31.1	27.2	34	23.5
26	26.4	26.1	32.1	35.5	27.8	25.5	37.2	24.7
27	25.4	25.2	31.6	36.1	25	24.7	36.8	24
28	24.6	24.5	31.7	35.5	27.4	24.6	36.8	23.2
29	24.3	24	28.2	31.6	30.5	27.1	33	23
30	26.6	26	31.2	34	25.6	25	34.9	23.5
Mean	25.8	25.1	31.6	35.2	29.6	26.9	36.5	23.9
Total	------	------	------	------	------	------	------	------

Day.	Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	P. ct.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	89	95	57	39	97	91	18.8
2	93	92	69	60	86	94	------
3	----	----	----	----	----	----	------
4	80	87	64	54	69	78	------
5	----	----	----	----	----	----	------
6	87	84	59	45	64	79	------
7	----	----	----	----	----	----	------
8	89	87	61	52	66	83	------
9	95	96	66	55	67	85	------
10	----	----	----	----	----	----	------
11	87	93	62	52?	66	81	------
12	93	88	59	53	57	77	------
13	83	86	51	52	53	84	------
14	90	87	59	42	78	92	------
15	84	92	62	47	65	90	------
16	94	92	65	59	71	81	------
17	90	92	63	47	88	84	12.7
18	93	98	70	59	100	90	9.1
19	----	----	----	----	----	----	2.8
20	----	----	----	----	----	----	14
21	96	97	80	56	99	97	32.3
22	97	100	74	59	74	79	------
23	84	84	56	52	89	90	10.2
24	94	98	77	69	72	86	------
25	89	88	84	59	75	86	------
26	91	91	66	58	76	88	------
27	88	92	60	54	88	89	------
28	90	96	64	54	77	91	31.7
29	93	96	73	69	82	86	------
30	85	84	66	56	90	92	11.9
Mean	89.8	91.5	65.3	54.2	77	86.6	------
Total	------	------	------	------	------	------	143.5

Day.	Wind.											
	2 a. m.		6 a. m.		10. a. m		2 p. m.		6 p. m.		10 p. m.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*
1	SE	1	SE	1	SE	1	NE	1	Calm	----	Calm	----
2	Calm	----	Calm	----	Calm	----	NE	1	Calm	----	Calm	----
3	Calm	----	Calm	----	SE	1	S	2	Calm	----	Calm	----
4	Calm	----	SE	1	SE	3	SE	3	Calm	----	Calm	----
5	Calm	----	S	1	S	1	Calm	----	Calm	----	Calm	----
6	Calm	----	Calm	----	SE	1	SE	2	SE	1	Calm	----
7	Calm	----	Calm	----	S	2	SE	1	NW	2	NW	2
8	Calm	----	SE	1	SE	1	SE	1	NW	1	NW	1
9	Calm	----	Calm	----	SE	1	NW	1	N	1	NW	1
10	Calm	----	Calm	----	SE	1	Calm	----	NW	2	Calm	----
11	Calm	----	Calm	----	SE	1	SE	1	N	1	Calm	----
12	Calm	----	S	1	SE	1	SW	1	NW	1	NW	1
13	Calm	----	Calm	----	SE	2	SE	3	Calm	----	Calm	----
14	Calm	----	Calm	----	SE	1	SE	2	NE	2	NW	1
15	Calm	----	S	1	SE	1	Calm	----	NW	2	NW	1
16	N	2	SE	1	SE	2	N	1	NW	1	N	1
17	Calm	----	Calm	----	Calm	----	SE	1	N	1	N	1
18	Calm	----	S	1	SW	1	Calm	----	Calm	----	Calm	----
19	SE	1	SE	1	Calm	----	Calm	----	NW	1	SW	2
20	SW	1	Calm	----	SW	1	Calm	----	Calm	----	NW	1
21	Calm	----	Calm	----	SE	1	W	1	SW	1	Calm	----
22	Calm	----	SW	1	SW	4	SW	4	SE	1	SW	1
23	SE	1	Calm	----	S	2	SE	1	NW	1	Calm	----
24	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	NW	1
25	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	NW	1
26	Calm	----	Calm	----	SE	1	Calm	----	NW	1	W	1
27	Calm	----	SE	1	SE	1	Calm	----	Calm	----	Calm	----
28	Calm	----	Calm	----	SE	1	SW	1	N	2	Calm	----
29	S	1	S	1	S	1	SE	1	ESE	1	Calm	----
30	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	Calm	----
Mean	------	0.2	------	0.4	------	1.2	-----	1	------	0.8	------	0.5

Day.	Clouds.					
	6 a. m.			2 p. m.		
	Amount.	Form and direction.		Amount.	Form and direction.	
		Upper.	Lower.		Upper.	Lower.
	0–10			*0–10*		
1	1	Ci.	----------	5	Ci.-S.	Cu. S
2	0	----------	----------	5	Ci.	Cu.
3	1	Ci.	----------	4	----------	Cu. S
4	5	Ci.-S.	----------	5	A.-Cu. SW	Cu. S
5	8	Ci.-S.	----------	7	----------	Cu. S
6	1	Ci.	----------	4	----------	Cu.
7	2	Ci.	----------	9	Ci.	Cu.
8	1	----------	Fr.-S.	7	----------	Cu. W
9	8	Ci.	----------	8	Ci.	Cu. NW
10	8	A.-Cu.	Cu.	6	----------	Cu. NW
11	8	Ci.	----------	6	----------	Cu. S
12	5	Ci.	----------	8	----------	Cu. SE
13	3	Ci.	----------	6	Ci.	Cu.
14	0	----------	----------	3	----------	Cu. SE
15	7	----------	Cu.-N. SE	6	Ci.	Cu. S
16	8	----------	Cu.-N. SE	8	Ci.-S.	Cu.
17	8	A.-Cu.	Cu. SW	5	Ci.	Cu. S
18	7	Ci.-S.	N. S	8	----------	Cu. SW
19	8	Ci.	N.	8	Ci.	Cu. SE
20	9	Ci.	----------	9	Ci.	Cu.
21	8	----------	S.	10	----------	N.
22	10	----------	S.-Cu.	8	----------	Cu. S
23	8	----------	S.-Cu.	4	Ci.-S.	Cu.
24	8	A. Cu.	S.-Cu.	5	Ci. S	Cu. S
25	7	Ci.	S.	8	Ci.-S.	Cu.
26	5	Ci.	S.-Cu.	4	----------	Cu.
27	8	Ci.	----------	8	----------	Cu.-N.
28	8	Ci.	Cu.-N. S	2	----------	Cu.
29	10	----------	Cu.-N.	9	Ci.	Cu.-N.
30	0	----------	----------	4	----------	Cu. SE
Mean	5.7	----------	----------	6.3	----------	----------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, −1.61 mm.]

JULY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm*
1	58.14	57.73	57.91	55.34	54.83	57.32	24.6	24.1	30.5	34.5	31.1	27.5	35.5	23.4	93	95	72	60	71	86	------
2	56	55.79	56.20	54.53	54.65	57.51	25.4	24.5	31.4	34.4	30.5	26.3	36.2	23.7	92	92	71	46	70	86	------
3	56.72	56.73	57.35	55.38	55.65	58	25.5	25	30	34.5	29.5	27	36	24	91	92	71	59	78	84	------
4	57.52	57.13	58.35	57.04	56.32	58.52	25.7	24.3	29.5	29.5	31.1	26.4	32	23.8	88	94	80	69	68	85	------
5	58.19	58.30	58.10	56.45	56.52	58.48	25.5	25	31.3	33.3	31.1	27	34.8	23	86	88	64	58	66	82	------
6	58.01	58.27	58.84	56.75	56.41	57.86	25.6	24.7	28.2	33	30.5	26.6	33.5	24	91	94	79	61	72	90	2
7	57.44	57.47	57.87	56.35	56.27	57.93	25.6	24.6	29.7	32.5	28.7	26	33.4	23.6	87	93	73	55	73	85	3.8
8	57.57	58.07	57.91	56.11	56.55	58.12	25.2	24.3	29.5	31.8	28.6	26	32.8	23.5	88	93	72	61	71	96	------
9	57.44	57.14	56.42	54.33	55.46	58.15	25.6	24.8	31.5	34	29	26.8	35.7	24	93	93	60	51	67	79	3.6
10	56.83	56.32	56.48	55.09	55.42	56.78	25.4	24.1	31	32.5	28	26.1	33.8	23.5	88	96	65	66	77	88	------
11	56.38	56.64	56.78	54.51	55.14	56.95	25	24.5	30.5	34.1	29.5	27.7	35	23.1	90	93	72	58	75	82	------
12	56.10	56.23	56.62	54.93	54.34	55.90	25.6	24	30.6	27	27.6	26.1	33.3	23.7	87	97	70	84	81	85	49
13	54.02	52.05	52.56	52.42	53.65	56.30	24.6	23	22.8	26.6	27.6	26.4	28.6	22.1	90	100	97	78	83	86	85.3
14	55.54	56.41	57.30	56.16	56.47	58.62	24.7	24	30.6	31.4	28.3	26.7	32.5	23.2	94	95	68	71	77	83	------
15	57.47	58.29	58.92	57.44	57.45	60	25.2	23.6	29.1	33.6	30.5	28.4	34.7	22.6	88	97	74	56	75	81	------
16	59.89	59.88	59.98	58.43	57.76	59.56	26.3	24.1	29	29.5	28.6	27.1	33.5	23.5	87	95	76	79	81	87	6.6
17	58.24	57.94	58.31	57.22	56.82	58.16	26	25.1	30.6	28.4	27.4	26.6	32	24.3	91	95	76	85	84	90	15.5
18	57.44	57.25	58.18	56.67	56.95	59.23	25.3	24.6	25.7	31.1	28	26.6	32.4	23.8	96	98	94	73	88	87	4.8
19	58.24	58.49	59.52	57.26	57.13	58.88	24.5	24.6	28.1	31.1	30.4	28.4	33.4	24	97	97	84	69	74	83	------
20	58.46	58.92	58.99	56.87	57.10	58.77	26.6	25.7	30.5	32.1	28.1	25.7	33.7	24.5	90	94	73	69	87	94	------
21	58.24	58.27	58.68	56.87	57.26	58.36	25	24.2	28	30.1	26.5	25.3	32.8	23.5	96	95	77	68	84	93	2
22	57.54	57.30	57.67	55.89	56.16	58.22	24.7	24	28.4	32.5	26.8	25.7	33	23	92	96	70	63	86	92	2.5
23	57.72	57.97	58.69	56.75	57.09	57.75	24.8	24.6	28.1	29.2	28.5	26.8	30.6	24.1	98	98	84	76	81	87	------
24	56.72	56.87	57.87	55.72	55.22	56.84	26.2	25.6	27.8	30	28	24.8	32	24	89	89	83	75	71	98	------
25	55.61	55.66	55.64	54.24	55.32	56.38	24.5	24.2	29	27.5	24.1	23.6	32	22.8	91	94	81	81	91	91	21.3
26	55.62	54.36	54.38	52.55	51.76	52.15	23.3	23.1	25	27.4	26.5	25.8	27.5	22.3	93	92	92	78	84	89	------
27	50.85	50.71	52.02	50.93	51.29	52.99	25.6	25.3	32.5	24.6	24.5	24.4	33.5	24	91	98	60	99	97	97	129
28	50.96	50.88	51.04	49.31	49.13	50.11	24.4	24	28.5	28.2	25.3	24.8	29.2	24	97	98	82	80	94	97	8.9
29	47.10	44.56	39.60	45.22	48.61	51.25	24.7	24.5	25.8	25	24	23.7	28.6	22.8	97	97	82	93	96	97	44.2
30	51.38	52.74	54.22	53.45	54.27	55.70	23.4	23.1	28.4	28	29.7	26.4	34	22.1	99	99	82	94	69	81	------
31	55.54	56.34	56.92	55.13	54.83	56.88	25	24.3	30.6	34.4	31.5	27.1	35.5	22.9	88	89	72	56	72	87	------
Mean	56.22	56.15	56.43	55.01	55.22	57.02	25.1	24.4	29.1	30.7	28.4	26.3	33	23.4	91.5	94.7	76	70	78.8	88	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	378.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	Calm	----	Calm	----	Calm	----	Calm	----	E	1	SW	1	3	Ci.	----	6	Ci.	Cu. S
2	S	1	Calm	----	SW	1	SE	1	SE	1	S	1	6	Ci.	----	6	Ci.-S.	Cu.
3	S	1	SSE	1	S	1	Calm	----	NW	1	Calm	----	8	Ci.	N.-cf.	8	Ci.	Cu. S
4	Calm	----	Calm	----	Calm	----	S	1	Calm	----	Calm	----	7	Ci.-S.	S.-cf.	8	----	Cu.-N. sw
5	Calm	----	Calm	----	SW	1	SW	1	Calm	----	S	1	1	Ci.	----	5	Ci.-S.	Cu.
6	S	1	SE	1	SE	1	SE	1	Calm	----	N	1	8	----	Cu.-N. SE	9	----	Fr.-N. S
7	Calm	----	SE	1	SE	2	SE	5	SE	1	S	1	8	----	Cu.-N. SE	8	----	Cu.-N. SE
8	SW	1	SW	1	SE	1	SW	5	SW	1	SW	1	10	----	N.	7	----	Cu.-N. S
9	Calm	----	SE	1	SE	2	SE	2	NW	1	NW	1	7	----	S.-Cu. SE	7	Ci.-Cu. SE	Cu. SE
10	Calm	----	Calm	----	S	1	NE	1	NNW	1	Calm	----	8	----	S.-Cu. SE	8	Ci.-S.	Cu. SE
11	Calm	----	Calm	----	Calm	----	N	1	NE	1	NE	1	5	----	S.-Cu. SE	8	----	Cu.-N. NE
12	Calm	----	Calm	----	N	1	NE	1	NW	1	N	1	6	----	S.-Cu. NE	8	----	Cu.-N. N
13	NW	3	NW	3	SE	4	SE	3	SE	1	SE	2	10	----	N. NW	10	----	N. SE
14	SE	3	Calm	----	SE	3	SE	1	SE	1	SE	1	8	----	S.-Cu.	9	Ci.-S.	Fr.-N. S
15	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	N	1	9	----	S.-Cu.	8	Ci.	Cu. S
16	Calm	----	Calm	----	NE	1	NE	2	NW	1	N	1	5	----	S.-Cu. N	8	----	Cu.-N. nw
17	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	SE	1	8	----	N.	10	----	Cu.-N. SE
18	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	10	----	N.	10	Ci.-S.	Cu.-N. SE
19	Calm	----	Calm	----	Calm	----	SE	1	SE	1	Calm	----	5	----	S.-Cu.	9	----	Fr.-N.
20	Calm	----	Calm	----	NW	1	NW	2	NW	1	SE	1	9	----	S.-Cu. N	7	----	Cu. E
21	Calm	----	Calm	----	NW	1	NW	1	Calm	----	Calm	----	8	----	Cu.-N. NW	9	----	Cu.-N. E
22	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	Calm	----	7	----	S.-Cu.	8	Ci.-S.	N.-cf.
23	Calm	----	Calm	----	Calm	----	NE	1	Calm	----	Calm	----	10	----	S.-Cu.	8	----	N.
24	Calm	----	Calm	----	Calm	----	NE	1	NW	1	NW	1	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Fr.-N.
25	NW	1	Calm	----	NW	2	NW	2	NW	1	Calm	----	8	Ci.	S.-Cu. NW	8	----	N. NW
26	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	S	1	10	----	N.	10	----	Cu.-N.
27	SE	2	SE	1	SW	1	NE	1	NW	1	Calm	----	8	----	S.-Cu.	10	----	N.
28	Calm	----	Calm	----	S	1	SW	2	SW	1	Calm	----	10	----	N.	8	----	Cu.-N. S
29	Calm	----	Calm	----	SW	7	SW	1	Calm	----	Calm	----	10	----	Cu.-N. SE	10	----	N.
30	Calm	----	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	10	Ci.-S.	S.-Cu.	6	Ci.	Cu. NW
31	Calm	----	SE	1	SW	1	SW	1	NW	1	NW	1	8	Ci.	----	4	Ci.	Cu. WNW
Mean	------	0.4	------	0.3	------	1.1	------	1.3	------	0.6	------	0.6	7.6	------	------	8	------	------

TUGUEGARAO.

[ϕ=17° 36′ N ; λ=121° 40′ E ; barometer above sea, 23 meters ; gravity correction not applied, −1.61 mm.]

AUGUST, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.26	56.02	56.60	54.78	54.77	56.74	26.1	25.1	30	34.3	28.5	25.6	35.3	24.3	91	95	75	61	81	87	-----
2	55.65	55.61	55.62	53.84	54.58	56.34	24.7	24.1	32	34.4	25.4	25	34.6	23.5	88	95	67	58	82	92	5.8
3	55.13	55.16	55.02	53.61	55.42	56.84	24.7	24.4	31	34.4	26	25	35	23.4	94	97	75	57	92	94	9.7
4	56.06	55.77	56.18	54.20	55.10	57.14	24.7	24.3	29.5	33.5	27.2	25.4	35.2	23.5	94	94	76	61	75	84	.8
5	56.38	56.31	56.51	54.68	55.23	57.07	24.6	23.5	29.5	34.6	26.2	25.4	35.1	22.8	88	96	72	57	90	89	5.1
6	55.96	56.34	57.02	55.57	56.01	57.79	24.6	24.5	30.5	34.2	25.6	25.2	35.5	23.5	92	89	68	50	91	93	2.3
7	57.19	56.72	57.37	55.36	55,50	57.37	25	24.8	29.8	33.7	31	28	34.5	23.5	95	94	82	60	76	82	-----
8	56.75	57.03	57.35	55.43	55.36	57.53	25.4	25	31.1	34.6	31.5	28.3	35	24.2	98	97	75	56	77	82	-----
9	56.44	56.84	57.70	56.14	56.53	57.70	26.5	24.7	31.6	34	31.1	28	35.7	23.7	90	90	62	51	69	81	-----
10	57.12	57.18	57.67	56.25	56.26	57.70	25.8	25	28.8	32.4	29.5	27.8	33	24	93	94	69	62	82	82	-----
11	57.34	57.19	57.27	55.37	55.28	57.15	25.8	24.1	32.5	35.8	32.1	28.3	36	23.9	87	96	55	51	71	85	-----
12	56.07	56.72	57.32	55.02	55.02	56.99	26.4	24.5	32	35.7	31	27.8	36.6	24	-----	-----	-----	-----	-----	-----	-----
13	56.95	57.87	58.51	56.96	56.98	59.04	25.5	24.8	31.4	35.5	31.5	27	36	24.3	-----	-----	-----	-----	-----	-----	-----
14	58.47	58.35	59.05	57.28	57.96	59.40	26.6	26.1	31.5	35.2	27.5	26.3	35.6	24.5	-----	-----	-----	-----	-----	-----	-----
15	58.75	58.13	58.12	56.03	55.48	57.22	25.6	25	30.4	34.5	30.8	27.9	35.7	24	-----	-----	-----	-----	-----	-----	1.3
16	56.57	56.53	56.80	54.83	53.93	55.57	26.3	25	32	34.6	32	28.3	36	24.5	93	96	76	62	70	82	-----
17	55.72	55.87	56.76	54.96	54.40	57.32	26.4	24.5	31.6	35.4	32.5	28.8	36.6	24.2	90	97	70	58	66	81	-----
18	57.19	57.37	58.29	56.50	57.58	59.79	25.8	25.4	31.4	33.7	26	24.6	35.7	24.4	99	98	71	66	76	87	2.3
19	58.69	58.69	59.35	57.32	57.51	60.17	23.9	23.2	30.3	32.6	28.6	25.3	34.7	22.9	92	98	73	64	78	93	-----
20	58.59	58.86	58.78	56.77	56.75	58.63	24	23.6	28.4	32.6	28	26	34.5	23	97	96	77	66	79	89	4.6
21	58.38	58.48	59.50	57.27	58.29	59.82	24.6	24.3	30.3	33.1	27.4	25.7	34.5	23.7	95	97	72	69	74	90	-----
22	59.32	59.30	59.46	57	57.22	59.70	24.2	23.6	30	34	30.8	27.5	35.4	23.1	97	97	71	56	65	80	-----
23	58.75	58.87	59.33	57.23	57.03	58.69	25.2	24.4	30.2	35	30.4	28	36.4	23.7	95	97	75	57	76	81	-----
24	58.51	59.03	59.07	57.19	57.30	59	26.5	25.6	33	35.8	31.5	27.8	37.2	25.1	90	95	61	53	68	79	-----
25	58.29	58.69	59.15	56.83	57.23	58.32	24.9	24.1	31	36	27.2	25.5	36.4	23	92	91	68	48	89	97	-----
26	57.67	58.03	58.95	55.88	56.34	58.67	24.8	24.6	30.3	34.2	28	26.2	35.8	24	98	98	80	56	86	92	8.6
27	57.79	58.53	59.17	56.17	56.52	59.62	25.3	24.6	30.8	35.1	30.5	26.8	36.8	23.5	89	97	71	56	65	84	-----
28	58.62	58.85	59.42	56.83	57.81	59.06	24.6	23.6	29	34.8	27.5	25.3	36	22.8	91	95	74	58	77	86	-----
29	58.53	58.54	58.95	56.67	56.58	58.60	23.8	23	30.5	34.6	29.7	26.1	35.8	22.5	93	97	75	54	67	89	-----
30	58.17	58.03	59.20	57.27	56.69	58.42	24.6	23	31.5	28.3	28.1	26.1	34	22.5	93	98	66	88	88	92	14.5
31	58.35	58.37	59.31	56.61	56.58	58.43	24.8	23.5	31.4	35.6	30.5	27	36.3	22.9	93	97	71	54	72	84	-----
Mean	57.41	57.53	58.03	56	56.23	58.12	25.2	24.4	30.8	34.3	29.1	26.6	35.5	23.6	92.9	95.6	71.4	58.9	77.1	86.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	55

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	NW	1	Calm	----	NW	1	SE	1	2	Ci.	----	4	Ci.	Cu.
2	Calm	----	Calm	----	SW	1	SW	1	NE	1	Calm	----	8	Ci.	S.	8	Ci.	Cu.
3	Calm	----	Calm	----	SW	1	SE	1	Calm	----	N	1	10	----	Fr.-N.	5	Ci.-S.	Cu.
4	S	1	Calm	----	Calm	----	Calm	----	NW	1	N	1	10	Ci.-S.	Cu.-N. S	5	Ci.	Cu. S
5	Calm	----	Calm	----	NE	1	Calm	----	Calm	----	SE	1	5	Ci.	S.-Cu.	5	----	Cu. NW
6	S	1	Calm	----	SW	1	S	1	NW	1	Calm	----	10	----	N.	6	Ci.-Cu. W	Cu.-N.
7	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	N	1	8	----	S.-Cu.	6	Ci.-S.	Cu.
8	NE	1	SE	1	SE	1	Calm	----	Calm	----	NE	1	8	Ci.	----	8	----	Cu. W
9	Calm	----	Calm	----	S	1	SW	1	Calm	----	Calm	----	7	----	S.-Cu. wsw	7	Ci.-S.	Cu. W
10	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	N	1	8	----	S.-Cu. SW	8	----	Fr.-S.
11	NE	1	SW	1	SE	2	Calm	----	Calm	----	NE	1	8	----	S.-Cu.	8	Ci.	Cu. S
12	Calm	----	Calm	----	SE	1	Calm	----	NW	1	NW	1	6	Ci. ESE	----	3	----	Fr.-cu. sw
13	Calm	----	Calm	----	Calm	----	NW	1	NW	1	NW	2	8	Ci.	N.-cf.	9	Ci.	Cu. S
14	Calm	----	Calm	----	SE	1	NW	1	Calm	----	NW	1	10	----	S.-Cu. S	6	----	Cu. NW
15	Calm	----	Calm	----	Calm	----	Calm	----	NW	1	NW	1	7	Ci.	S.-Cu. SW	3	Ci.	Cu. S
16	Calm	----	Calm	----	Calm	----	NE	1	NE	1	NE	1	8	Ci.	----	3	Ci.	Fr.-Cu.
17	Calm	----	Calm	----	SE	1	N	1	NE	1	NE	1	7	Ci.	----	6	Ci.	Fr.-cu. NW
18	Calm	----	SE	1	SE	1	SE	1	SW	3	Calm	----	7	Ci.	----	8	----	Cu.-N. SE
19	SE	1	Calm	----	SE	1	SE	1	NW	2	SE	2	6	Ci.	S.-Cu. SE	8	Ci.	Cu.-N. SE
20	Calm	----	SE	1	SE	1	SE	1	NW	1	NW	1	10	----	N.	5	Ci.	Cu. SE
21	S	1	Calm	----	SE	2	NW	1	SW	1	Calm	----	7	Ci.	N. SE	8	Ci.-S.	----
22	SW	1	SE	1	SE	1	SW	1	N	1	NW	1	8	----	S.-Cu.	3	----	Fr. Cu. S
23	Calm	----	Calm	----	S	1	Calm	----	Calm	----	NW	1	0	----	----	3	----	Fr.-Cu.
24	Calm	----	S	1	SW	1	SW	1	NW	1	NW	1	4	----	S.-Cu.	8	----	Cu. SW
25	Calm	----	Calm	----	S	1	NE	1	NW	1	Calm	----	0	----	----	7	----	Cu. E
26	Calm	----	Calm	----	SE	1	NW	1	Calm	----	NE	1	8	Ci.	Cu.-N.	3	----	Cu. S
27	NE	1	Calm	----	SE	2	Calm	----	SW	1	SE	1	8	----	S.-Cu. SE	4	Ci.	Cu.
28	SE	1	Calm	----	SE	1	SE	1	SW	2	Calm	----	8	Ci.-Cu.	S.-Cu. SE	6	----	Cu. SE
29	Calm	----	Calm	----	Calm	----	NW	1	NW	1	Calm	----	2	----	S.	7	----	Cu. ESE
30	Calm	----	Calm	----	SE	1	NW	1	Calm	----	Calm	----	3	----	S.	8	----	Cu.-N.
31	Calm	----	Calm	----	SW	1	NE	1	Calm	----	Calm	----	0	----	----	4	----	Cu.
Mean	----	0.3	----	0.2	----	0.9	----	0.6	----	0.7	----	0.7	6.5	----	----	5.9	----	----

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, −1.61 mm.]

SEPTEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.45	58.32	58.84	56.61	56.85	59.20	25.2	24.4	32.1	35.6	31	27.2	36.3	23.2	92	92	66	52	69	82	------
2	58.25	58.53	59.30	57.28	56.85	58.71	25.1	23.4	31.8	31.6	31.3	27.8	35.5	22.6	91	97	66	72	61	79	------
3	58.33	58.55	58.56	57	56.70	58.97	25.5	24.5	32.6	33.5	31.5	27.8	35.4	24	92	96	61	64	72	83	------
4	57.92	58.26	58.52	55.76	55.70	57.61	25.4	24.5	32.2	34.5	29.8	26.9	36.6	23.7	90	93	69	56	69	81	------
5	57.01	57.04	57.35	54.84	55.71	57.12	26.3	24	31.5	33.5	27.6	25.5	35.2	23.5	82	96	73	53	76	90	------
6	56.33	56.59	56.53	54.23	54.53	55.88	25	24.5	29.1	35.2	28.5	26.6	35.8	23.9	92	97	77	56	81	86	------
7	55.19	55.39	55.72	53.48	53.82	55.76	25	24.7	31.6	35	28.5	26	36	23.3	93	90	69	54	81	93	------
8	54.78	55.03	55.31	52.53	52.27	54.75	25.3	24.5	32.4	34.5	32	29	35.7	23.4	94	97	62	55	72	78	------
9	53.91	54.74	55.62	53.12	54.40	56.66	26.1	25	33	36	29.1	27.6	37	24.5	90	92	61	50	85	89	------
10	55.97	55.97	57.17	55.01	56.64	58.62	26.8	26	31.6	34	27	25.5	36.3	24.6	91	94	69	62	84	90	9.4
11	56.37	56.59	56.74	53.86	54.87	56.71	25.3	24	31	35	28.1	26.1	35.5	23.5	89	97	72	57	80	91	------
12	56	55.84	55.82	53.63	54.21	56.56	25	24.1	31.3	34.6	28	26.3	35.2	23.6	98	99	70	56	85	90	2
13	55.88	55.75	56.32	53.84	53.91	55.71	25.6	24.5	31	34.6	30.4	27.3	35.5	24	91	96	69	59	66	78	------
14	54.67	54.37	54.40	51.67	51.25	53.33	25.9	24.6	31.5	35.2	29	27	36.2	24.1	87	96	72	54	81	90	11.4
15	52.24	52.22	53.46	52.36	53.05	54.90	25.3	25	29	33.7	29.4	28	35	24.4	98	97	89	57	86	92	------
16	54.86	55.47	56.75	54.67	55.81	56.58	27.3	26.6	28.4	26	24.6	24.1	32.4	23.6	92	98	86	95	97	97	28.7
17	55.53	55.06	55.54	52.90	52.86	54.47	23.8	23.5	28.3	30.7	27.4	25.8	32.1	23	97	98	76	67	83	90	------
18	53.25	52.89	53.18	50.40	50.81	52.19	24.8	24.2	30.1	33.3	29.6	26.8	34	23.8	93	98	74	64	75	84	------
19	51.70	51.89	52.67	50.94	52.64	53.29	25.1	24	30.5	32.1	26.2	24.9	34	23.5	90	96	74	66	92	93	10.2
20	52.80	53.29	54.29	52.67	53.70	54.79	24.2	23.5	29.6	31.6	26.7	25	32.4	23	95	96	71	62	83	92	------
21	54.24	55.06	56.02	54.76	55.70	57.65	24.8	24.5	29.2	31.3	29	26.3	33	23.5	92	87	70	61	71	80	------
22	57.46	57.73	59.21	57.56	57.81	59.49	24.6	23.5	32.4	34.1	32.3	28	36.5	22.8	88	92	62	56	64	81	------
23	59.62	60.12	60.96	58.43	58.28	59.71	25.5	24.6	31.4	33.2	30.1	26.8	35.2	24	94	95	73	61	71	81	------
24	59.41	59.21	59.71	56.96	56.70	58.13	25.5	24.1	30.9	34.5	30.1	27	35.5	23.3	88	94	70	57	81	90	------
25	57.76	57.44	57.39	55.08	55.40	57.57	25.5	24	32	35.6	30.2	26.2	36.7	23.5	93	98	70	57	68	87	3.6
26	56.90	57.94	58.69	56.56	56.73	59.37	25.2	24	31.7	34.5	30.5	27.5	36.1	23.5	91	97	68	52	72	84	------
27	60.28	60.60	61.85	59.09	60.09	63.47	25.9	24.5	31.5	35	28.5	23	35.8	22.1	92	96	67	57	78	87	------
28	61.97	61.69	61.92	58.88	59.06	60.96	22.1	21.5	28.7	33	30	24.5	34.5	21	93	95	73	61	73	92	------
29	59.73	59.42	59.82	56.73	56.96	58.52	23.6	23	30.2	34.5	29	26.5	35.1	22.5	93	93	71	56	71	86	------
30	58.18	58.75	59.05	56.86	57.48	59.07	23.6	22.3	30	33	29.5	26.8	34.5	21.6	91	92	73	59	71	81	------
Mean	56.50	56.66	57.22	54.92	55.36	57.19	25.1	24.2	30.9	33.6	29.2	26.5	35.2	23.4	91.7	95.1	70.8	59.6	76.6	86.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	65.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	SE	1	NE	1	Calm	----	Calm	----	6	Ci.	S.-Cu.	6	----------	Cu. SE
2	Calm	----	Calm	----	SW	1	SE	2	N	1	Calm	----	7	Ci.	S.-Cu.	8	----------	Cu.-N. SE
3	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	Calm	----	7	Ci.	S.	5	Ci.	Cu.-N.
4	Calm	----	Calm	----	Calm	----	NNW	1	NE	1	Calm	----	7	Ci.	S.-Cu.	7	Ci.-S.	Cu.
5	Calm	----	Calm	----	SE	1	SE	1	NW	1	Calm	----	6	Ci.	S.	7	----------	Cu. SE
6	Calm	----	Calm	----	S	1	SE	2	Calm	----	Calm	----	10	A.-S.	----------	9	Ci.-S.	Cu. SE
7	Calm	----	Calm	----	SE	1	SW	1	Calm	----	Calm	----	6	A.-Cu.	N.-cf.	7	----------	Cu.-N. S
8	Calm	----	Calm	----	SE	1	SE	1	NE	1	NE	1	1	Ci.-S.	S.	8	----------	Cu.
9	Calm	----	Calm	----	SE	1	SE	1	NW	1	NW	1	6	----------	Cu.-N. SE	6	Ci.-S.	Cu.
10	Calm	----	SE	1	Calm	----	Calm	----	NW	1	Calm	----	10	----------	Cu.-N. S	7	----------	Cu.-N. SE
11	Calm	----	Calm	----	SE	1	SE	1	NW	1	NE	1	8	Ci.	----------	4	----------	Cu.
12	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	Calm	----	9	Ci.	Cu. NE	7	----------	Cu. W
13	Calm	----	ESE	1	SE	1	NE	1	NE	1	NE	2	7	Ci.	N.-cf. SE	6	----------	M.-Cu. E
14	Calm	----	SE	1	SE	1	SW	1	NW	1	Calm	----	7	Ci.	S.-Cu.	6	Ci.	Cu. SW
15	Calm	----	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	8	Ci.	S.	8	----------	Fr.-N.
16	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	Calm	----	10	----------	N.	10	----------	Cu.-N.
17	Calm	----	Calm	----	Calm	----	NW	2	Calm	----	Calm	----	10	----------	N.	8	Ci. N	Cu.-N. NW
18	Calm	----	Calm	----	SE	1	SE	1	SE	1	Calm	----	6	Ci.	S.	6	Ci.	Cu. S
19	Calm	----	Calm	----	SE	1	SE	1	SE	1	SE	1	8	Ci.	S.-Cu.	10	----------	Cu.-N. SE
20	S	1	SE	1	SE	3	SE	3	SE	3	SE	1	6	----------	S.-Cu.	10	----------	N. SE
21	SE	1	SE	1	SE	2	SE	4	SE	1	S	1	7	----------	S.-Cu. SE	9	Ci.-S.	N.-cf. SE
22	SSE	1	SE	1	SE	2	SE	1	Calm	----	NNW	2	8	Ci.-S.	S.-Cu.	8	Ci.-S.	M.-Cu.
23	Calm	----	Calm	----	Calm	----	NE	1	NW	1	N	1	10	Ci.	----------	8	----------	Cu. E
24	Calm	----	Calm	----	Calm	----	WNW	1	Calm	----	NW	1	8	----------	S.-Cu. S	6	Ci.-S.	Cu.-N. SE
25	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	0	----------	----------	8	----------	Cu. ESE
26	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	6	Ci.	S.	5	----------	Cu. SE
27	Calm	----	Calm	----	Calm	----	NE	1	N	1	N	1	6	Ci.	S.	7	----------	Cu. SE
28	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	Calm	----	1	Ci.-Cu.	----------	3	----------	Cu.
29	Calm	----	Calm	----	SE	1	SE	1	NNW	1	N	1	8	----------	S.-Cu.	5	----------	Cu E
30	Calm	----	Calm	----	Calm	----	N	2	Calm	----	NW	1	5	----------	S.-Cu.	7	----------	Cu E
Mean	------	0.1	------	0.2	------	0.8	------	1.2	------	0.6	------	0.5	6.8	----------	----------	7	----------	----------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

OCTOBER, 1909.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.61	58.93	59.59	56.66	57.47	58.47	25	24.1	31	33.5	28.5	26.1	35	23.5	91	93	71	61	75	89	6.9
2	57.24	56.76	56.43	53.41	53.29	54.89	25.2	24.6	27.2	30.5	27.8	25.8	31	24	93	95	87	68	83	90	------
3	54.55	54.95	55.35	53.17	54.37	55.91	24.2	22.6	32.5	35	29.2	27.1	36	22.2	93	97	66	60	79	88	------
4	54.83	55.05	56.07	53.98	54.51	55.17	25.6	25	28.1	27.6	26	25.8	29.4	24	95	98	77	81	87	88	------
5	54.20	54.39	54.96	52.72	52.87	53.64	25.8	25.7	25.1	27.5	23.5	23.1	28	22.8	86	87	94	90	96	97	13.2
6	52.57	53.52	55.40	53.87	55.05	56.47	22.9	22.7	25.4	30	25.5	25.1	30.5	22.3	97	98	93	74	91	92	3
7	56.27	56.77	58.17	56.20	56.68	58.62	24.8	24.6	28	29.8	27.7	26.1	30.8	24	93	95	85	77	82	86	------
8	58.26	58.62	59.88	57.64	57.59	59.49	25.3	24.5	24.7	27.1	26.4	24.9	30.8	23.5	91	97	92	84	85	92	3.8
9	59.07	59.29	60.56	57.21	57.85	59.44	24	23.4	27.5	30.5	26	25.8	32.1	23	95	99	81	72	89	91	------
10	58.84	59.02	60.09	57.30	57.35	58.82	25.4	25	28.3	30	28	25.6	32.6	24	93	97	87	75	85	92	3.3
11	58.18	58.62	59.70	58.14	58.33	60.09	25.1	24.1	30.5	29.1	26.4	25	32.2	23.5	99	95	70	78	87	92	2.3
12	59.58	60.19	61.31	58.45	58.30	60.52	24.4	23.5	28.7	32.2	30.3	26.1	34.4	23	93	97	74	69	74	89	------
13	60.18	60.44	60.72	57.83	57.81	59.52	24	23.6	30.8	33.7	28.8	25.8	35.3	23	97	95	71	63	77	85	------
14	59.14	59.44	60.11	57.17	57.40	58.82	23	22.7	30.8	33.2	28.6	24.2	33.5	22.3	97	96	80	63	76	91	------
15	58.10	58.19	59.02	56.65	56.98	57.83	21.9	21.6	29.6	31.4	27.1	26	32.5	21	93	93	72	63	87	92	------
16	56.76	56.54	56.92	54.31	53.75	53.36	25.6	25.1	26.5	29.5	26.7	25.1	30	24	94	96	84	72	99	98	96.8
17	49.61	46.63	42.30	33.99	22.27	23.99	------	------	------	------	------	------	------	------	------	------	------	------	------	------	143
18	32.95	38.97	45.25	46.37	49.25	52.48	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
19	52.32	53.81	55.50	53.91	54.18	56.77	23.5	22.8	31.7	33.2	29.5	26.8	34	21.6	91	84	63	61	71	86	------
20	56.67	57.02	58.12	55.97	56.25	58.72	25.1	24.6	30	34	31.5	28	35	23.1	92	92	71	59	70	83	------
21	58.61	59.29	60.19	57.59	57.99	59.68	26.1	24.8	30.8	34.6	28.7	26.6	35.5	24	93	98	70	56	76	86	------
22	59.03	59.79	60.46	57.35	57.74	59.48	25.1	24.5	29.5	32.7	29	26.5	33.5	23.9	96	98	77	62	72	83	------
23	58.64	58.79	59.26	56.35	56.38	56.43	25.3	24	29.4	29.6	25.6	25.6	32.3	23.5	89	96	77	75	91	88	16.5
24	53.74	53.55	55.31	54.10	55.92	58.80	25.3	24.4	24.4	29.4	26.5	25.4	30.5	23.7	88	93	99	76	86	82	37.3
25	58.17	59.12	61.07	58.17	58.97	61.12	25.1	24.2	26.4	32	27	25.3	32.5	23.6	84	95	92	70	96	96	------
26	60.85	60.88	61.45	58.79	59.10	61.30	24.3	23.5	29.6	33.1	29	25.4	34.5	23	97	97	74	58	75	88	------
27	60.77	60.69	61.52	58.35	58.54	60.71	23.5	22.6	28.8	33.5	28.5	25.5	34	21.7	96	95	72	61	67	88	------
28	60.02	60.06	61.23	58.52	58.64	60.47	24.2	23	28.6	31	27	25.3	31.4	22	90	95	71	64	89	93	------
29	58.85	59.72	60.69	58.42	58.42	60.40	24.6	24.2	27.2	24.4	25	24.5	31.6	23.3	97	98	83	92	90	93	31.2
30	59.68	59.39	61.26	58.21	59.12	60.83	24	23.5	27.3	30.4	26.6	24.5	32.5	23	93	92	82	66	87	92	3.6
31	60.26	60.43	61.82	59.17	59.92	61.82	23.3	22.6	26.7	30.1	25.5	24.6	31.1	21.7	89	98	81	68	88	93	------
Mean	56.66	57.06	58.06	55.48	55.56	57.23	24.5	23.8	28.5	31	27.4	25.6	32.5	23	92.7	95.1	79.2	69.6	83.1	89.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	360.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	Calm	----	NW	1	N	2	NW	1	NW	1	7	Ci.	N. N	7	Ci.-S.	Cu. NE
2	Calm	----	SE	1	SE	1	Calm	----	SE	1	Calm	----	8	----------	N.-cf. N	10	A.-S.	----------
3	Calm	----	Calm	----	S	1	NW	1	NW.	1	NW	1	7	Ci.-S.	S.	8	Ci.-S. S	Cu. NE
4	Calm	----	Calm	----	N	1	NE	2	NE	2	NE	1	10	----------	S.-Cu.	10	----------	N. N
5	N	1	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	10	----------	Cu.-N.	10	----------	Cu.-N.
6	Calm	----	Calm	----	Calm	----	Calm	----	NW	1	NW	1	8	Ci.	Cu.-N.	8	----------	Cu.-N.
7	Calm	----	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	8	----------	S.-Cu.	8	A.-S.	----------
8	Calm	----	Calm	----	NE	1	NE	1	NE	1	Calm	----	8	----------	S.-Cu.	8	----------	Cu.-N.
9	Calm	----	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	3	----------	S.-Cu.	8	Ci.	Cu.
10	Calm	----	Calm	----	Calm	----	NE	1	NW	1	NW	1	10	----------	Cu.-N. S	9	----------	Cu.-N.
11	Calm	----	N	1	N	1	SE	2	Calm	----	SE	1	3	----------	S.	10	----------	Cu.-N. E
12	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	10	----------	N.	6	Ci.-Cu. E	Cu. SE
13	Calm	----	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	2	----------	S.	6	----------	Cu. E
14	Calm	----	Calm	----	NW	1	N	1	NW	1	Calm	----	0	----------	----------	4	----------	Cu. NW
15	Calm	----	Calm	----	NNW	1	NE	3	NW	1	N	2	0	----------	----------	8	Ci.-S.	Cu. NE
16	N	1	N	1	NW	2	NW	3	NW	3	NW	2	9	----------	Cu.-N. N	10	----------	Cu.-N. N
17	N	5	NW	7	NW	9	NW	12	WSW	12	SE	12	10	----------	N.	10	----------	N. N
18	SE	12	SE	10	SE	6	SE	5	SE	2	Calm	----	10	----------	N. S	8	----------	Fr.-N.
19	SE	1	Calm	----	S	1	SW	1	Calm	----	Calm	----	8	----------	S.-Cu.	8	Ci.-S. S	Cu. SE
20	Calm	----	Calm	----	SW	1	SW	1	Calm	----	Calm	----	7	Ci.-S.	S.-Cu.	7	Ci.	Cu. S
21	Calm	----	Calm	----	Calm	----	SE	1	NW	1	NW	1	7	Ci.-S.	S.	5	Ci.-S.	Cu. SE
22	Calm	----	Calm	----	Calm	----	NW	1	NW	1	N	2	8	----------	S.-Cu.	2	----------	M.-Cu.
23	Calm	----	N	1	NW	1	NW	4	NW	2	NW	2	6	----------	N. N	8	Ci.-S.	Cu.-N. N
24	NW	2	Calm	----	NW	1	NW	2	SE	2	SE	1	10	----------	N. SE	10	Ci.-S.	N.-cf.
25	Calm	----	Calm	----	SE	1	SE	1	NW	1	Calm	----	10	----------	Cu.-N.	8	----------	Cu.-N SE
26	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	3	Ci.	S.	7	Ci.-S.	Cu. SE
27	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	Calm	----	3	Ci.	----------	7	----------	Cu. SE
28	Calm	----	Calm	----	N	1	S	1	Calm	----	Calm	----	6	Ci.	S.-Cu.	10	----------	Cu.-N. SE
29	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	10	----------	Cu.-N. SE	10	----------	N.
30	Calm	----	Calm	----	NE	1	NE	1	SE	1	N	1	7	Ci.	S.	4	Ci.	Cu. SE
31	Calm	----	Calm	----	SE	1	Calm	----	SE	1	Calm	----	10	----------	Cu.-N.	8	----------	Cu.-N. SE
Mean	------	0.7	------	0.7	------	1.1	------	1.5	------	1.2	------	0.9	7	----------	----------	7.8	----------	----------

TUGUEGARAO.

[φ=17° 36′ N ; λ=121° 40′ E ; barometer above sea, 23 meters ; gravity correction not applied, —1.61 mm.]

NOVEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginnig 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.84	61.11	62.01	59.06	59.47	60.89	24.1	23.3	28.3	31.2	27.1	24.9	33.4	23	95	100	75	60	83	94	------
2	60.34	60.46	61.45	58.60	58.80	60.31	23.6	22.7	27.4	32.5	27.5	24.2	33	22	97	96	81	54	81	87	------
3	59.58	60.21	61.66	58.27	58.57	59.99	23.4	22.3	28.7	31.8	28	25.2	32.5	21.5	92	93	71	58	85	91	------
4	58.98	59.82	60.51	57.56	57.82	59.59	24	22.7	28.8	32.5	27.3	26	33.2	22.3	93	96	77	52	81	80	------
5	59.05	59.46	60.06	57.75	58.62	60.25	24.4	22.8	28.7	29.5	26.7	25.3	31.5	22.2	87	95	80	75	83	88	------
6	59.14	59.65	60.83	57.67	58.77	59.71	24	23.6	28.4	31.5	26.2	25.1	32.3	22.6	96	97	77	63	94	91	13.5
7	58.37	58.27	59.29	57.34	57.19	58.50	24.6	24.1	24.5	25.5	24	23.8	25.8	23.1	93	96	94	96	97	97	55.3
8	57.51	57.75	58.49	56.13	56.42	58.67	23.8	23.6	26.5	30.1	27.5	26	31.9	22.6	96	96	88	81	92	90	26.4
9	57.93	58.19	58.96	56.97	58.74	60.21	25.2	24.5	28.5	32.3	28.4	26.4	33.8	23.5	90	92	84	68	85	90	------
10	59.54	59.85	61.42	58.95	59.32	61.28	25	24.5	29.1	31.3	26.6	25.5	32	23.6	97	96	81	68	87	91	------
11	60.64	61.08	62.02	59.83	60.11	62.45	25	24.5	28	31	28.2	24.5	32.7	23.5	93	97	77	75	79	89	------
12	61.73	62.17	63.45	60.48	60.63	62.62	23.8	23	27.5	28.7	26.8	25.4	31.3	21.5	90	95	88	77	74	74	------
13	62.08	62.01	62.96	60.42	60.81	61.96	22.3	21.3	26.8	30.1	27.5	25	31.5	20.6	93	95	83	61	81	88	4.6
14	60.79	60.20	60.99	57.96	58.08	59.28	23.6	22.6	26	27	24.8	24.4	27.3	22	93	98	84	84	89	93	10.9
15	56.91	56.18	56.29	54.56	54.81	55.36	24.4	24.2	25	24.5	24.6	24.4	25.4	23	93	94	88	97	91	92	67.6
16	54.77	54.56	56.07	53.37	54.18	55.79	24.2	24	27.5	31.4	26	25	31.6	22.9	93	96	88	73	95	96	11.4
17	55.29	55.41	56.27	54.12	54.96	56.01	24.6	24.2	28.5	29.5	25.5	24.3	31.1	23.5	97	98	83	72	86	93	4.6
18	55.05	55.10	56.54	54.42	55.72	57.35	23.9	23.2	28.2	32	24.3	24.1	34	22.5	91	94	85	64	94	95	25.4
19	56.96	56.58	57.64	55.25	55.82	57.39	24	23.8	24.7	26.3	24.3	23.6	26.7	22.3	95	97	98	90	93	95	24.1
20	56.82	57.34	58.49	56.16	56.42	58.21	22.8	22.6	25.7	28.6	25.3	22.8	30.7	22.2	98	98	86	78	85	93	------
21	57.54	58.19	59.21	56.70	56.80	58.93	22.3	21.7	25.6	32.5	29.4	25.2	33.3	21.2	96	98	84	67	68	91	------
22	57.94	58.66	59.63	57.45	57.61	58.97	24	22.8	29.7	33	29.3	25.5	34.3	22.2	97	97	73	61	73	90	------
23	58.63	59.27	59.87	57.30	58.29	59.94	24.6	24.3	29	33	27.8	25	33.5	23.5	97	97	80	63	86	92	------
24	59.34	59.97	61.12	58.66	59.89	62.32	24.7	24.4	28.5	30	25.2	23.5	31	22.7	91	90	74	67	87	92	------
25	61.21	61.63	63.78	61.89	62.19	63.50	23.2	23.1	24.8	24.2	22.8	22.1	25.8	21.4	86	84	75	76	83	78	------
26	62.73	62.85	63.78	61.42	62.17	63.17	21.6	21.3	26	26.5	24.3	22.8	27.7	20.2	82	81	69	73	79	83	------
27	62.42	62.52	63.17	60.92	61.57	62.78	22	21.4	25	28	25.5	23	28.7	20.6	88	92	79	73	82	91	2
28	62.11	62.13	63.17	60.47	61.10	62.34	22.2	22	25	28	25.3	23.7	28.2	21.3	96	96	88	78	90	93	37.8
29	61.82	61.98	63.57	62.04	62.16	63.43	22.6	22.2	22	25	23.5	21.8	26	21.3	96	95	96	83	85	89	19.1
30	62.90	63	64.41	62.54	62.79	63.98	21.8	21.6	25.4	25.8	23.8	22.8	27.1	20.4	89	93	80	81	81	86	3.6
Mean	59.30	59.52	60.55	58.14	58.66	60.17	23.7	23.1	26.9	29.4	26.1	24.4	30.6	22.2	93	94.7	82.2	72.3	85	89.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	306.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	6	Ci.	N.	8	------	Cu.-N SE
2	S	1	Calm	----	Calm	----	Calm	----	NW	1	NW	1	4	------	S.	5	Ci.	Cu. NE
3	Calm	----	Calm	----	Calm	----	NW	1	NW	1	Calm	----	7	------	Cu.-N.	6	------	Cu. E
4	Calm	----	Calm	----	Calm	----	NW	1	NW	1	NW	1	6	------	S.-Cu.	7	------	Cu.-N. ENE
5	Calm	----	Calm	----	NW	1	Calm	----	NW	1	NW	2	6	Ci.	Cu.-N. NE	7	------	Cu. NE
6	Calm	----	Calm	----	N	1	NW	1	NW	1	Calm	----	10	------	S.-Cu.	9	Ci.-S.	Cu.-N. ESE
7	Calm	----	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	10	------	N.	10	------	N.
8	Calm	----	Calm	----	NW	1	Calm	----	Calm	----	Calm	----	10	------	N.	5	Ci.-S.	Cu.
9	Calm	----	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	10	------	N.	8	Ci.-Cu.	Cu.-N.
10	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	9	------	Cu.-N.	5	Ci.	Cu. SE
11	Calm	----	S	1	Calm	----	W	1	Calm	----	Calm	----	10	------	N.	6	------	Cu.-N.
12	Calm	----	Calm	----	Calm	----	N	1	NW	1	Calm	----	6	------	S.-Cu.	6	------	Cu.-N. NE
13	Calm	----	Calm	----	NE	1	NE	1	NE	1	NE	1	8	------	S.-Cu.	5	------	Cu.-N. N
14	Calm	----	Calm	----	NE	1	NE	2	NW	2	NW	2	7	Ci.	Cu.-N. N	8	------	Cu.-N. N
15	NW	2	N	2	NW	2	NW	2	NW	3	NW	3	8	------	Cu.-N. NE	10	------	Cu.-N. N
16	NW	2	NW	1	Calm	----	NW	1	Calm	----	Calm	----	10	------	Cu.-N.	7	------	Cu.-N. SE
17	S	1	Calm	----	SE	1	SE	1	SE	1	S	1	8	------	N.	7	Ci.-S.	N. SE
18	S	1	SW	1	Calm	----	SW	1	SW	1	Calm	----	8	Ci.	N.-cf.	7	Ci.	M.-Cu. SW
19	Calm	----	Calm	----	Calm	----	NW	1	NW	1	Calm	----	10	------	N.	10	------	Cu.-N. NW
20	Calm	----	Calm	----	Calm	----	------	----	Calm	----	Calm	----	5	Ci.	Cu.-N. S	6	Ci.-S.	Cu.-N. NE
21	Calm	----	Calm	----	SE	1	SE	1	SW	1	Calm	----	10	------	S.-Cu. SE	2	Ci.-Cu.	Cu.
22	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	N	1	10	------	S.-Cu. N	8	Ci.	M.-Cu. S
23	Calm	----	Calm	----	Calm	----	Calm	----	NW	1	N	2	4	------	N.-cf. SW	3	------	Cu. S
24	NE	1	Calm	----	NE	1	NE	2	NNE	2	NE	2	8	------	S.-Cu.	8	Ci.-Cu.	Cu.-N. SE
25	NE	3	NE	2	NE	2	N	3	NW	2	NE	2	7	------	S.-Cu. N	6	------	S.-Cu. NE
26	NE	1	NE	1	N	1	NE	2	NE	1	NW	2	10	------	S.-Cu. NE	8	------	Cu. NE
27	Calm	----	Calm	----	NW	1	Calm	----	Calm	----	NW	1	8	------	S.-Cu.	7	------	S.-Cu. E
28	Calm	----	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	10	------	Cu.-N.	8	------	Cu.-N.
29	Calm	----	NW	1	NE	1	NW	1	Calm	----	NW	1	10	------	N.	9	------	Cu.-N. N
80	Calm	----	Calm	----	Calm	----	NW	1	NW	1	NW	1	10	------	Cu.-N.	8	------	Cu.-N. N
Mean	------	0.4	------	0.3	------	0.5	------	0.9	------	0.8	------	0.8	8.2	------	------	7	------	------

TUGUEGARAO.

[ϕ=17° 36′ N ; λ=121° 40′ E ; barometer above sea, 23 meters ; gravity correction not applied, —1.61 mm.]

DECEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	63.09	63.05	63.99	61.72	61.97	63.14	22.5	22.4	23.3	24.4	23.8	23	25.2	21.2	89	93	90	91	78	86	2.5
2	61.97	62.28	63.47	60.64	60.50	61.61	22.3	22.2	25.3	27.4	25	23.8	28.4	21.5	96	89	81	76	83	85	----
3	61.07	60.92	61.66	59.48	60.44	61.39	22.7	22.5	26.5	24.2	23.8	21.8	27.5	21.2	92	87	76	86	81	90	----
4	60.06	59.77	60.32	58.19	59.04	60.34	21.4	21	24.1	25	22.6	21.7	26.1	19.8	89	87	83	71	87	90	----
5	59.61	59.98	61.01	59.24	59.67	60.75	21.4	21.1	24	25.3	23.4	21	25.6	20.5	89	88	70	59	67	82	----
6	60.06	60.81	61.99	59.66	59.95	60.92	20.4	20	22	24.5	22	21.3	24.7	18.9	91	88	88	79	79	84	1.8
7	60.41	61.10	62.20	59.51	59.81	60.76	20.8	20.5	23.5	26.1	21.8	21.3	26.5	19.9	87	91	76	67	80	84	----
8	60.03	59.91	60.86	57.59	57.95	59.34	21.1	20.9	24.5	28.4	25.4	23.1	29.1	19.8	89	90	86	70	74	88	----
9	58.61	58.45	59.69	57.02	57.17	58.77	22.7	22.2	23.8	29	25.4	24.5	30.1	21.5	90	95	97	79	88	92	17.5
10	58.24	58.39	59.87	57.23	57.76	59.28	23.9	23.2	26.8	28.2	24.6	23.4	29.5	22.2	91	94	86	80	87	95	25.1
11	58.51	58.55	59.69	56.79	57.67	59.57	22.6	22.5	25.4	29	25.8	24.4	29.4	22.2	97	96	88	75	81	91	1.5
12	58.30	58.51	59.68	56.92	57.94	59.74	23.1	22.7	25	29.7	26.1	24.2	30.5	22	95	95	83	73	79	91	----
13	59.08	59.73	61.41	59.68	60.46	62.04	23.4	23.1	25.2	25.6	23	21.6	26.4	21.1	95	93	92	80	93	93	----
14	61.89	62.16	63.53	61.37	61.57	62.63	20.9	20.6	23.5	24.4	21.8	21	25.4	19.8	94	90	75	80	85	94	2.5
15	61.74	61.73	63.52	61.83	61.54	62.52	21.2	21.4	21	21.8	22.5	21.9	22.5	20.2	93	96	96	87	99	99	75.3
16	61.62	61.72	62.94	60.40	61.35	62.09	21.7	21.6	22.8	24.5	23.2	22.2	25.8	21.1	97	96	92	91	97	96	29.9
17	61.84	61.93	63.23	61.20	62.12	63.02	21.6	21.5	23	23.2	22.3	21.9	23.8	21	97	93	88	91	96	96	17.2
18	62.34	62.04	63.67	61.57	62.32	63.69	21.7	21.5	23.8	26	22.2	21.3	26.4	20.6	96	95	81	67	88	85	----
19	62.90	62.79	64.27	61.51	61.67	62.63	20.9	20.4	23.6	25	22.5	20.2	26	19.4	83	82	64	68	82	91	1.3
20	61.28	61.18	62.64	59.64	60.23	61.39	20.2	20	22.1	28.2	24.6	22.6	29	19.4	93	99	91	72	79	85	----
21	61.07	61.01	62.07	59.54	60.34	61.89	21.5	20.7	25.1	28.4	28.7	22.3	28.8	20.1	92	97	75	56	80	81	----
22	61.38	60.83	62.82	59.79	61.10	61.99	22	21.8	23.5	28	23.8	22.2	28.3	19.5	81	79	79	61	74	86	----
23	61.31	61.44	63.04	60.95	62.08	63.23	21.8	21.6	24.4	26.3	22.5	22.4	27	20.3	89	92	80	78	82	74	----
24	62.77	62.83	64.47	62.61	63.73	64.87	21.8	21.2	23.4	24.6	22.4	21.6	25.6	20	76	79	71	68	76	77	----
25	63.55	64.22	65.72	64.02	64.85	66.35	20.5	20.8	23	24	21.4	21	25.4	19.9	86	89	79	73	84	83	----
26	65.99	66.25	67.28	65.39	66.22	66.98	20.5	19	23.1	24	21	19.5	25.1	18.4	77	83	70	69	86	82	----
27	66.36	66.25	68.02	65.43	65.89	67.32	19	18.4	23	27.3	22.7	19.8	28.3	17.7	85	88	73	57	82	87	----
28	66.85	66.62	67.89	65.08	64.97	65.53	20.1	20.3	24.7	28	25	22.5	28.4	19.3	89	92	82	63	76	91	8.6
29	64.57	64.34	65.72	63.77	63.87?	63.92	22.1	21.7	23	23.5	22.8	22	25.3	21.1	93	96	93	92	94	95	3
30	62.72	62.69	63.08	59.82	60.34	61.21	21.5	21	25	29.8	25.4	23.9	31	20.5	91	95	83	69	88	94	----
31	60.56	60.49	61.23	58	58.42	59.96	23	22.9	25.4	31.5	27.5	24.1	32.5	21.9	97	96	88	61	78	91	----
Mean	61.61	61.68	62.93	60.50	61.06	62.22	21.6	21.3	24	26.3	23.7	22.2	27.2	20.4	90.3	91.1	82.5	73.8	83.3	88.3	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	186.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	NW	1	NE	2	Calm	----	NW	1	9	----	S.-Cu. SW	10	----	Cu.-N. N
2	Calm	----	Calm	----	Calm	----	NE	1	NW	1	NW	2	7	----	S.-Cu.	8	----	Cu. NE
3	Calm	----	Calm	----	NE	2	NW	2	NW	2	NW	2	7	----	S.-Cu.	8	----	N. N
4	N	1	Calm	----	NNW	2	NE	2	NW	3	NW	1	10	----	N.	8	----	Fr.-N. NE
5	NW	1	N	1	N	2	NW	3	NW	1	NW	1	6	----	S.-Cu.	8	----	S.-Cu. N
6	Calm	----	Calm	----	Calm	----	NW	1	NW	2	N	1	10	----	Cu.-N.	9	----	Cu.-N. NW
7	Calm	----	Calm	----	Calm	----	NE	1	NW	1	Calm	----	8	----	S.-Cu.	7	----	Cu.-N. NE
8	Calm	----	Calm	----	Calm	----	NE	1	NW	1	NW	1	10	----	N.	7	Ci.	Cu.-N. NE
9	Calm	----	Calm	----	Calm	----	NE	1	NE	1	Calm	----	10	----	N.	8	Ci.	Cu. NE
10	Calm	----	Calm	----	N	1	NW	1	N	1	Calm	----	10	----	N.	7	----	Cu. NE
11	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	8	----	S.-Cu.	8	A.-Cu. SE	Cu. SE
12	Calm	----	Calm	----	Calm	----	Calm	----	NE	1	SE	1	9	----	Cu.-N.	7	A.-Cu.	Cu.
13	Calm	----	N	1	N	2	NW	2	N	3	N	4	9	----	S.-Cu. N	8	----	Cu.-N. N
14	NE	3	NW	3	NW	3	N	3	NW	2	NW	1	8	----	S.-Cu.	8	----	Cu. N
15	Calm	----	Calm	----	Calm	----	Calm	----	N	1	N	1	10	----	N.	10	----	N.
16	Calm	----	Calm	----	Calm	----	Calm	----	NW	2	NW	2	10	----	N.	8	----	Cu.-N. N
17	NE	2	N	2	N	1	N	2	NW	1	N	2	10	----	N.	10	----	N. N
18	NW	2	N	2	NE	2	N	2	NE	2	NE	4	10	----	Cu.-N. N	8	Ci.-S.	Cu.
19	N	2	N	2	N	1	N	2	NNE	1	N	1	8	----	S.-Cu. N	5	Ci.	Cu. NE
20	Calm	----	SE	1	Calm	----	NE	1	Calm	----	NW	2	10	----	N.	7	Ci.-S.	N.-cf. NE
21	N	1	N	1	N	2	NE	2	NW	2	N	1	6	----	S.-Cu.	7	Ci.	N. N
22	N	1	N	1	Calm	----	NE	1	N	1	NE	1	6	----	S.-Cu.	7	Ci.	Cu. N
23	N	1	NW	1	NE	1	NE	2	NE	2	NE	3	8	----	S.-Cu. N	8	----	S.-Cu. N
24	NE	2	NE	2	NE	2	ENE	1	N	1	NE	1	10	----	S.-Cu.	9	----	S.-Cu. NE
25	NE	1	NE	1	NE	3	NE	1	N	1	NNW	3	9	----	S.-Cu.	6	----	S.-Cu.
26	N	4	N	3	NE	2	NE	2	N	1	N	1	8	A.-Cu.	S.-Cu. N	8	----	S.-Cu. NE
27	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	7	----	S.-Cu.	8	----	Cu. S
28	Calm	----	Calm	----	SE	1	NE	1	Calm	----	NW	1	10	A.-S.	----	6	Ci. E	Cu. SE
29	Calm	----	Calm	----	SE	1	SE	1	Calm	----	SE	1	10	----	N.	10	----	N.
30	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	8	----	S.-Cu.	6	----	Cu.-N.
31	Calm	----	Calm	----	SE	1	S	1	Calm	----	Calm	----	10	----	Fr.-N	2	----	Cu.
Mean	----	0.7	----	0.7	----	1	----	1.3	----	1.1	----	1.3	8.7	----	----	7.6	----	----

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

JANUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.71	62.86	64.41	61.59	61.88	62.99															
2	61.38	62.03	63.06	60.11	60.21	61.11															
3	60.15	60.38	61.26	59.19	59.23	60.01															
4	59.23	59.48	60.45	57.74	57.90	59.19															
5	58.70	58.80	60.20	57.59	58.16	59.44															
6	59.30	59.41	60.71	58.44	58.85	59.48															
7	59	59.21	60.25	58.24	59.17	60.46															
8	60.31	60.81	61.86	59.48	59.48	61.20															
9	61.43	61.78	63.15	61.41	61.56	62.30															6.4
10	62.56	62.81	63.88	61.36	61.87	62.38															
11	61.81	62.02	62.93	60.06	60.29	61.07															6.4
12	60.11	60.11	61.26	59.46	60.06	60.77															6.6
13	60.13	60.23	61.22	59.16	59.92	61.05															37.3
14	60.61	61.78	64.08	62.42	63.53	64.55															13.2
15	63.89	64.28	65.93	63.46	63.54	64.73															2.8
16	63.99	64.04	65.41	62.93	62.71	63.37															
17	62.11	62.39	63.63	61.66	61.56	62.53															
18	61.53	61.75	62.96	60.84	61.75	62.66															4.1
19	61.41	61.61	62.97	60.91	61.39	62.31															
20	61.41	61.86	63.36	61.31	61.51	62.74															
21	61.86	62.26	63.58	61.41	61.25	62.71															10.4
22	62.42	62.41	64.03	62.34	62.48	63.57															.3
23	62.89	62.93	64.08	61.76	61.58	62.87															
24	61.56	61.58	62.33	59.43	59.35	60.56															3
25	60.65	60.86	61.76	59.89	60.24	61.35															3.6
26	61.18	61.46	62.33	60.36	60.28	61.18															.3
27	60.50	60.74	61.90	59.56	59.56	60.33															48
28	59.39	59.49	60.58	58.95	59.48	60.28															20.8
29	59.63	60.33	61.97	60.43	61.55	62.53															
30	61.65	61.87	63.19	60.98	61.11	62.13															
31	61.23	61.34	63.18	60.85	60.46	61.57															
Mean	61.12	61.38	62.64	60.43	60.71	61.72															
Total																					163.2

Day.	Wind. Direction.						Wind. Total movement in 6 hours.				Total movement in 24 hours.	Clouds. 6 a. m. Amount.	Clouds. 6 a. m. Form and direction. Upper.	Clouds. 6 a. m. Form and direction. Lower.	Clouds. 2 p. m. Amount.	Clouds. 2 p. m. Form and direction. Upper.	Clouds. 2 p. m. Form and direction. Lower.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.							
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	ENE	E	ENE	NE	E	E	123.1	144.8	134.4	69.5	471.8	10		S.-Cu. E	10		S.-Cu. E
2	SE	S	S	NE	E	SE	30	23.6	48.5	42.9	145	0			10		Cu.-N. ENE
3	E	SE	SE	NE	E	SE	41.2	84.8	76.7	34	236.7	10		S.-Cu. E	10		S.-Cu. E
4	SE	SE	S	NE	ENE	SE	60.4	102.8	63.4	28.2	254.8	10		S.-Cu. S	5	A.-Cu. SW	Cu.-N.
5	S	SE	S	NE	E	ENE	62.8	89.1	45.1	18.7	215.7	0			0		
6	SW	S	SW	NE	NE	NE	41.3	16.3	68.2	31.9	157.7	1		S.-Cu.	0		
7	NE	SE	S	S	NE	NNE	29.8	100.3	91.9	24.9	246.9	0			0		
8	W	SW	SW	NE	NE	E	36.5	16.6	66.5	29.3	148.9	10	A.-Cu. E	S.-Cu. SE	1		Cu.-N.
9	SW	S	SW	NE	NE	SE	31.2	42.4	95.2	63.3	232.1	0			0		
10	SW	SW	S	NE	NE	E	26.6	39.6	105.7	31.4	203.3	0			1	A.-Cu.	S.-Cu.
11	S	E	S	S	ENE	S	31.9	61	79.4	40.4	212.7	10		N.	0		
12	SW	SW	N	N	E	NW	31.6	72.4	40.4	44	188.4	10	A.-Cu. W	S.-Cu.	10		S.-Cu.
13	W	WSW	W	NE	NE	NE	54.9	56.6	96	146.4	353.9	1		Cu.-N.	1		Cu.-N.
14	NE	NE	NE	NE	NE	NE	137.9	154.8	105.6	128.9	527.2	10		N. NE	10		N. ENE
15	NE	E	SW	NE	NE	E	108.8	48.1	96.6	78.1	331.6	10		N. E	10		Cu.-N. NE
16	W	NE	E	NE	ENE	NE	43.8	48	109.9	102.2	303.9	10		N. ENE	8		Cu.-N. NE
17	SW	NE	SE	NE	ENE	E	66.8	67	68.6	54.5	256.9	10		Cu.-N. E	1	A.-Cu.	
18	SW	SW	S	NE	E	SE	37.6					0			10	Ci. E	S.-Cu.
19	SE	S	SE	NE	SE	SE			71.1	66.8		7	Ci. E	S.-Cu.	4		Cu.-N.
20	SE	SE	SSW	SE	N	N	87.4	78.9	64.2	8.2	238.7	0			1		Cu.-N.
21	NW	NW	N	NE	NE	NE	28.8	45.7	114	123.7	312.2	7		Cu.-N. N	8	A.-Cu. SW	Cu.-N. NE
22	NE	NE	NE	NE	NE	NE	95.3	89.1	116.5	133.9	434.8	10		S.-Cu. ENE	10		S.-Cu. NE
23	NE	NE	NE	NE	NE	E	119.7	127.7	130.2	27.4	405	10		N. NE	10		S.-Cu. ENE
24	E	SE	S	SE	NE	NE	36.4	127.9	96	36.2	296.5	1		S.-Cu.	1		Cu.-N.
25	E	SE	S	NNW	N	N	37.6	45.6	81.3	80.8	245.3	0			1		€u.-N.
26	NE	NE	E	NE	NE	NE	47.2	52.8	134.2	206.8	441	10		Cu.-N. NE	10		N. NE
27	NE	NE	E	N	NE	NE	154.8	62.2	95	32.5	344.5	10		N. NE	10		S.-Cu. E
28	S	S	NW	NW	N	N	28	57.6	73	64.9	223.5	0			10		N. NW
29	NE	NE	NE	NE	NE	ENE	93.1	97.7	131	70.8	392.6	10		N. NE	10		N. NE
30	W	SW	E	E	E	S	48.1	61.7	90.9	29	229.7	8		S.-Cu. ENE	10		S.-Cu. E
31	S	S	S	E	E	S	46.5	40.7	89	40.2	216.4	10		S.-Cu. E	5		Cu.-N. E
Mean							60.6	89.3	70.9	63	285.1	6			5.7		

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

FEBRUARY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.47	60.75	62.16	59.94	59.87	61.21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2	60.71	60.89	62.48	60.27	59.81	60.38	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
3	60.08	60.53	61.73	59.82	60.31	61.34	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4	60.58	61.37	63.21	62.05	63.26	63.91	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5	63.49	64.12	65.64	64.38	65.20	65.59	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6.9
6	64.51	64.66	65.86	64.21	64.70	65.46	----	----	----	----	----	----	----	----	----	----	----	----	----	----	.3
7	65.25	65.40	66.42	64.33	64.32	64.79	----	----	----	----	----	----	----	----	----	----	----	----	----	----	.3
8	64.38	64.64	64.90	61.85	61.96	62.71	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1.3
9	62.40	63.54	64.11	61.69	62.61	63.45	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
10	63.08	63.83	64.64	62.45	62.66	63.19	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1.3
11	61.88	64.09	65.25	63.11	63.30	64.61	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
12	64.32	65.04	66.60	64.68	65.46	66.54	----	----	----	----	----	----	----	----	----	----	----	----	----	----	11.4
13	65.37	65.86	67.05	64.63	65.17	66.09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	.5
14	64.39	64.66	65.50	62.76	62.38	63.22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1.5
15	62.14	62.47	63.62	61.41	61.38	63.18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
16	61.78	61.91	63.46	61.16	61.67	63.06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	11.4
17	62.11	62.28	63.85	61.87	61.66	62.98	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
18	61.81	61.93	62.71	60.54	59.77	61.07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
19	59.98	59.77	60.76	59.04	59.92	60.71	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
20	59.82	59.98	60.82	59.59	60.12	61.47	----	----	----	----	----	----	----	----	----	----	----	----	----	----	7.6
21	60.82	61.16	62.04	60.29	60.60	61.77	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2
22	60.75	60.90	62.05	60.35	59.89	60.84	----	----	----	----	----	----	----	----	----	----	----	----	----	----	.5
23	59.87	60.06	61.42	59.21	59.21	60.46	----	----	----	----	----	----	----	----	----	----	----	----	----	----	.3
24	59.23	59.18	60.51	58.31	58.77	59.69	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
25	59.32	60.15	61.21	59.43	59.74	61.02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
26	59.83	60.02	62.06	59.84	59.93	60.95	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
27	60.11	60.36	62.02	59.78	59.56	60.35	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
28	60	60.31	61.64	59.29	59.24	60.85	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Mean	61.73	62.14	63.35	61.30	61.52	62.53	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	45.3

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	SE	SE	E	SE	SSE	45.3	54.9	83.7	36.5	220.4	0	----	----	1	----	Cu.
2	S	S	SSE	SE	ENE	S	60	83.4	73.7	27.7	244.8	0	----	----	0	----	----
3	S	S	S	NW	NW	NW	26	37.8	56.6	46.4	166.8	10	----	S.-Cu.	8	A.-Cu. SE	S.-Cu.
4	N	N	NE	NE	ENE	NE	76.7	120.1	185	173.5	555.3	10	----	S.-Cu. N	10	----	S.-Cu. NE
5	NE	NE	NE	NE	NE	NE	147.8	176.7	187.3	123.3	635.1	10	----	Cu.-N. NE	10	----	S.-Cu. ENE
6	E	E	E	E	NE	E	71.9	108.6	107.3	60.9	348.7	10	----	S.-Cu. NE	10	----	S.-Cu. ENE
7	SW	SW	E	NE	E	SE	49.7	67.9	86.3	18.2	222.1	5	----	Cu.-N. E	10	----	S.-Cu. ENE
8	SE	S	SSE	SE	SE	SE	42.8	79.5	77.2	50.1	249.6	10	A.-Cu. W	S.-Cu.	1	----	Cu.-N.
9	S	SSE	SSE	N	N	N	71	40.8	46.2	21.4	179.4	7	A.-Cu. W	S.-Cu.	0	----	----
10	NE	ENE	ENE	NE	NE	E	9.9	19.9	88.5	69.7	188	8	----	S.-Cu. E	3	----	Cu.-N. E
11	SW	SW	SW	N	NNE	NE	19.8	20.3	80.3	97.7	218.1	0	----	----	1	----	Cu.
12	NE	NE	NE	NE	NE	NE	143.8	192	186.6	185.5	707.9	10	----	N. NE	10	----	S.-Cu. NE
13	NE	NE	NE	E	ENE	E	161.5	163.6	134.4	88.8	548.3	10	----	N. NE	10	----	S.-Cu. E
14	ENE	SE	SE	NE	E	E	43.3	32.4	52.5	24.9	153.1	10	----	S.-Cu. ENE	10	----	S.-Cu. E
15	E	E	ENE	ENE	NE	SE	7.8	44.3	103.6	21.2	176.9	10	----	S.-Cu.	10	----	Cu.-N. ENE
16	SE	SE	SSE	N	NE	SW	10.5	41.5	49.1	18	119.1	7	A.-Cu. SW	S.-Cu.	10	A.-Cu. W	S.-Cu.
17	SW	NE	NE	NE	NE	ENE	17.4	57.3	133.3	126.6	334.6	10	----	S.-Cu. SE	10	----	S.-Cu. ENE
18	SE	SE	SSE	NE	NE	SE	31.6	24.9	85.6	56.1	198.2	8	----	S.-Cu. E	10	----	S.-Cu. E
19	SE	SE	SE	NE	W	SE	40.7	96.4	98.4	93.9	329.4	2	----	S.-Cu. E	7	Ci.-S.	Cu.-N.
20	SE	S	SW	NW	N	SW	73.2	43.3	61.4	52.9	230.8	10	Ci.-S. W	S.-Cu.	10	Ci.-S. SW	Cu.-N.
21	NE	NE	NE	NE	NE	NE	31.9	96.9	146.9	124.2	399.9	10	----	S.-Cu. NE	5	----	Cu.-N. NE
22	NE	SE	NE	NE	NE	NE	78.4	59.8	82.1	46.1	266.4	10	----	Cu.-N. E	10	----	Cu.-N. NE
23	SW	S	SE	NE	NE	N	47.8	92	58.2	24.6	222.6	1	----	S.-Cu.	1	----	Cu.-N.
24	N	SW	SSE	NE	NE	W	24.6	59.8	74.2	34.3	192.9	0	----	----	1	----	Cu.-N.
25	W	SW	SSE	N	N	N	22	44.6	63.9	25.1	155.6	1	----	S.-Cu.	0	----	----
26	SW	SW	SE	NE	NE	N	48.5	63.3	76.9	44.5	233.2	0	----	----	1	----	Cu.-N.
27	SW	SW	S	SSE	NE	SW	63.4	126.3	87.4	39.9	317	0	----	----	0	----	----
28	S	SW	S	S	N	N	44.1	81.5	84.7	55.8	266.1	0	----	----	0	----	----
Mean	----	----	----	----	----	----	54	76.1	94.7	63.8	288.6	6	----	----	5.7	----	----
Total	----	----	----	----	----	----	----	----	----	----	8080.3	----	----	----	----	----	----

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

MARCH, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.72	60.11	61.49	59.58	59.64	60.67	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
2	60.10	60.81	62.69	60.79	60.56	61.22	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
3	60.47	60.63	61.44	58.91	58.34	59.69	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
4	59.61	60.52	61.91	59.91	60.01	61.17	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
5	60.84	61.36	62.34	60.11	59.24	60.52	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
6	60.46	61.49	62.35	59.89	59.04	60.59	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
7	60.16	60.90	62.09	59.86	59.71	60.47	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
8	59.77	59.96	60.87	58.14	57.46	58.76	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
9	58.90	59.19	60.67	58.29	57.74	58.96	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
10	58.95	59.73	60.74	58.26	57.96	59.41	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
11	58.67	59.35	60.69	58.11	57	58.43	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
12	58.33	58.76	60.07	58.09	58.01	59.42	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
13	59.02	59.34	60.92	59.09	58.81	61.11	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
14	61.21	62.32	63.61	61.49	61.86	63.17	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
15	62.40	62.68	63.87	61.60	61.17	62.48	------	------	------	------	------	------	------	------	------	------	------	------	------	------	4.3
16	60.96	61.18	62.31	59.62	58.75	60.11	24	23.2	28	31.2	27.5	24.4	32	22.2	85	90	74	52	77	88	------
17	59.73	60.12	61.26	59.35	59.36	61.11	23.5	22.7	28.3	30	26.8	26.9	31	22.3	87	90	63	62	78	74	------
18	60.31	61.05	62.46	60.59	60.75	62.14	25.5	25	27.2	29.5	25.8	24.6	30.5	24.5	80	80	78	72	85	93	------
19	61	61.36	62.64	60.71	60.18	61.71	24	23.2	26.5	29.2	27.5	24.9	31.5	23	93	94	86	72	66	84	------
20	61.06	61.28	62.45	60.21	59.68	61.26	23.6	23.2	27.5	31.3	27	26	31.6	22	86	88	70	64	80	76	------
21	60.40	60.68	62.31	60.71	60.89	62.01	24.4	22	28	30	26.5	25.5	31	21	80	95	77	69	80	80	------
22	60.92	61.09	62.41	60.68	60.44	61.19	25.4	25	27.5	28.7	24.5	23.9	30.5	23.6	80	87	78	70	92	91	6.1
23	59.96	60.01	61.19	59.10	58.76	59.77	23.5	23.1	27.5	27	26.5	24.2	30.6	22.8	94	97	76	82	84	90	------
24	59.07	59.48	60.95	59.09	58.96	61.12	24	24	29	29.5	27.5	25.5	32	22.6	91	91	71	76	85	92	12.4
25	60.86	61.87	63.98	62.61	62.48	64.56	24.5	23	23.5	24	23	22.8	25.7	22.2	94	97	91	87	91	93	16.3
26	63.91	64.82	65.97	64.82	64.91	66.09	22.4	22	23.5	23.2	22.5	22	25.4	21.1	93	96	90	98	96	89	6.1
27	65.36	65.84	66.59	64.27	63.78	64.78	21.7	21.5	23.6	26	23	22.6	27	20.6	89	87	86	76	93	98	1.3
28	63.28	63.83	64.62	62.29	61.85	63.15	23.5	23.4	25.4	28.3	25.5	24.5	28.6	22.5	96	97	93	86	96	94	3.6
29	62.02	62.31	64.36	61.96	61.46	62.64	24	23.5	24.6	28	25.5	25	29.5	23	95	96	97	86	96	97	3
30	61.56	61.87	62.66	60.16	59.38	61.19	23.9	23	27.4	28.5	27.1	24.6	30.6	22.5	92	95	86	87	93	98	------
31	59.74	60.62	61.61	59.96	60.81	62.02	23.5	22.9	27.8	28.8	26	25	29.8	22.1	92	94	88	92	92	93	------
Mean	60.60	61.11	62.37	60.27	59.97	61.32	23.8	23.2	26.6	28.3	25.8	24.5	29.8	22.4	89.2	92.1	81.5	76.9	86.5	89.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	53.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	SW	NW	N	NE	NE	53.7	50.1	83.7	56.6	244.1	2	A.-Cu. S	S.-Cu.	0	------	------
2	NE	S	NE	NE	NE	E	40.5	44.1	103	67.6	255.2	0	------	------	0	------	------
3	SW	S	SE	NE	NE	W	45.1	93	80.5	52.1	270.7	0	------	------	0	------	------
4	SW	SW	N	NE	NE	NE	47.2	51.8	71.9	97.9	268.8	1	------	Cu.-N.	1	------	Cu.-N.
5	NE	E	E	ENE	E	SE	98.4	60	94.8	28	281.2	5	------	S.-Cu. E	10	A.-Cu. E	S.-Cu.
6	SE	S	S	S	ENE	NW	67.9	133.4	69.5	50.4	321.2	10	A.-Cu. E	S.-Cu.	0	------	------
7	W	W	NW	NE	NE	NE	40	43.5	91.4	82.9	257.8	10	A.-Cu. NE	S.-Cu.	1	------	Cu.-N.
8	NE	SW	SE	SE	NE	SW	30	83.9	91.4	50.4	255.7	0	------	------	0	------	------
9	SE	S	S	NE	NE	NW	35.6	70	74.5	48.5	228.6	0	------	------	0	------	------
10	SW	SW	S	NE	NE	NE	31.1	76.9	81.8	36.7	226.5	0	------	------	0	------	------
11	W	SW	SE	NE	NE	E	39.4	89.9	77.2	32.5	239	0	------	------	0	------	------
12	S	S	SE	N	NE	N	90.9	104.8	62.5	48.3	306.5	0	------	------	0	------	------
13	SW	SW	N	NE	NE	NE	55.7	31.7	94.8	75.8	258	0	------	------	0	------	------
14	S	S	NE	NE	NE	ENE	26.8	45.6	148.4	80.3	301.1	8	Ci.-S. SE	S.-Cu.	9	Ci.-S. SW	Cu.-N.
15	S	S	SE	SE	E	SE	45.4	44.5	56	47.7	193.6	6	------	S.-Cu. E	6	------	Cu.-N. E
16	SE	SE	E	SE	NE	E	66.5	44.5	93.9	51.3	256.2	4	Ci.-Cu.	S.-Cu.	1	------	Cu.-N.
17	SE	S	SE	NE	NE	NE	34.8	42	98.7	109.7	285.2	0	------	------	0	------	------
18	NE	NE	NE	NE	NE	NE	61.8	97.9	153.4	115.3	428.4	1	------	Cu.-N. NE	1	------	Cu.-N. NE
19	SE	S	S	NE	E	SE	46.7	23	70.5	60.2	200.4	10	A.-Cu. SW	S.-Cu.	10	A.-Cu. S	Cu.-N.
20	SE	SE	SE	NE	NE	E	45.1	79.5	123.1	75.5	323.2	0	------	------	1	------	Cu.-N.
21	SW	SW	NE	NE	NE	NE	37.5	50.5	149.1	114.9	352	0	------	------	5	Ci. S	Cu.-N.
22	NE	NE	ENE	E	ENE	E	99.3	82.8	115.8	57.1	355	5	Ci. S	Cu.-N. E	10	------	Cu.-N. E
23	S	S	E	E	E	SE	34.9	38	63.1	42.1	178.1	10	------	S.-Cu. SE	9	------	S.-Cu. E
24	SE	S	SE	NE	NE	NE	59.4	59.4	88.2	109.2	316.2	10	A.-Cu. SE	S.-Cu.	10	A.-Cu. E	Cu.-N. NE
25	NE	NE	NE	NE	NE	NE	169.7	201.4	194.7	171.7	737.5	10	------	N. NE	10	------	S.-Cu. ENE
26	NE	NE	NE	NE	NE	NE	175.9	182.4	196.6	195.7	750.6	10	------	N. NE	10	------	N. NE
27	NE	NE	ENE	NE	NE	ENE	173.8	115.3	123.4	96.8	509.3	10	------	N. NE	9	------	Cu.-N. NE
28	ENE	E	E	NE	NE	ENE	67.9	76.3	125.2	121.8	391.2	10	------	S.-Cu. E	1	------	Cu.-N.
29	NE	NE	ENE	NE	E	E	84	77.7	108.2	20.3	290.2	10	------	N. NE	8	A.-Cu. S	Cu.-N.
30	S	S	N	E	EbyN	SW	16.9	22	79.1	41.6	159.6	1	------	S.-Cu.	1	------	Cu.-N.
31	S	SSW	N	N	NE	NE	20.1	34.9	97.9	59.5	212.4	0	------	------	0	------	------
Mean	------	------	------	------	------	------	62.6	72.6	102	74.1	311.4	4.3	------	------	3.6	------	------
Total	------	------	------	------	------	------			------	------	9,653.5	----	------	------	---	------	------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, −1.57 mm.]

APRIL, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.74	60.71	61.91	59.75	59.48	61.56	24	23	26.5	30.4	27.5	25.8	31.5	22.6	95	91	82	76	87	97	
2	60.36	60.52	61.64	59.59	59.74	61.31	24.8	24	28	31	29	26.6	31.7	23.1	93	91	77	79	79	92	
3	60.52	60.80	62.16	60.09	60.49	61.96	25.7	23.8	28.5	29	27	25.5	30	23	93	93	81	88	94	94	
4	61.05	61.32	62.87	60.71	60.44	61.26	24.1	22.5	27.2	29	27.5	25.4	29.5	22.2	91	96	79	71	79	95	
5	60.21	60.60	61.40	58.66	58.38	59.39	25	24.5	27.5	30.8	28.4	26	31.5	23.4	92	96	84	76	85	94	
6	58.78	58.90	60.01	58.40	57.99	59.25	25	22.8	27	28	27.2	26.3	29	22.1	92	97	86	79	78	85	12.2
7	58.71	59.46	61.93	60.53	60.18	61.33	25.2	21.8	21	21.5	21.4	22	26.2	20.4	90	96	98	91	91	82	9.4
8	60.43	60.58	61.48	59.60	59.02	60.11	22	21.5	23.5	25.5	25	23.8	26.5	20.1	87	91	85	77	88	95	
9	59	59.15	59.89	58.19	58.52	59.95	23	22.6	27.4	29	27	26.5	29.5	21.4	91	95	80	78	78	80	
10	59.79	60.36	61.56	59.66	60.04	61.31	24.6	23	26.5	28.9	27	26	29.8	22.6	88	91	88	71	84	84	
11	60.11	60.80	61.47	59.46	59.69	61.81	24.6	23	27	29.9	26.5	24.6	30.5	22.6	90	96	84	79	91	95	6.6
12	60.72	60.85	61.66	59.94	60.06	60.87	22.8	22	26	30.5	28.3	24.8	31.4	21	93	95	84	78	84	98	
13	60.20	60.31	60.93	59.15	59.39	60.97	24.5	24	28.5	32	27.5	25.5	32.9	21.7	96	96	77	70	88	93	
14	59.89	60.15	60.69	58.80	59.25	60.09	25.1	24.3	28.9	32	28.5	27.4	33	23.5	92	96	78	75	80	81	
15	59.64	60.16	60.99	58.66	58.91	60.51	26	23.4	28.5	30.4	27.6	26.8	31	23	89	91	74	76	83	86	2.5
16	59.41	59.52	60.94	59.11	58.71	60.36	26	25.1	28.8	30.4	26.8	26.1	30.8	24	90	92	79	72	86	87	2.3
17	59.33	59.57	60.47	58.46	57.93	59.96	26	25.5	28	31.4	28.8	26.2	32	24.5	84	88	85	73	83	95	
18	59.13	59.19	60.69	58.59	58.76	59.99	25	24.5	29.3	32	29	26	33	23.6	96	96	73	69	88	95	
19	59.34	59.53	59.84	58.15	58.05	59.49	25.5	24.7	29.3	31	28.6	27	32.1	23.9	94	96	72	65	82	88	
20	58.14	58.38	59.06	57.31	57.90	59.18	25	23.7	28.4	31	28.4	25.8	32	23	92	96	75	69	82	93	
21	58.36	58.69	59.40	57.60	58.60	59.74	24.7	23.5	28	31.8	28.2	26.8	33.1	22.8	94	96	80	69	82	80	
22	58.86	59.06	59.99	57.55	57.98	59.79	25.5	24.7	28.4	31	28.4	26.7	32	23.1	88	94	77	68	75	90	
23	58.52	58.85	60.01	58.26	58.34	59.34	24.4	23.6	28.3	31.2	27.7	26.8	32	22.6	93	95	75	64	78	86	
24	58.66	58.95	59.59	57.66	57.16	59.21	25	23.7	28.4	30.2	29.2	26.5	32.4	22.8	92	92	80	74	82	91	
25	58.43	58.73	59.31	57.52	58.89	59.78	25.8	24.5	28.8	33.5	28.5	27.5	34	24	93	92	73	60	81	84	
26	59.08	59.17	59.46	57.77	58.33	59.99	25	24.7	28.3	32.3	28.5	27	34	24	93	96	82	59	84	90	
27	58.76	58.87	59.79	57.87	57.71	59.24	25.7	24	28.5	30.3	28.5	26.5	31.5	23.6	94	96	81	70	81	88	
28	58.53	58.57	59.06	57.56	57.64	58.86	25.4	24.5	29.5	31.5	29	27	32.5	23	95	92	75	59	75	83	
29	58.41	58.58	59.49	57.29	58.01	59.58	25.2	23.5	28.7	33	29	27.5	33.9	23	95	96	76	47	71	81	3.8
30	58.20	59.26	60.47	59.51	59.36	60.79	26	25	27.2	26.8	25	25	29.3	23.8	90	95	83	82	92	88	
Mean	59.38	59.65	60.61	58.71	58.83	60.23	24.9	23.7	27.7	30.2	27.6	26	31.3	22.8	91.8	94.1	80.1	72.1	83	89	
Total																					36.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	S	NE	NE	SW	46.2	97.7	98.7	38.8	281.4	0			1		Cu.-N.
2	SW	SSW	SE	NE	SE	S	58.2	99.3	85.5	50.5	293.5	0			0		
3	S	S	S	NW	N	N	43.3	54.5	105.6	44.3	247.7	0			0		
4	N	W	N	N	N	NW	24.3	35.6	63.6	27.2	150.7	0			0		
5	NW	SW	NE	NE	NE	NW	38.8	41.3	89.3	31.6	201	2		Cu.-N. E	0		
6	NW	NW	N	NW	NW	NW	19.1	58.7	172.4	136	386.2	0			0		
7	NE	NE	NE	NE	NE	NE	126.9	148.1	101.1	98.5	474.6	10		N. NE	10		N. NE
8	E	E	S	NE	ENE	E	69.4	41.8	42.9	28.7	182.8	10		N. E	10		S.-Cu. E
9	SW	S	SE	N	N	NW	28.7	102.4	104.6	98.7	334.4	0			0		
10	NW	W	NW	N	N	N	30.9	44.1	66.6	64.9	206.5	0			0		
11	N	NW	NE	NE	NE	S	30.6	25.5	95.6	91.9	243.6	10		Cu.-N. E	0		
12	S	S	SE	NE	NE	SW	47.3	110.5	87.4	36.7	281.9	0			1		Cu.-N.
13	SW	SE	SE	NE	NW	SW	52.6	114.6	103.6	60.6	331.4	0			0		
14	SW	S	SSE	NE	N	N	54.2	128.1	78.3	30.1	290.7	1		S.-Cu.	0		
15	SW	W	NW	N	N	N	46.4	38.6	79.2	53.3	217.5	0			7	Ci. W	Cu.-N.
16	N	E	NE	NE	NE	NE	35.6	70.2	124.2	100.1	330.1	10		N. NE	1		Cu.-N.
17	NE	E	NE	NE	NE	SE	81.9	54.2	104.9	30	271	1	A.-Cu. SE	S.-Cu.	1		Cu.-N.
18	S	S	SE	NE	NE	SW	39.4	59	88.8	34.6	221.8	0			2		Cu.-N.
19	SW	SW	S	NE	N	N	43.7	43.5	91.7	40.5	219.4	0			3	Ci.	Cu.-N.
20	W	SW	SE	N	N	SW	49.4	48.3	78.4	56.9	233	0			1		Cu.-N.
21	SW	SW	S	NE	N	N	56.9	42	81	54.5	234.4	0			1		Cu.-N.
22	W	SW	NW	NE	N	NW	38.8	37.6	80.3	50.1	206.8	1	A.-Cu.	S.-Cu.	1		Cu.-N.
23	NW	NW	SW	NE	NE	N	50.1	42.9	73.4	41.2	207.6	3	A.-Cu. W	S.-Cu.	4	A.-Cu. W	S.-Cu.
24	W	SW	S	NE	NE	SW	67.3	38.1	93.8	52.6	251.8	0			0		
25	S	SE	S	NE	NNW	W	73.8	126.5	94.1	38.3	332.7	0			10	Ci.-S.	Cu.-N.
26	SW	S	S	NE	NW	NW	60.2	130.9	95	63.6	349.7	0			1		Cu.-N.
27	SW	SW	NW	N	N	N	51.3	37.2	84.5	25.2	198.2	0			0		
28	W	SW	NE	NE	N	N	29.8	35.3	82.9	38.9	186.9	0			0		
29	W	SW	NW	N	N	N	63	42	68.4	43.7	217.1	0			3	Ci.	
30	W	N	NE	NE	NE	ENE	42.1	141.4	146.7	149.4	479.6	10		N. E	10		Cu.-N. E
Mean							50	69.7	92.1	57	268.8	1.9			2.2		
Total											8,064						

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

MAY, 1909.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.47	59.51	60.96	59.36	59.06	60.41	25	25.4	28.1	29.5	26.2	25.5	31.3	24	88	82	71	71	82	93	28.2
2	59.08	58.63	60.31	58.09	58.65	59.54	25	24	26.4	29.6	27.5	24.5	31.5	23.1	95	97	89	81	88	94	1
3	59.05	59.53	60.28	58.84	58.79	59.31	24.5	24.5	29	31.2	29	26.8	33.5	23.1	92	92	75	68	76	94	------
4	58.31	58.73	59.99	58.09	57.76	59.69	25.5	25	29.5	31.5	30	25.6	34	23.3	89	92	70	72	82	97	------
5	58.41	58.55	59.29	57.17	56.87	58.05	24	23.5	28.1	32.4	29	28.1	33	22.6	91	91	79	66	89	91	------
6	57.46	57.58	58.71	56.78	56.69	58.25	26.5	25.6	30	32.8	29.4	27.5	33.4	25.1	93	95	75	70	81	84	------
7	57.93	57.71	58.11	56.67	57.41	58.43	26	25.5	29.5	31.8	27	25.5	34.1	24.5	92	92	77	70	87	96	4.8
8	57.26	57.32	58.34	56.32	56.47	58.19	25	25.2	29	32	29.5	27	34.3	24.1	95	93	78	72	84	94	------
9	57.03	57.23	58.01	56.64	57.63	59.23	26.2	25.5	30.5	32.4	25.1	24.5	34	23.6	94	96	72	73	92	92	3.8
10	58.23	58.88	59.53	57.87	58.16	60.21	25	24.8	29	32	30	26.5	33	23.5	83	93	78	69	80	92	7.4
11	59.12	59.37	60.39	58.99	59.31	60.32	26	25.8	28.9	31.8	27.5	24.8	33	24.5	96	95	80	70	91	95	3.3
12	59.41	59.77	60.34	59.67	59.68	60.27	25	25	28.2	24.8	25	24.5	32	23.6	92	92	80	89	92	96	------
13	58.95	58.98	59.11	57.20	57.64	59.27	24	24	29	31.4	28.6	26	33.1	23.1	96	96	74	73	79	92	27.7
14	58.17	58.28	58.53	56.68	58.03	59.24	24.6	23.9	26.8	31.4	25	24.5	33	22.7	92	91	81	66	95	96	7.6
15	57.56	57.28	58.35	56.79	57.44	58.96	24	23.8	27.8	29.3	28.3	25.8	34	23.5	93	95	82	83	84	93	1.5
16	58.63	58.76	59.94	58.35	58.15	60.41	25.5	25	28.5	30.6	26.7	26.4	31.5	24.5	93	95	73	76	93	87	27.9
17	59.41	59.23	59.86	57.96	58.35	60	26	26	28.8	30.8	28	27.3	33	25.5	92	94	82	77	85	87	------
18	59.23	59.03	59.76	57.98	58.54	60.16	26.5	25.5	29.8	32.6	28.2	25.2	34.5	25.1	92	94	75	71	79	93	------
19	59.01	59.26	60.03	58.05	57.71	59.23	25.2	25.3	30	32.7	29	26.3	35.5	24.5	94	93	77	78	81	90	------
20	58.52	58.75	59.24	57.82	57.11	58.83	26	25.4	30.3	31.5	29.7	28	34.5	25.1	92	95	80	72	79	88	------
21	58.17	58.19	58.43	56.94	57.47	59.37	26.5	25.3	29.5	32.4	29.5	28.5	33.6	25	88	96	71	64	77	84	------
22	58.36	58.58	59.24	58.21	58.96	61.40	27.1	26	29.8	33	29.5	26	33.9	25.1	91	92	70	67	77	92	------
23	60.26	60.34	60.30	58.72	59.04	60.92	25.5	24.9	29	33	29.2	26.2	34.1	24.2	93	92	78	70	89	89	.5
24	59.39	59.46	59.86	57.62	57.41	59.46	25.9	25.6	29.5	32.5	29.4	27.3	33.8	24.2	86	87	73	63	76	90	------
25	58.14	58.08	58.03	55.96	56.52	58.55	26.5	25.8	29.8	31.9	30	26.3	33.4	25.1	91	92	75	62	77	91	1.8
26	57.59	57.13	57.41	56.42	56.71	58.15	24.8	24.3	28.4	31.5	29.3	26.2	33.4	23	90	85	76	65	77	95	21.1
27	57.33	58.17	57.96	55.61	57.12	58.85	25.6	24.8	27.7	29	25.7	25.3	31.9	24	93	95	82	78	94	94	24.9
28	57.84	58.01	58.38	57.21	57.58	59	24.8	24.4	27	28.5	26	25.8	30.1	24	93	97	84	81	92	93	6.6
29	58.39	58.88	59.61	58.60	58.25	59.50	24.5	23.7	26.7	27.1	27.4	25.8	31	23.2	96	96	85	83	87	92	3
30	59.04	59.36	58.41	56.66	56.74	58.46	25.1	24.4	27.6	30.3	27.5	26.3	31.8	23.6	94	93	79	66	79	82	------
31	57.11	57.46	58.19	56.54	56.39	58.74	25	23.8	29.5	31.2	30.8	26.9	34.5	23.5	90	93	70	68	76	94	------
Mean	58.45	58.58	59.19	57.54	57.79	59.37	25.4	24.9	28.8	31	28.2	26.2	33.2	24	91.9	92.9	77.1	72.1	83.9	91.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	171.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	NE	E	125.7	134.9	152.3	105.6	518.5	10	------------	Cu.-N. NE	10	A.-Cu. SE	S.-Cu.
2	NE	SE	S	NE	N	S	99.8	76.7	68.4	75	319.9	10	------------	N. SE	10	A.-Cu. SW	Cu.-N.
3	S	S	SE	N	N	N	69.7	98.7	67.3	21.1	256.8	0	------------	------------	1	------------	Cu.-N.
4	SW	SW	SE	NE	N	S	51.5	66.5	83.1	78.7	279.8	0	------------	------------	1	------------	Cu.-N.
5	SE	SE	S	NE	NE	NW	103.5	136.5	85.3	73.2	398.5	0	------------	------------	1	Gi.-S.	Cu.-N.
6	SW	S	SE	NE	NW	W	49.6	82.3	89.5	69.8	291.2	0	------------	------------	1	------------	Cu.-N.
7	SW	SE	SE	NE	W	W	53.7	114.6	85	49.6	302.9	0	------------	------------	1	------------	Cu.-N.
8	SW	S	S	NE	N	W	47.2	71.8	74	63	256	0	------------	------------	1	------------	Cu.-N.
9	W	SW	S	NE	W	SW	43.8	48.6	87.5	54.2	234.1	0	------------	------------	3	Ci.-S.	Cu.-N.
10	S	S	S	N	NE	N	65.8	69	77	44.8	256.6	7	Ci. NW	------------	6	Ci.-S. S	Cu.-N.
11	SW	SW	S	NE	NE	SW	60.6	50.5	87.9	50.7	249.7	10	A.-Cu. SE	Cu.-N.	2	------------	Cu.-N.
12	SE	S	S	S	SW	SW	49.1	76.4	72.9	41.6	240	10	------------	S.-Cu. SE	10	------------	Cu.-N. SE
13	SW	S	SE	NE	NE	S	43.1	52	77.2	84.5	256.8	7	Ci. W	S.-Cu.	2	Ci.	S.-Cu.
14	S	S	S	NE	S	SE	92.5	94.6	96.1	28.5	311.7	10	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N.
15	S	S	SE	N	N	SW	69.8	121	38.4	36.2	265.4	1	Ci.-S.	S.-Cu.	8	------------	Cu.-N. NE
16	SW	SW	N	N	NE	NE	27.4	42.4	88.3	153.5	311.6	10	------------	S.-Cu. SW	6	Ci. N	Cu.-N. NE
17	NE	NE	ENE	NE	NE	E	118.5	76.1	121.3	85.1	401	10	------------	S.-Cu. ENE	1	Ci.-S.	Cu.-N.
18	S	SSE	NE	NE	NW	W	51.3	66	71.4	47.5	236.2	8	Ci. E	S.-Cu.	7	Ci. E	Cu.-N. SE
19	SW	SW	S	N	N	SW	36.7	57.4	67.3	46.5	207.9	0	------------	------------	1	------------	Cu.
20	W	W	NE	NE	NE	NE	43.5	34.1	77.4	35.4	190.4	2	Ci. W	Cu.	1	------------	Cu.-N.
21	SW	SSE	SE	NE	NW	N	69.5	132	84.3	38	323.8	1	Ci. N	S.-Cu.	1	------------	Cu.-N.
22	S	S	SE	NNE	N	NW	44.5	82.3	78.9	55	260.7	0	------------	------------	1	------------	Cu.-N.
23	SW	S	SE	NE	NW	SW	53.7	108.1	88.8	85.9	336.5	3	Ci. NE	S.-Cu.	1	------------	Cu.
24	W	S	S	NE	NE	W	67.1	82.6	75.8	61.4	286.9	10	A.-Cu. S	S.-Cu.	8	Ci. NE	Cu.
25	SW	S	S	S	N	W	56.5	101.1	65	75	297.6	10	Ci.-S. W	S.-Cu.	8	Ci.-S. W	S.-Cu.
26	SE	S	S	NE	ENE	S	115.4	102.2	74.3	40.8	332.7	10	Ci.-S.	S.-Cu.	10	Ci.-S. W	S.-Cu.
27	SW	SW	S	N	N	NE	35.2	61.4	83.4	37.6	217.6	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
28	NE	SE	SE	N	NE	NE	53.6	34.9	95.6	112.1	296.2	10	------------	S.-Cu. E	10	Ci.-S.	Cu.-N. N
29	S	SE	SE	E	SW	SW	61.8	44	34	32	171.8	10	------------	S.-Cu. E	10	------------	N.
30	SW	SW	S	E	E	SE	36.5	79.2	96.8	27.6	240.1	8	Ci. E	S.-Cu.	10	Ci.-S.	Cu.-N.
31	S	S	SSE	NE	NE	SSE	50.7	79.1	88.7	37.5	256	0	------------	------------	5	A.-Cu. E	Cu.-N.
Mean	------	------	------	------	------	------	62.8	79.9	81.7	59.6	284	5.4	------------	------------	4.8	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	8,804.9	----	------------	------------	----	------------	------------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

JUNE, 1909.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.87	57.93	58.59	57.38	57.07	59.21	26.2	25.6	29.7	32.4	31	26	33.4	24.4	90	90	68	74	76	92	----
2	58.26	58.46	59.19	57.87	57.19	58.63	25.5	25.3	29.2	32.5	30.5	27.2	33.5	24.4	92	93	75	63	75	90	----
3	57.96	58.33	58.90	56.61	56.50	58.36	26.1	25.7	30.2	33.5	30.8	28.8	35	25	91	88	67	67	73	78	----
4	58.10	58.73	58.98	57.30	56.93	58.56	26.5	25.5	30.3	33.5	30.2	27.5	34	24	----	----	----	----	----	----	----
5	58.31	58.62	59.04	57.87	57.24	58.86	26.5	26	29.8	32.6	31.5	28.6	34	25.6	93	95	85	63	68	80	----
6	58.25	58.28	58.51	56.95	56.55	58.56	26.6	25.9	30.3	33.6	30.8	27.5	35	25.5	87	86	66	62	72	87	----
7	58.15	58.26	58.94	57.95	57.98	59.57	27	26.8	30.5	33.4	30.8	27.5	35.6	25.9	----	----	----	----	----	----	----
8	58.74	58.66	59.08	57.81	58.02	59.58	27	26.5	30.5	32.5	30.3	28.6	34.5	25.7	90	94	68	72	86	88	----
9	58.19	58.28	58.66	57.82	57.73	58.36	27.6	25.5	29.6	31.4	30.3	28.8	33	24.6	----	----	----	----	----	----	----
10	57.96	58.28	58.56	57.31	57.46	59.05	26.5	25.5	30.8	32	31.1	28.8	34	24.6	94	96	68	68	71	86	----
11	58.24	58.51	58.66	57.20	56.94	58.86	27.2	26.4	30.5	33.2	31.5	27.4	34.3	25.5	90	93	65	72?	75	95	----
12	58.27	58.51	58.86	57.71	57.35	58.79	25.9	25	29.3	33.6	31.8	28	34.5	24.5	----	----	----	----	----	----	----
13	58.49	59.08	59.59	58	58.21	60.42	26.5	26	30.8	34.8	31.2	29.3	35.6	24.1	----	----	----	----	----	----	1.3
14	59.99	59.59	58.99	57.47	58.83	59.71	24.5	24.3	30.3	32.8	29.8	26	34.4	23.4	94	92	68	67	79	92	----
15	59.18	59.28	59.61	58.55	58.84	60.05	25.5	24.5	29	33.5	30.3	27.8	34.8	24.1	92	92	72	48	76	82	24.6
16	59.32	58.96	59.99	58.33	58.27	60.01	24.2	24.8	27.6	31.6	30.2	27.1	33.4	23	90	92	83	68	68	86	----
17	58.77	59.06	59.56	58.08	57.86	59.16	25.6	24.8	29.4	32	28.8	26.3	33	24.3	93	93	75	70	75	88	----
18	58.09	58.21	57.94	56.88	56.93	57.41	25.5	24.4	29.5	32.5	30.2	25.8	33.5	24.2	91	95	73	55	70	92	----
19	56.89	56.91	57.10	55.39	54.88	56.76	25.2	24.6	28.5	33.5	31.5	28.3	34.8	24.2	94	93	74	61	63	85	----
20	55.86	56.03	55.66	54.25	54.96	56.57	26.6	25.8	29.7	33.8	24.3	24.5	34.6	24	87	92	76	61	96	94	8.4
21	54.83	54.89	55.41	54.91	55.43	55.66	25	25.8	27.8	30.1	23.8	24.8	31.7	23	92	88	81	73	93	93	35.6
22	54.88	55.53	55.91	54.74	55.18	57.01	24.8	24.6	26.9	30.2	28.8	26.6	32.1	23.5	93	93	80	67	76	86	----
23	56.53	57.46	57.21	56.63	57.71	59.37	25.9	25.6	28.4	33	28.3	26.7	34	24.6	85	82	66	63	81	75	----
24	58.89	59.18	59.39	58.09	58.12	59.50	24.8	24.3	29.2	32.5	30.8	28.2	33.5	23.1	85	87	66	63	72	76	----
25	58.66	59.18	59.19	57.22	57.12	58.61	27	25.5	30.8	33.1	30.8	28.8	34.5	25.1	84	96	69	63	74	79	3.3
26	57.94	58.23	57.94	55.82	56.88	58.22	26	25.4	30.2	33.4	30.3	25.3	34.2	24.6	92	95	73	59	73	93	16.3
27	57.27	57.14	57.09	55.92	57.18	58.49	25	24.8	29.3	31.8	24	24.4	33.4	23	93	95	76	70	91	95	24.4
28	57.71	57.33	57.46	56.42	57.99	60.10	24.3	24.3	28.3	31.5	26.8	24.5	33.4	23.5	93	92	74	63	84	92	3.6
29	59.36	58.98	59.56	58.47	58.12	59.60	24.4	24	26.9	32	30.3	27	34	23.5	92	91	80	65	72	92	----
30	59.13	59.26	60	58.52	58.37	59.24	25.8	25.3	29.4	31.8	30.5	27.2	34	24.9	93	93	76	67	74	90	----
Mean	58	58.17	58.45	57.12	57.26	58.74	25.8	25.3	29.4	32.6	29.7	27.1	34	24.3	90.8	91.8	73	65	76.5	87.4	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	117.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	S	S	NE	NE	S	46.1	75.1	90.9	31.1	243.2	0	----	----	1	----	Cu.-N.
2	S	S	S	NE	NE	S	45.7	89.5	99	34.1	268.3	0	----	----	1	Ci.	Cu.
3	S	S	S	NE	E	SW	39.7	102.4	90.1	44.3	276.5	0	----	----	1	----	Cu.-N.
4	S	S	S	NE	SE	SE	53.6	122.9	85.6	45.7	307.8	0	----	----	1	Ci.	Cu.
5	S	S	SSE	NE	NE	S	44.8	102.8	86.9	25.5	260	9	A.-Cu. SW	S.-Cu.	1	----	Cu.-N.
6	S	S	SE	NE	E	SSE	52.3	64.7	90.4	44.8	252.2	0	----	----	1	----	Cu.-N.
7	SW	S	SSE	NE	N	SE	69.4	103.5	66.6	4.2	243.7	2	Ci. N	----	8	Ci. N	Cu.-N.
8	NW	W	S	N	N	N	23.3	43.3	77	33.5	177.1	1	----	Cu.-N. S	0	----	----
9	W	W	S	NNW	N	N	30.8	79.7	----	----	----	7	Ci.	----	5	Ci. E	Cu.-N.
10	SW	SSW	SSE	N	NW	NE	----	----	----	----	----	0	----	----	0	----	----
11	W	SW	SSE	NE	NE	W	----	----	----	----	----	1	Ci.-S.	Cu. S	1	----	Cu.-N.
12	SSW	S	S	NE	ENE	SSE	----	----	----	----	----	0	----	----	3	Ci.	Cu.
13	S	S	S	E	N	NE	----	----	----	----	----	0	----	----	1	----	Cu.-N.
14	SW	SW	S	NE	N	SSW	----	----	----	----	----	0	----	----	1	----	Cu.-N.
15	S	S	S	NNW	NNW	NW	----	----	----	----	----	0	----	----	3	Ci.-S.	Cu.-N.
16	S	SW	S	NE	NW	NW	----	----	----	----	----	8	A.-Cu. E	S.-Cu.	7	----	Cu.-N. N
17	SW	SSW	S	NE	NW	SW	----	----	----	----	----	7	Ci. E	Cu.	8	Ci. E	Cu.-N.
18	S	SW	SSW	NE	NE	SW	----	----	----	----	----	1	----	S.-Cu.	1	----	Cu.-N.
19	S	SE	SSE	NE	N	NE	----	----	73.4	36.4	----	7	Ci. NE	S.-Cu.	8	Ci. E	Cu.-N.
20	S	S	SSE	NE	E	SE	71.1	100.1	98	36.8	306	1	Ci.-S.	----	4	Ci. E	Cu.-N.
21	SE	S	SE	NE	S	S	49.1	92.7	86.9	79.9	308.6	10	Ci.-S. W	S.-Cu.	10	Ci.-S.	S.-Cu.
22	SE	S	SE	S	NW	SW	106.5	135.5	134.2	43.7	419.9	10	A.-Cu. SW	S.-Cu.	6	A.-Cu. SW	Cu.-N.
23	SE	S	SSE	NE	NW	SW	72.9	97.6	95.6	79.5	345.6	3	A.-Cu. SE	S.-Cu.	1	----	Cu.-N.
24	SW	SW	SE	NE	NE	ENE	46.5	67.6	91.2	65.8	271.1	4	A.-Cu. SE	S.-Cu.	1	A.-Cu.	Cu.-N.
25	S	SW	ENE	NE	ENE	NE	30.8	46.1	82.4	35.7	195	3	Ci. N	Cu.-N.	1	----	Cu.-N.
26	NE	SW	SW	NE	NW	NW	46.5	33.8	80.2	54.1	214.6	5	Ci. N	Cu.-N.	1	----	Cu.-N.
27	S	S	S	NNE	NW	S	51.2	39.9	87.5	71.6	250.2	1	Ci.-S.	----	7	----	Cu.-N. N
28	S	S	S	NW	NW	SSE	90.1	89.1	63.9	63.8	306.9	5	Ci. NE	Cu. S	1	----	Cu.-N. S
29	SE	S	S	NW	NE	SW	90.3	91.1	54.2	40	275.6	7	Ci. E	S.-Cu.	1	----	Cu.-N.
30	SW	S	N	E	NE	SE	35.7	35.6	48.8	28	148.1	0	----	----	1	----	Cu.-N.
Mean	----	----	----	----	----	----	54.8	80.6	84.1	44.9	266.9	3.1	----	----	2.9	----	----

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

JULY, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.42	57.79	57.89	55.91	55.97	57.56	26	24.8	29.3	33	31.5	26	34.1	24.4	84	88	73	70	73	90	------
2	56.33	55.84	56.39	55.26	55.99	57.89	25.2	24.8	29.3	33	29.8	26.8	33.5	24.5	90	93	72	61	71	83	------
3	56.64	56.83	57.19	55.99	56.70	58.09	26	25.2	28.9	32	30.3	27	34	24.6	88	90	74	66	72	90	------
4	57.32	57.46	58.04	57.36	56.74	58.90	26	25.3	29.3	29.5	29	25.3	32	25	92	93	70	75	76	85	------
5	58.23	58.38	58.24	56.71	56.98	58.70	25.4	25.3	29.6	32.2	29.5	26.7	35	24.6	84	88	67	58	70	82	------
6	58.38	58.14	58.76	57.19	56.79	58.16	25.8	25.5	30	30.6	29.3	25.2	33	23.8	89	91	71	85?	84	90	------
7	57.39	57.57	57.79	56.72	56.65	58.18	24.9	24.5	28	30.5	26.8	25.2	33	24	92	94	73	82	89	82	4.1
8	57.93	57.77	58.01	56.14	56.80	58.32	25.5	25.3	26.6	31.5	28.8	25.4	32.6	23.2	88	89	78	57	68	79	------
9	57.26	57.31	57	54.94	56.79	58.24	25.2	25.2	28.6	32	27.4	24.5	33	24	82	83	69	66	85	94	9.9
10	57.23	56.77	56.71	55.79	56.01	57.13	24	23.6	28.6	31.6	28.1	25.3	32.7	23.2	93	93	72	62	80	93	------
11	56.36	56.72	56.86	55.68	55.99	57.41	24.5	24.3	29	31.3	29.1	26.8	33.5	23.7	96	96	75	66	74	86	5.6
12	56.41	56.47	57	55.44	55.40	56.34	25	24.4	28.1	31.6	28	28.3	33	23.9	92	93	82	72	83	85	37.6
13	54.80	52.70	49.98	51.98	53.69	56.17	26.5	25.8	28?	26.8?	27.8	28?	30.5?	23	96	97	85	81	76	73	6.1
14	56.09	56.66	57.42	56.41	56.60	58.83	26	25.3	27.5	28.8	28.5	25.3	31.9	24.5	84	88	76	79	84	88	.5
15	57.69	58.43	58.94	58.24	58.25	60.42	24.7	24	28.7	31.2	29.8	25.5	32.6	23.6	90	93	75	77	83	89	------
16	59.82	60.22	59.99	59.94	58.87	60.16	24.5	24.3	28.5	29.1	29	28	31.9	23.1	92	92	87	92?	89	83	31.5
17	58.87	58.81	59.08	58.06	57.19	58.89	25	24.4	29.5	30.6	29.3	25.8	32.5	24.1	96	97	73	78	89	93	3.8
18	58.01	57.56	58.41	57.52	57.37	59.36	25	24.1	24.5	26.5	25.6	24.8	28.2	23.6	98	97	94	88	93	95	6.6
19	58.41	58.77	59.36	57.82	57.88	59.48	24.5	24.2	28.1	30.7	29.4	27.4	32	23.5	94	95	82	74	74	86	------
20	58.62	59.06	59.36	58.13	58.04	59.18	26	25.3	29.5	30	29.8	27.3	32.5	25.1	92	96	81	82	75	88	------
21	58.89	58.67	58.95	57.96	58.20	59.52	25.8	25	27.3	31	26.6	24.3	33	23.8	92	98	86	72	83	93	6.4
22	57.73	57.58	57.86	56.85	56.69	58.23	24.5	24.4	25.8	28.3	26.3	26	30	23.4	92	91	91	82	96	90	------
23	57.48	58.03	59.02	57.39	57.35	58.26	24.8	24.5	27	28.5	28.8	26.2	31.5	24.3	93	96	86	81	78	86	------
24	57.09	57.34	58.21	56.59	56.49	57.44	25.2	24.3	27.3	29.8	26.8	24.8	31	24	91	92	81	73	89	93	48.3
25	55.94	56.56	56.33	55.02	55.40	56.45	24.5	24.2	27.7	25.3	23.8	23.5	28.5	22.6	92	91	85	93	95	96	82.3
26	54.62	54	54.18	52.47	51.30	51.85	23.5	23.8	23.4	23.6	24.8	24.4	28.4	22.5	96	96	97	95	92	95	58.7
27	51.15	51.40	52.28	52.20	51.78	52.82	24.4	24.4	26.8	26	25.8	24.3	27.4	23.6	92	93	86	96	88	93	48.8
28	51.10	50.80	50.92	49.63	49.47	50.07	24	23.7	26.7	27	25.3	25.8	28.2	23.1	96	96	93	92	96	97	14
29	47.90	44.75	40.97	44.03	48.47	51.05	26	26.3	26	25	24.6	24.5	29.2	23.4	96	96	88	92	95	96	68.1
30	51.56	52.51	53.85	53.17	54.64	56.05	24	24	28.5	31	28.3	25.8	32	23.5	------	------	------	------	------	------	------
31	55.76	56.15	56.86	55.74	56.41	57.11	24.5	23.8	28.3	31	29.4	26.2	32	23.6	96	93	71	72	79	90	------
Mean	56.43	56.36	56.51	55.56	55.84	57.30	25.1	24.6	27.9	29.6	28	25.8	31.7	23.8	91.6	92.9	79.8	77.3	82.6	88.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	432.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	S	SE	NE	NW	W	54.4	81.8	79.4	53.4	269	0	------	------	1	------	Cu.-N.
2	S	S	SE	NW	NW	SW	68.9	87.7	65.7	59.8	282.1	4	Ci.	------	1	------	Cu.-N.
3	SW	S	SE	NE	NE	W	61.2	94.4	64.7	53.6	273.9	1	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. SE
4	SW	S	S	SE	E	SE	64.1	68.4	57.6	44	234.1	10	Ci.-S. NE	S.-Cu.	10	Ci.-S. NE	Cu.-N.
5	SE	SE	SSE	SE	E	SE	59.8	80.8	83.7	22.8	247.1	0	------	------	4	Ci.	Cu.-N.
6	S	S	SE	SSE	E	SE	38	104	73	36.4	251.4	1	------	S.-Cu.	10	------	S.-Cu. SE
7	SE	SE	SSE	E	SE	SE	65.2	138.7	84.2	43.8	331.9	5	Ci. NE	S.-Cu.	10	------	Cu.-N. SE
8	SE	S	SE	SSE	SE	SSE	59.5	137.4	98.5	52.5	347.9	10	A.-Cu. SE	S.-Cu.	10	------	Cu.-N. S
9	S	SE	SSE	NE	W	SSE	70.8	101.9	106.4	86.9	366	7	A.-Cu. E	S.-Cu.	1	------	Cu.-N.
10	SW	S	SE	NE	NW	W	52.8	74.6	76.4	62.8	266.6	2	Ci.-S. S	S.-Cu.	2	------	Cu.-N.
11	SW	S	S	ENE	NE	W	52.3	40.2	75.3	44.1	211.9	3	Ci. E	Cu.	5	Ci. E	Cu.-N.
12	W	SW	NNW	N	E	N	49.6	38.1	62.2	66.3	216.2	1	Ci.	Cu.-N.	5	------	Cu.-N.
13	W	N	NNE	SE	SE	SE	177.8	169.1	159.1	47.7	553.7	10	------	N. N	9	Ci.-S.	S.-Cu.
14	S	S	SE	SE	SE	SE	92.8	86.3	39.4	24.4	242.9	10	A.-S.	S.-Cu.	10	A.-S. -	N.
15	SE	SE	S	NNE	NE	W	40.8	64.1	61.7	45.3	211.9	7	Ci.	S.-Cu.	9	Ci.	Cu.-N. SE
16	W	S	S	NE	N	N	35.1	42.6	69.2	47.3	194.2	0	------	------	7	------	Cu.-N. SE
17	N	S	E	NE	ENE	SE	45.4	61	122.3	39.6	268.3	3	Ci. NE	S.-Cu.	1	------	Cu.-N.
18	SE	SE	S	SE	E	E	45.4	45.9	37.6	39.2	168.1	10	------	S.-Cu.	10	------	N. SE
19	S	SE	SSE	SE	SE	S	57.3	65.2	63.3	22.5	208.3	1	------	S.-Cu.	8	Ci.-S. SE	Cu.-N.
20	SW	SW	NNW	NE	NE	E	46.5	37.8	99	74	257.3	2	A.-Cu. E	Cu.-N.	1	------	Cu.-N.
21	SW	SW	SW	NE	NE	SW	26	27.6	74.5	60.9	189	8	------	Cu.-N. E	6	Ci. E	Cu.-N. NE
22	SW	W	SW	N	E	S	57.3	27.2	34.1	26.4	145	10	------	S.-Cu. E	10	A.-S.	S.-Cu. E
23	S	S	S	SE	NE	ENE	40	43.5	50.9	84.8	219.2	10	------	S.-Cu. S	10	A.-S.	S.-Cu.
24	SW	SW	E	NE	NE	SW	34.1	32.8	32.4	34.3	133.6	10	A.-Cu. N	S.-Cu.	10	Ci.-S.	Cu.-N.
25	SW	E	NE	NE	W	W	24.9	27.4	53.1	86.6	192	10	------	N. ENE	10	------	N. E
26	SW	W	SW	SW	W	S	60.9	88.5	98.5	56.3	304.2	10	------	N.	10	------	N. W
27	SE	S	W	NW	ENE	SSE	39.2	38.6	68.6	114.6	261	10	------	S.-Cu. S	10	------	S.-Cu. W
28	W	SSE	SE	SE	SE	SE	40.5	65.7	65.5	20.4	192.1	10	------	S.-Cu. W	10	------	S.-Cu. W
29	SW	ENE	ENE	W	W	SW	57.4	121.5	152.6	86.4	417.9	10	------	S.-Cu. S	10	------	N.
30	W	S	S	NW	NW	W	39.2	17.5	105.4	38.1	200.2	10	Ci.	S.-Cu.	5	Ci.	Cu.-N.
31	W	S	S	N	NW	SW	18.2	67.9	88.7	69.8	244.6	7	Ci. E	S.-Cu.	1	------	Cu.-N.
Mean	------	------	------	------	------	------	54	70.3	77.5	53.1	254.9	6.2	------	------	6.9	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,901.6	------	------	------	------	------	------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, −1.57 mm.]

AUGUST, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.98	56.16	56.71	55.65	55.20	56.51	25.5	24.3	27.8	30.5	30.2	26.5	31.9	23.6	88	96	79	67	75	94	------
2	55.23	55.27	55.20	54.44	54.55	55.91	25.4	24.8	28.8	31.5	27.8	26.3	32.4	24.4	93	88	73	69	84	88	3.3
3	55.46	55.01	55.26	54.96	55.53	57.01	25.5	24.4	28.3	25.2	25.5	25.3	32.5	24	88	92	77	90	96	96	34.8
4	55.71	55.86	56.24	54.84	55.91	57.58	24.8	24.5	27.7	31.4	24.3	24.8	32	23.4	95	96	82	63	96	90	26.9
5	56.05	56.43	56.36	55.12	55.77	56.97	24	24	28.1	32	26.4	25.4	33.5	23.5	96	95	75	60	95	95	.3
6	55.81	56.06	56.71	55.99	56.16	57.76	25	24.3	28.2	30.6	30.4	26	31.8	24	95	97	82	74	74	92	------
7	56.52	56.41	57.05	55.67	56.04	57.74	25.5	24.8	28.8	30.1	30.2	27.5	33.4	24.2	88	90	77	81	74	88	.8
8	56.82	56.93	57.04	55.52	55.82	57.70	26	25.3	28.8	32	30.8	27.3	33.8	24.5	92	89	73	57	71	71	------
9	56.68	56.86	57.16	56.32	56.88	57.81	25.8	24.7	29.7	31.8	29	28.3	32.2	24.5	78	81	60	58	69	66	------
10	56.86	56.81	57.36	56.24	56.69	57.81	27	26.4	28.8	31	28.8	27.4	33	25.5	73	76	67	59	71	70	------
11	56.91	56.73	57.33	55.81	55.88	57.71	26.7	26.4	29.5	32.5	30.2	27.8	34	25.5	75	76	61	63	77	84	------
12	56.27	56.53	57.41	55.77	56.11	57.26	25.7	25	29.8	32	29.2	26.8	33.4	24.4	90	83	61	60	76	92	------
13	57.01	57.95	58.91	58.09	58.07	59.46	25.7	25.3	30	31.3	30.3	28	33	24.6	91	91	69	67	74	83	------
14	58.39	58.48	59.39	58.44	58.46	59.31	26.8	25.8	29	31.5	28.8	26.8	32.6	25.6	90	93	76	69	75	89	------
15	58.11	58.21	58.25	56.88	56.14	57.62	25.5	24.8	28.5	31.5	29.6	27.2	32.6	24.2	92	93	77	68	79	87	------
16	56.62	56.61	56.79	55.54	54.67	56	25.6	24.3	29.4	32	30	26.8	33.5	23.6	87	92	63	57	71	89	------
17	56.04	56.11	56.93	55.68	55.52	57.71	25.1	24.8	29.8	32.5	29.3	28.2	34	24	88	83	67	58	76	79	------
18	57.14	57.33	58.44	57.47	57.81	59.86	26.4	25.7	29.3	33	28.8	25.3	34	22.5	89	89	72	64	78	84	31
19	58.67	58.57	59.21	57.94	58.29	59.85	24.5	24	27.6	30.7	28.4	25.3	32.1	23	87	91	76	65	77	88	15.2
20	58.63	58.83	58.64	57.11	57.63	58.98	24.5	23.8	27.2	30.6	28.3	25.5	32.2	23	92	95	78	68	75	88	------
21	58.44	58.63	59.35	57.96	59.10	59.94	25	24.5	27.8	30	28	25.3	32	23.5	88	92	79	67	81	84	2.5
22	59.03	59.08	59.44	57.80	58.31	60.03	24.5	24	27.3	30.8	28.8	27.2	32.8	23.5	91	93	81	63	73	87	------
23	58.71	58.82	59.21	58.17	57.83	59.26	25	24.4	28.8	32.5	28.8	27.8	33.6	23.8	92	92	75	69	82	84	------
24	58.91	59.09	59.30	58.02	57.91	59.25	26	25.7	30.2	32.8	29.3	27.3	34	24.6	90	90	69	64	79	81	------
25	58.70	58.86	59.31	57.99	57.98	58.54	26	25.2	29.8	31.3	28.6	27.2	34.5	24.5	.88	92	71	73	76	89	------
26	58.01	58.21	58.99	56.84	57.09	58.70	25.8	24.8	29.2	32.6	29.5	28	33.5	24.5	93	95	75	63	76	83	------
27	57.86	58.35	59.10	57.09	57.13	59.10	26	25.7	29.4	33	29.1	28.2	34.2	24.6	92	93	74	64	76	80	------
28	58.12	58.63	59.48	57.58	57.76	59.36	24.2	23.8	28.8	32.5	28.1	24.8	33.6	22.6	90	88	71	63	81	88	.3
29	58.54	58.48	58.99	57.87	57.43	59.24	24.1	24	28.4	32.4	29.5	28.8	33.5	23.4	91	90	73	66	73	75	------
30	58.21	58.29	59.17	57.86	57.21	59	25.8	25.1	30.7	28?	28.9	26.8	32.4	24.6	93	95	69	82	77	92	------
31	58.53	58.71	59.26	57.56	57.35	59.06	25.5	24.9	28.9	32.5	29.2	26.8	33.5	24	93	94	76	69	72	81	------
Mean	57.35	57.49	58	56.72	56.85	58.32	25.4	24.8	28.9	31.4	28.8	26.8	33.1	24.1	89.3	90.3	72.8	66.5	77.7	85.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	115.1

Day.	Wind. Direction.						Wind. Total movement in 6 hours.				Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	SW	NNE	NW	N	30.3	28.2	49.1	7	114.6	4	Ci.	------------	1	Ci.	Cu.-N.
2	S	S	S	N	SW	SE	76.6	94.6	56.3	33.3	260.8	3	Ci.	S.-Cu.	4	Ci.-S. E	Cu.-N.
3	S	SSE	S	E	ENE	SE	55.5	89.8	34	23.1	202.4	7	Ci. E	S.-Cu.	10	------------	N.
4	SSE	S	SE	N	SE	WSW	94.8	57.9	74.6	44.6	271.9	10	Ci.-S.	S.-Cu.	2	Ci.	Cu.-N.
5	S	S	S	SE	WSW	SE	101.2	77.9	53.6	48.8	281.5	5	Ci. E	S.-Cu.	2	------------	Cu.-N.
6	S	SSE	SSE	SSE	N	SE	50.9	80.2	44	46.7	221.8	10	Ci.-S.	------------	10	------------	Cu.-N. W
7	S	S	S	N	N	SE	67.3	113.2	61	29.5	271	9	A.-Cu. W	S.-Cu.	8	------------	Cu.-N. W
8	SW	S	S	SW	N	SW	35.7	75.1	101.9	42.4	255.1	7	Ci. NE	S.-Cu.	3	Ci.	Cu.-N.
9	SW	S	S	SW	SW	SW	85.1	125.2	97.7	77.4	385.4	7	Ci. N	S.-Cu.	10	Ci. N	Cu.-N.
10	SW	S	S	SW	SW	SSW	70.6	129	107.2	66.3	373.1	10	Ci.-S.	S.-Cu. NW	9	A.-Cu. NW	S.-Cu.
11	SW	S	S	N	N	N	114.5	108	66.6	12.1	301.2	7	A.-Cu. W	S.-Cu.	3	Ci.	Cu.-N.
12	W	SW	S	N	E	S	32.2	54.5	89.5	31.1	207.3	0	------------	------------	2	Ci.	Cu.
13	S	SW	S	N	N	NE	24.9	30.8	61.5	30.6	147.8	6	Ci. E	S.-Cu.	10	Ci.-S.	Cu.
14	S	S	SSE	N	NW	W	28.2	30.6	93.9	55.2	207.9	1	Ci.	------------	4	Ci. E	Cu.-N.
15	SW	S	S	N	NW	W	52.6	71.8	96.6	82.9	303.9	5	Ci.	S.-Cu.	1	Ci.	Cu.
16	SW	SW	SSW	NE	E	SE	36	37.2	62.8	43	179	5	Ci. E	------------	5	Ci. E	Cu.
17	SW	SW	SSW	NE	NE	E	39.4	29.6	80.3	69.8	219.1	4	Ci.	------------	7	Ci. E	Cu.
18	SW	SW	S	NE	NW	S	40.8	40.2	76.4	77.9	235.3	5	Ci. E	------------	1	Ci.	Cu.
19	S	S	S	N	N	SW	79.2	97.6	67.4	61.4	305.6	4	Ci. NE	------------	4	Ci. NE	Cu.-N.
20	S	S	S	SE	N	W	83.7	106.5	34.4	36.2	260.8	10	Ci.-S.	S.-Cu.	10	Ci.-S. SE	Cu.-N.
21	W	S	S	NE	N	SSW	58.7	46.2	46.9	41	192.8	7	Ci.-S. ENE	Cu.-N.	9	Ci.-S. E	Cu.-N.
22	SW	S	S	NE	N	NE	90.3	105.2	53.1	33.2	281.8	6	A.-Cu. E	S.-Cu.	1	Ci.-S. SE	Cu.-N.
23	W	SW	S	NE	NE	SW	53.1	59.7	94.4	33.2	240.4	0	------------	------------	1	------------	Cu.-N.
24	SW	SW	SW	NE	NE	E	34.9	43.8	93.9	70.5	243.1	0	------------	------------	1	------------	Cu.-N.
25	SE	S	S	NE	ENE	ENE	38.8	30.8	77.2	30.9	177.7	1	------------	Cu.-N.	1	------------	Cu.-N.
26	SW	S	S	NE	NE	ENE	44.5	50.5	82.6	43.3	220.9	0	------------	------------	1	------------	Cu.-N.
27	SW	S	SSE	NE	NE	NE	36.4	79.1	85.5	43.7	244.7	0	------------	------------	1	------------	Cu.-N.
28	SE	S	SSE	NE	ENE	SW	96.3	79.7	94.1	66	336.1	0	------------	------------	1	------------	Cu.-N.
29	S	S	S	ENE	NE	ENE	44.1	57.9	86.6	44.3	232.9	0	------------	------------	1	------------	Cu.-N.
30	S	S	NE	SE	NE	E	44.6	30.6	30.1	27.2	132.5	0	------------	------------	8	Ci.-S. E	S.-Cu.
31	S	SSE	S	NE	ENE	E	35.1	45.9	98.7	61.7	241.4	0	------------	------------	1	------------	Cu.-N.
Mean	------	------	------	------	------	------	57.3	68	72.6	45.6	243.5	4.3	------------	------------	4.3	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	7,549.8	----	------------	------------	----	------------	------------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

SEPTEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.46	58.61	58.98	57.79	58.06	59.51	25.5	24.9	30.3	32.5	28.6	25.8	33.5	24	88	92	62	63	72	82	------
2	58.50	58.61	59.26	57.97	57.95	59.06	25	24.4	29.8	33	29.2	27.8	33.4	23.8	88	92	69	64	76	80	------
3	58.54	58.53	58.81	57.64	57.46	59.01	26	25.5	29.7	32.9	29	28.2	33.6	24.6	92	94	72	64	76	76	------
4	58.16	58.43	58.73	56.94	56.41	57.94	26.5	25	30.2	32.2	28.9	27.6	33.9	24.5	84	90	70	65	77	83	------
5	56.79	57.05	57.54	55.58	55.83	57.11	25.6	24.8	30.1	32.3	29.2	28.4	33.6	24.5	93	95	69	63	72	79	9.4
6	56.01	56.39	56.25	54.87	54.99	55.86	26.3	24.8	28.7	31.5	28.6	27	32.9	24.1	90	95	78	63	80	87	------
7	55.06	55.36	55.99	54.44	54.34	55.86	24.5	24.3	29	32.5	29.3	27.7	33	24	96	96	71	69	70	82	
8	54.99	55.13	55.43	53.36	53	54.83	26.5	25.8	29.4	32.6	29.8	27.8	33.9	25.2	88	89	72	65	69	81	------
9	54.07	54.70	55.66	53.89	55.21	56.76	26.5	25.3	31	31.5	29.3	28.6	34.2	24.4	88	93	65	69	74	83	.3
10	55.85	56.16	57.41	55.84	56.63	58.41	27	25.8	27.3	31.5	28.4	24.8	32.9	24.2	89	95	88	72	88	95	21.1
11	56.54	56.32	56.79	54.94	55.35	57.11	24	23.3	29.3	31	27.8	26.3	32.9	23	96	97	72	67	83	91	------
12	55.40	55.72	56.12	54.69	54.88	56.69	25.4	24.8	28.8	31.3	28.5	27.8	33.2	24.2	93	93	73	66	77	84	9.7
13	55.33	55.37	56.30	54.74	54.81	56.19	25.1	24.8	29.2	31.5	29.2	27.3	32.4	24.5	92	95	75	69	79	84	.5
14	55.06	54.36	54.34	52.42	51.74	53.11	26	25.3	29.7	31.2	28.8	26.8	32	25	92	96	69	70	79	89	------
15	52.18	52.21	53.14	52.78	53.68	55.09	25.6	25	30.3	31.5	29.4	28.2	32.9	24.6	91	95	71	63	81	83	------
16	54.94	55.62	56.99	54.76	55.77	56.61	28	25	28.4	30	25.3	24.6	31.5	24.1	85	93	77	78	89	90	------
17	54.71	54.79	55.62	53.22	53.25	54.60	24.4	24.2	27.4	26	27.8	25.7	28.3	23.6	91	93	80	84	80	89	30
18	53.18	52.79	52.83	50.43	50.93	52.01	24.6	24.3	28.4	31.5	25	24.8	32.7	23.7	93	92	77	62	92	92	4.3
19	51.22	51.63	52.66	51.25	52.83	53.08	25	25.3	28.7	31.8	24.6	25.3	32.9	24	88	84	73	58	95	84	29
20	52.62	53.08	54.10	52.84	53.68	54.48	25.2	25.4	27.7	28.7	26.9	25.9	30.6	24.7	83	82	75	76	88	85	------
21	54.25	54.91	55.76	55.03	56.11	57.50	25.5	25.4	27.3	29	28.8	27.5	31	25	81	79	78	74	82	76	------
22	57.36	57.93	59.26	57.85	58.90	60.09	26.2	25.8	29.5	32.6	29.7	27.3	33.5	24.6	75	76	64	54	76	91	------
23	59.89	60.31	61.20	59.42	59.29	60.23	26.2	25	30.3	31.5	29	27.4	32.4	24.6	90	95	75	72	76	84	------
24	59.18	59.33	60.36	57.59	57.36	58.23	25.6	25	30.8	32.8	29.2	27.6	33.1	24.6	93	95	68	62	72	89	------
25	57.61	57.54	57.74	55.84	55.75	57.64	25	24.2	29.3	32.1	29.3	27	33.4	23.6	92	93	72	69	83	92	------
26	57.42	57.58	58.84	57.28	57.33	59.58	26.2	25	30	32.8	29.8	27.3	33.6	24.6	90	95	70	62	78	88	------
27	60.51	60.81	62.20	60.52	61.09	63.44	26.6	25.8	29.7	31.5	28.8	22.3	32.6	22	89	92	72	69	78	96	52.6
28	62.08	61.42	61.96	59.64	60.01	61.09	22.3	22.4	27.4	30.5	27.8	26.3	31.2	21.7	96	95	73	66	79	89	.5
29	59.74	59.31	59.56	57.44	57.71	59.16	25	24.3	28.7	31.5	28.4	27.3	32.7	23.6	92	92	75	63	80	84	3.6
30	58.96	59.12	59.31	57.87	58.13	59.39	25	24.3	30.2	31.5	28.4	27.6	32.1	24	92	93	70	63	77	79	------
Mean	56.49	56.64	57.30	55.63	55.95	57.32	25.5	24.8	29.2	31.4	28.4	26.8	32.7	24.1	89.7	91.9	72.5	66.8	79.3	85.6	------
Total																					161

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	S	SE	NE	NE	E	31.2	55.5	116.7	64.7	268.1	0	------	------	1	------	Cu.-N.
2	SW	S	SE	NE	NE	EbyN	38.8	54.1	101.6	59.7	254.2	0	------		1	------	Cu.-N.
3	SW	SW	NE	NE	ENE	NE	28.7	43.8	108.4	111.2	292.1	3	Ci. E	S.-Cu.	4	Ci. E	Cu.-N.
4	S	SW	SE	NE	NE	E	38.6	51	93	62	244.6	1	Ci.	------	1	------	Cu.-N.
5	SW	S	S	NE	NE	EbyN	36	42	75.4	30.9	184.3	1	Ci.-S.	Cu.-N.	6	Ci. E	Cu.-N.
6	SW	SE	S	SE	NE	NE	60.2	92.3	88	28.4	268.9	7	------	Cu.-N. E	6	Ci.	Cu.-N.
7	SW	S	S	NE	E	E	42.1	70.3	73.5	48	233.9	2	Ci.	Cu.-N.	5	------	Cu.-N.NE
8	SW	S	S	NE	E	SE	31.6	30	67.3	46.1	175	1	------	S.-Cu.	1	------	Cu.-N.
9	S	SE	SE	NW	N	N	30.4	34.9	93	39.6	197.9	1	------	S.-Cu.	3	A.-Cu. S	Cu.-N.
10	NW	E	SW	NE	NE	S	24.6	21.5	65.5	70.8	182.4	10	Ci.-S.	Cu.-N. SE	3	Ci. N	Cu.-N.
11	S	S	S	NE	NW	S	75.4	70.8	84.3	30.8	261.3	3	Ci.-Cu. N	S.-Cu.	1	------	Cu.-N.
12	SW	SW	NW	N	N	N	53.6	45.4	77.5	31.1	207.6	8	A.-Cu. N	S.-Cu.	1	------	Cu.-N.
13	W	S	S	NE	NE	E	35.6	56.9	71.1	44.5	208.1	2	------	Cu.-N.	1	------	Cu.-N.
14	SW	SW	S	N	ENE	SSE	42.8	43.7	43.5	24.7	154.7	1	------	S.-Cu.	10	------	Cu.-N. W
15	S	SSE	SSE	SE	ENE	N	28.7	89	55.8	30.4	203.9	10	A.-Cu. SW	S.-Cu.	10	------	S.-Cu. SW
16	NW	SE	NW	NE	SW	SW	49.3	25.4	68.4	42.6	185.7	10	------	S.-Cu. E	8	Ci.-S. N	Cu.-N.NE
17	S	S	NW	W	NW	W	53.6	67.9	117.3	66.6	305.4	10	------	S.-Cu. N	10	Ci.-S.	S.-Cu.
18	SE	SE	SSE	SE	SE	SE	-----	77.2	38.8	19.1	-----	1	Ci.-S.	S.-Cu.	2	------	Cu.-N.
19	S	S	S	SE	E	S	68.1	129.3	48.8	78.7	324.9	5	Ci. E	S.-Cu.	10	------	Cu.-N. W
20	S	S	S	S	S	S	125.7	150.5	87.1	125.7	489	10	------	S.-Cu.	10	------	S.-Cu. SW
21	S	S	S	S	S	SSE	141.6	135	72.4	40.4	389.4	10	A.-S.	S.-Cu.	10	A.-S.	S.-Cu.
22	S	S	SSE	S	N	N	108.6	112.1	52	32.5	305.2	10	A.-Cu. SW	S.-Cu.	7	Ci. E	Cu.
23	W	W	N	N	NE	NE	21.9	33.8	63.3	43	162	7	Ci. E	------	4	Ci. E	Cu.-N.
24	NE	SW	SE	NE	NE	NE	37	27.9	81.3	38.4	184.6	0	------	------	0	------	------
25	SW	S	S	NE	NE	S	33.5	58.1	97.4	41.8	230.8	0	------	------	1	------	Cu.-N.
26	SE	S	S	NE	NE	SW	33.8	77.4	82.7	35.4	229.3	0	------	------	1	------	Cu.-N.
27	W	W	S	N	N	S	44.9	30.9	76.9	86.4	239.1	2	------	Cu.-N. E	0	------	------
28	S	S	S	N	NE	SW	69.2	66	54.7	24.3	214.2	0	------	------	0	------	------
29	SW	SW	S	NE	NE	NE	38.9	40.4	61.4	31.7	172.4	1	------	Cu.-N.	0	------	------
30	SW	SW	E	NE	ENE	NE	49.3	36.7	91.1	88.7	265.8	1	------	Cu.-N.	1	------	Cu.-N.
Mean	------	------	------	------		------	50.8	62.3	76.9	50.6	242.6	3.9	------	------	3.9	------	------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, −1.57 mm.]

OCTOBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.98	59.16	59.85	58.03	58.25	58.66	26.4	24.8	30.6	32	26.9	27	32.5	24.4	85	95	73	66	88	87	19.6
2	57.01	56.48	56.15	53.17	53.02	54.94	26	25.3	27.3	26.2	26.2	25.3	28	24.5	92	93	81	90	89	93	5.6
3	54.42	54.76	55.70	54.25	54.79	56.35	25	25	29.3	30.5	28.3	26.9	32.2	24.2	92	92	72	71	81	80	29.7
4	54.93	55.22	56.32	54.58	54.99	55.17	25.6	24.6	25.8	26.4	26.4	24.3	27.5	24	87	93	89	84	86	93	46.2
5	54.30	54.11	54.07	52.57	52.60	52.75	23.8	23.5	23.4	24.2	24.3	24.3	25.4	23	93	94	97	86	89	96	22.3
6	52.91	53.70	55.54	54.53	55.39	56.61	23.5	23.5	25.5	28	25	24.5	28.5	23	97	97	80	70	95	89	41.1
7	55.23	57.10	58.33	56.94	57.44	59.24	24	23.3	24.8	25	25.8	25	27	22.6	91	93	88	92	90	92	60.4
8	58.48	59.23	60.25	58.41	58.23	59.81	24	24.3	25.3	27.5	26.3	25.2	29.1	22.6	91	92	88	81	80	87	5.8
9	59.18	59.38	60.65	57.94	58.20	59.73	24.9	24.7	27.4	29.5	27.5	26.9	31.3	23.5	89	92	81	75	84	85	1.8
10	59.12	59.44	60.41	58.04	58.01	59.29	25.7	25.3	26.9	29.3	27.7	26.9	30	24.2	94	96	88	81	82	85	6.9
11	58.95	59.08	60.11	58.66	58.38	59.99	26.5	26.3	29.9	31	27.3	25.3	31.6	24.7	84	83	73	72	84	93	-----
12	59.90	60.40	61.29	59.24	58.96	60.83	24.5	23.9	28.8	31.4	28.5	27	32	23.5	92	94	75	73	84	86	-----
13	60.25	60.39	60.91	58.80	58.59	59.94	25.3	24.8	30	31.5	27.8	27.3	32.3	24.1	93	93	74	72	81	84	-----
14	59.49	59.66	60.34	58.16	58.34	59.21	25.6	24.5	29.2	30.5	27.6	26.5	32	24	93	96	70	68	80	86	-----
15	58.56	58.55	59.49	57.96	57.38	58.36	25.1	24.5	27.6	30.5	27.3	27.3	31.5	24	95	96	81	74	88	84	9.6
16	57.16	56.83	57.54	55.36	54.64	54.26	27.1	26.8	29.4	30	27.9	26.3	30.5	24.1	83	84	75	71	81	83	39.6
17	51.04	48.39	44.59	34.11	22.43	20.73	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
18	31.18	38.16	45.21	46.02	51.86	52.12	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
19	52.45	53.80	55.67	54.04	54.86	57.04	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
20	56.96	57.68	58.51	56.55	57.04	59.04	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
21	58.96	59.71	60.39	58.58	59.35	60.22	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
22	59.62	60.01	60.54	58.39	58.76	60.19	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	.5
23	59.16	59.34	60.39	57.94	57.86	58.14	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.5
24	55.66	55.08	56.06	54.93	56.33	59.01	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	25.4
25	58.91	59.23	60.76	58.66	59.29	61.37	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	.3
26	60.69	61.10	61.76	59.34	60.01	61.56	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
27	61.09	60.96	61.52	58.96	59.19	61.10	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
28	60.17	60.33	61.61	58.74	58.93	60.49	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
29	59.21	59.46	60.91	58.44	59.01	60.51	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1
30	59.91	60.34	61.66	59.31	59.48	61.24	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
31	60.55	60.78	61.85	59.76	60.44	61.86	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	56.95	57.35	58.33	56.14	56.20	57.41	25.2	24.7	27.6	29	26.9	26	30.1	23.8	90.7	92.7	80.3	76.6	85.1	87.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	[1]318.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	SW	NE	NE	N	N	53.6	33.8	42.6	49.7	179.7	1	-----	Cu.-N.	3	Ci. E	Cu.-N.
2	NNW	W	W	W	S	SW	86.9	127.9	101.2	53.9	369.9	10	-----	Fr.-N. N	10	-----	Cu.-N. NW
3	SE	SW	S	NE	N	NW	15.6	56.6	57.4	43.8	173.4	10	Ci.-S. NW	S.-Cu.	7	Ci.	Cu.-N.
4	SW	W	N	NW	NW	W	46.7	80.5	125	132	384.2	10	-----	N. N	10	-----	S.-Cu. N
5	W	W	SW	S	SW	SE	138.6	118	97.6	93.9	448.1	10	-----	N.	10	-----	N.
6	SE	SE	SE	E	E	E	13.5	31.6	-----	33.8	-----	10	-----	S.-Cu. E	10	-----	S.-Cu. E
7	SW	W	W	E	ENE	E	52.9	74.5?	17.2	71.9	216.5	10	-----	N. W	10	-----	S.-Cu. E
8	E	E	E	NE	E	E	34.8	38	54.1	45.7	172.6	10	-----	N. NE	10	-----	S.-Cu. E
9	SW	N	E	N	NE	ENE	41.2	18.3	54.9	42.4	156.8	10	-----	S.-Cu. NE	1	-----	Cu.-N.
10	NE	NE	S	NE	ENE	NE	24.3	29.3	89.6	81.9	225.1	10	-----	Cu.-N. ENE	2	-----	Cu.-N.
11	NE	NE	NE	NE	NE	S	81.3	46.7	81.3	73.5	282.8	1	-----	Cu.-N. NE	1	-----	Cu.-N.
12	SE	S	SE	NE	E	E	79.9	53.1	79.2	24.4	236.6	0	-----	-----	1	-----	Cu.-N.
13	SW	SW	NE	NE	NE	NE	37.6	31.2	90.9	91.7	251.4	0	-----	-----	0	-----	-----
14	E	SW	W	NE	NE	NE	25.1	22.8	56.6	39.2	143.7	0	-----	-----	1	-----	Cu.-N.
15	W	W	W	NE	E	NE	46.9	33.5	54.1	45.1	179.6	1	-----	S.-Cu.	2	-----	Cu.-N.
16	NE	N	N	N	N	N	79.1	127.4	133.4	128.5	468.4	10	-----	N. N	9	-----	Cu.-N. N
17	NNW	NNW	NNW	NNW	NNW	SE	221.6	311.9	-----	-----	-----	10	-----	N. N	10	-----	N. N
18	SE	SE	SE	SE	SE	SE	-----	-----	-----	69	-----	10	-----	N.	10	-----	S.-Cu. SE
19	SE	S	E	S	NE	NW	27.4	79.7	55	20.4	182.5	9	Ci. NW	-----	10	Ci. NW	-----
20	NW	N	SE	NE	NE	NE	8.5	28.4	56.5	19.6	113	4	Ci.	S.-Cu.	5	Ci. E	Cu.-N.
21	NE	NE	NE	NE	NE	NE	9.2	17.7	43.8	18.3	89	5	Ci.	S.-Cu.	1	-----	Cu.-N.
22	N	NE	E	NE	NE	NE	16.6	23	52.8	18.3	110.7	0	-----	-----	0	-----	-----
23	N	N	NE	NE	NE	NE	33	52.8	89.1	120.7	295.6	10	-----	N. NE	10	Ci. E	Cu.-N. NE
24	NE	NE	E	SE	SE	ESE	146.4	101.9	62.8	40	351.1	10	-----	S.-Cu. E	10	-----	N. SE
25	SE	SE	SE	S	SE	SE	37.2	60	73	5	175.2	10	-----	S.-Cu. S	2	-----	Cu.-N. SE
26	SE	SE	NE	NE	E	E	5.1	20.1	67.4	32.4	125	3	Ci.	S.-Cu.	5	-----	Cu.-N. SE
27	SW	SW	W	N	E	E	6.1	22.7	50.9	29.3	109	2	Ci.	-----	1	-----	Cu.-N.
28	SW	S	NE	NE	E	E	19.3	55.2	49.1	16.7	140.3	0	-----	-----	0	-----	-----
29	SE	SSE	SE	NE	ENE	ENE	26.8	50.2	58.1	47	182.1	5	-----	Cu.-N. S	8	A.-Cu. S	Cu.-N.
30	SE	SE	E	ENE	E	E	14.8	41	75.1	25.9	156.8	10	-----	S.-Cu. SE	3	A.-Cu. E	S.-Cu.
31	SW	SW	SE	E	ENE	SE	17.7	38.6	65.4	35.7	157.4	3	Ci. E	S.-Cu.	2	-----	Cu.-N.
Mean	-----	-----	-----	-----	-----	-----	48.3	60.9	69.1	51.7	217	6.3	-----	-----	5.3	-----	-----

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[1] 29 days of observation. The amount of rainfall could not be measured on the 17th and 18th.

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

NOVEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.05	61.27	62.10	59.91	59.84	61.32	24	23.8	27	29	27.5	25	31	22.8	91	90	83	65	79	83	1
2	60.56	60.72	61.51	59.46	59.59	61.06	24.5	24.1	27.6	28.8	26.8	26	29.4	22.6	82	82	79	76	83	87	-----
3	60.22	60.46	61.36	59.11	59.32	60.39	24.8	23.5	27.5	28.5	27.2	25.6	30	22.9	89	94	78	73	83	90	-----
4	59.86	60.16	60.79	58.80	58.97	60.15	24	23.6	28.4	29.5	27	26.1	29.9	23.2	96	97	77	70	83	86	-----
5	59.50	59.96	60.70	58.89	59.89	61.26	24.6	23.5	27.8	28.5	26	25.5	29.8	23.1	95	96	77	73	80	86	16
6	60.03	60.06	61.67	59.34	59.74	60.39	23.5	23	26.5	28	25.8	24.6	29	22.1	94	96	86	76	88	93	41.7
7	58.84	59.11	60.26	57.48	57.82	58.82	25	25.4	26	26.2	25	24	27.5	22.5	90	93	87	85	87	94	27
8	57.58	57.68	58.83	56.71	57.48	58.69	24	24	27.6	27.5	25.9	24.1	29	23.1	93	93	81	79	80	96	23.4
9	58.50	58.33	59.05	57.68	59.24	60.04	23.8	23.5	24.6	29.3	26.1	25	30.8	23	95	96	93	79	89	92	3.3
10	59.74	60.30	61.47	59.34	59.86	61.50	24.8	24.5	29	28	27.5	25.5	31.9	23.8	89	91	75	77	84	92	-----
11	60.97	61.05	62.05	60.26	60.78	62.80	24.4	24	27.4	29	27	24.9	29.8	23.5	95	95	77	72	84	87	18.5
12	61.97	62.50	63.71	61.28	61.54	62.86	24	23.7	27.3	28	26.4	25.2	29	23	93	94	76	74	81	90	-----
13	62.37	62.57	63.30	61.39	62.09	62.44	24	23.4	27.9	28.5	23.7	26.2	29	22.4	93	93	73	71	96	79	5.1
14	61.52	60.89	61.56	59.06	59.36	59.79	26	26	27.4	26.6	25.7	26	27.5	23.6	78	76	68	75	77	80	6.9
15	58.77	57.83	57.91	55.73	56.33	56.60	26	24.8	25	25.8	25.1	24.5	26.7	23.2	84	98	96	92	89	96	91.1
16	55.38	55.39	56.21	54.56	54.98	56.18	24.2	24	27	27.1	26	26	28.7	23.5	97	96	87	83	89	88	1.8
17	55.11	55.27	56.41	54.49	54.93	55.81	24.8	24.3	28.5	28.5	25.6	24.5	30.7	23.9	93	96	77	73	90	91	2
18	54.78	55.43	56.63	55.04	56.21	57.37	24	23.6	28	31	25	25	32.5	23.2	91	95	76	62	90	97	110.6
19	56.90	56.49	57.93	55.70	56.73	58.10	24.5	24.2	24.3	24.5	24	24	25.5	22.5	87	88	89	91	90	90	91.2
20	57.30	57.58	58.58	56.88	57.05	58.34	24.5	25	26.4	24	24.4	24	26.5	22.4	87	85	83	93	91	95	49.5
21	57.43	58.35	59.14	57.30	57.52	59.07	23	22.5	25.6	29.2	26	25.8	31.2	22	96	96	85	68	89	85	-----
22	58.22	58.83	59.91	57.66	58.50	59.36	24.3	23.1	28	29.5	26.7	25.5	31	22.6	89	96	77	76	90	92	-----
23	59.09	59.54	59.84	58.19	59.13	60.47	25.1	25	28	28.9	26.4	26.3	29.5	24.4	92	93	79	77	85	85	-----
24	60.05	60.19	61.89	60.14	60.56	62.91	25.2	25	26	23	24.5	24.6	27.5	22	86	87	82	95	87	74	60
25	62.06	62.75	64.71	63.05	63.41	64.56	24	24.2	24.9	24.6	23.5	22	25.4	21.6	78	78	70	66	72	87	1.6
26	63.46	63.51	64.37	62.19	62.70	63.37	22.5	23.6	25.5	26.4	24.5	24.1	26.9	21.6	78	69	59	65	70	97	-----
27	62.91	62.74	63.48	61.51	62.07	63.01	22.4	22	26	27.4	25.3	25	27.5	21.5	92	95	72	64	72	77	-----
28	62.53	62.41	63.44	61.21	61.34	62.48	25	25	26.5	25.5	24.7	23.6	28.3	23.1	79	82	82	78	88	93	29.3
29	62.35	62.76	64.28	62.65	62.62	63.78	23	22.5	23	24.2	24	23.6	25.4	21.6	95	94	91	88	87	86	6.8
30	63.20	63.24	64.80	63.26	63.67	64.56	22.8	23.1	23.7	25	24.3	23.6	26.4	21.4	93	93	84	74	76	81	16.9
Mean	59.74	59.91	60.93	58.94	59.44	60.58	24.2	23.9	26.6	27.3	25.6	24.9	28.8	22.7	89.7	90.9	80	76.3	84.3	88.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	603.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	S	SE	NE	ENE	SE	18.5	55.2	37.5	36.2	147.4	1	-----	S.-Cu.	7	-----	Cu.-N. E
2	S	S	S	NE	ENE	ENE	17.5	45.6	63.9	50.4	177.4	0	-----	-----	0	-----	-----
3	NE	NE	NE	NE	NE	NE	31.4	16.7	34.1	34.3	116.5	5	-----	Cu.-N. E	2	-----	Cu.-N. E
4	NE	NE	NE	NE	NE	NE	19	24.3	70.2	33.6	147.1	0	-----	-----	1	-----	Cu.-N.
5	NE	N	NE	ENE	ENE	ENE	24.3	39.6	85.5	114.3	263.7	1	-----	Cu.-N. E	2	-----	Cu.-N. E
6	NE	ENE	ENE	ENE	ENE	ENE	149.7	104.8	124.2	117.5	496.2	10	-----	N. E	7	-----	Cu.-N. ENE
7	ENE	ENE	SE	ENE	SE	S	112.1	90.4	65.4	35.1	303	10	-----	S.-Cu. E	10	-----	S.-Cu. E
8	SW	SE	S	ENE	ENE	S	18.2	34.9	90.4	30.8	174.3	10	-----	N.	6	A.-Cu.	S.-Cu.
9	E	SW	S	S	ENE	S	17.9	59.5	24.1	33.5	135	10	-----	N.	10	Ci.-S. W	S.-Cu.
10	SE	S	SE	NE	NE	ENE	30.4	24.6	47.3	-----	-----	10	A.-Cu. E	S.-Cu.	1	-----	Cu.-N.
11	E	SE	NE	NE	NE	E	9.4	28.8	27.1	23.8	89.1	3	Ci. E	S.-Cu.	1	-----	Cu.-N.
12	E	E	NE	NE	ENE	E	11.1	20.1	74.6	37	142.8	10	-----	S.-Cu. E	1	-----	Cu.-N.
13	E	NE	ENE	NE	E	NE	13.2	34.8	98.5	74.8	221.3	7	-----	Cu.-N. E	1	-----	Cu.-N.
14	ENE	NE	NE	NE	NE	NE	84.7	76.7	-----	106.4	-----	8	-----	Cu.-N. ENE	10	-----	Cu.-N. NE
15	NE	ENE	ENE	ENE	ENE	ENE	111.5	110.8	141.6	120.4	484.3	10	-----	S.-Cu. E	10	-----	N. ENE
16	ENE	ENE	ENE	ENE	ENE	ENE	127.4	110.8	123.4	81.8	443.4	10	-----	N. ENE	10	-----	S.-Cu. SE
17	E	E	SE	NE	SE	SE	15.9	19.6	48	70.2	153.7	8	Ci.	S.-Cu.	10	A.-Cu. S	S.-Cu.
18	SE	SE	SE	SE	NW	NE	92.8	67.1	41	54.4	255.3	3	Ci. S	S.-Cu.	8	-----	Cu.-N. sw
19	NE	NE	NNE	NE	NNE	NE	116.5	127.7	138.1	136.2	518.5	10	-----	N. NE	10	-----	N. NE
20	NE	NE	NE	NE	ENE	SE	119.4	-----	114.9	56.1	-----	10	A.-Cu. S	S.-Cu. SE	10	-----	N. NE
21	W	S	S	S	NE	W	42.6	106.8	69.7	15.8	234.9	1	-----	S.-Cu.	1	-----	Cu.
22	W	W	S	E	N	W	8	53.7	54.2	32.2	148.1	0	-----	-----	0	-----	-----
23	W	W	NE	N	NW	NNW	10.5	30	84.5	92.5	217.5	3	A.-Cu. S	S.-Cu. SE	1	-----	Cu.-N.
24	NW	NW	E	NE	NE	NE	79.9	30.3	82.3	142.9	335.4	10	A.-Cu. E	S.-Cu. NW	10	-----	N. NE
25	NE	NE	NE	NE	NE	NE	141.6	148.1	132.8	124.5	547	10	-----	Cu.-N. NE	10	-----	Cu.-N. NE
26	NE	NE	E	NE	NE	E	101.9	92.8	95.5	57.3	347.5	10	-----	S.-Cu. E	6	-----	Cu.-N. NE
27	NE	S	ENE	NE	ENE	NE	29.6	45.4	115.9	91.2	282.1	10	-----	S.-Cu. E	1	-----	Cu.-N.
28	NE	NE	SE	E	E	SE	82.6	47.7	31.1	29.6	191	2	-----	S.-Cu.	10	-----	Cu.-N. E
29	SW	ENE	E	SW	S	N	21.1	21.9	23.3	14.7	81	10	-----	N. E	10	-----	S.-Cu. E
30	SW	ENE	ENE	ENE	ENE	NE	45.6	50.1	102	110.2	307.9	10	-----	S.-Cu. E	10	-----	S.-Cu. E
Mean	-----	-----	-----	-----	-----	-----	56.8	59.3	77.3	67.5	257.8	6.7	-----	-----	5.9	-----	-----

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

DECEMBER, 1909.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	63.23	63.13	64.21	62.46	62.80	63.78	23.8	24.2	24.9	24.2	24	24.6	25.6	21.6	80	77	76	78	78	74	2.3
2	62.38	62.79	63.71	61.37	61.66	62.47	22.5	21.7	26	26.4	24.5	24.8	27.5	21.1	87	87	72	68	76	69	-----
3	61.67	61.40	62.41	60.63	61.08	61.87	24.7	24.5	24.1	25.5	24.5	24.3	26	23.1	72	67	81	68	70	68	.5
4	60.38	60.11	61.18	59.44	59.76	61.01	24	22.5	24.4	23.2	23.7	23.6	25	21.3	71	87	68	80	73	70	4.3
5	60.28	60.57	61.98	60.26	60.35	61.41	23.2	23	23.5	24.5	22.9	22	25	21.1	65	62	63	58	60	74	2
6	60.47	60.69	62.01	60.26	60.82	61.45	22.6	23	24	25.2	22.6	23.6	25.5	20	68	74	69	62	76	65	.5
7	61.24	61.46	62.46	60.22	60.37	61.13	22.2	21	23.9	25.4	23.6	23	26	20.1	76	87	79	68	76	79	3.6
8	60.68	60.11	60.98	58.56	58.92	59.67	21.9	21.1	25.4	26.5	25	23.5	27.4	20.5	88	94	75	68	79	85	1.5
9	58.45	58.46	59.38	58.14	57.67	59.01	23.5	23.7	25	24.8	25	25.3	27	20	87	94	93	90	88	85	53.6
10	58.23	59.09	60.78	58.90	58.53	59.68	24.7	24.1	23.9	24	24.5	24.1	25.6	22.5	89	94	92	91	86	89	32.8
11	59.08	58.66	59.86	57.43	57.87	59.43	23	22.7	26	27.5	25	23.6	28.7	22	93	94	87	77	87	85	-----
12	58.78	58.65	59.71	57.51	58.79	60	23	22.8	26.4	27.8	25.7	24.8	28.5	22	88	89	75	70	83	83	5.6
13	59.82	60.51	62.56	61.16	61.78	63.43	23.4	22.5	22.5	22.7	22.5	21	25	21.1	88	91	94	89	85	89	33.8
14	63.04	63.62	64.95	62.73	62.74	63.51	21	21	21	21	21	21.2	22.5	19.4	87	83	83	89	89	89	7.1
15	62.43	62.73	64.02	62.41	62.38	63.31	21.5	21.8	22.4	22	22.8	22.5	23.2	20.2	91	91	93	96	91	96	115.5
16	62.01	62.21	63.56	61.61	62.77	63.54	23.2	23.5	23	23	22.5	22.5	24.7	21.3	91	90	95	95	90	89	26.4
17	62.62	62.84	64.11	62.38	63.02	64.02	22.6	23	22.7	23.2	23.1	23.4	23.9	21.1	89	86	90	88	80	80	10.1
18	62.82	63.01	64.84	62.86	63.81	64.48	22.6	22.1	23.8	24.8	21.5	22.8	25.2	20.7	84	86	75	65	83	68	-----
19	63.53	63.63	65	62.23	62.48	63.16	22.5	22.2	21.5	25.1	23.6	22.7	25.8	20.1	67	67	76	63	73	83	5.6
20	61.61	61.76	62.88	60.86	61.40	62.58	22.2	22	24.5	26.1	24.4	24	26.7	21.2	89	95	83	79	83	81	1.3
21	62.04	61.84	62.97	60.82	61.40	62.68	24	23.7	25.8	26	23.9	23.6	26.5	22.4	79	77	69	65	74	70	.5
22	61.86	61.53	63.17	60.74	61.66	62.71	21.6	22	25.4	26.5	24.2	22	27	19.5	84	82	67	64	71	89	.3
23	61.84	62.34	63.77	62.13	63.06	64.46	22.4	23	24.8	24.2	23.5	23.2	26	21.2	88	81	69	66	67	61	.5
24	63.01	63.33	65.07	63.38	64.58	65.31	23	23	24	24	23	23.5	24.2	21.6	62	62	63	58	62	65	3.5
25	63.96	65.05	66.70	64.90	66.32	67.68	22.8	22.1	21.8	20.8	21	20.5	23.7	19.1	71	76	75	87	80	79	9.9
26	66.60	66.83	68.23	66.41	66.97	67.77	20.6	21	21.8	21.8	21.5	21.6	22.5	18.6	78	77	74	65	66	72	1.5
27	66.54	66.72	68.19	66.26	66.45	67.79	21.2	20.1	24	24.6	22.7	21.9	25.5	19.6	72	75	63	66	77	85	-----
28	67.40	66.97	68.10	65.84	65.80	66.16	20.8	20	23.8	23.5	23	23	25.4	19.4	89	92	80	87	88	91	-----
29	64.84	64.46	65.41	63.50	63.66	63.83	22.1	21.5	25	25	23.5	22.5	27	21	88	92	85	85	90	94	1.3
30	62.44	62.67	63.28	60.41	60.76	61.38	22	21.5	25.5	26.5	25.1	23.4	29.5	21	93	94	81	79	86	91	-----
31	60.77	60.39	61.01	58.51	58.92	60.11	22.7	22	25.4	30.3	25	23.4	31	21.1	89	86	84	64	90	95	-----
Mean	62.07	62.18	63.44	61.43	61.89	62.87	22.6	22.3	24.1	24.7	23.5	23.1	25.9	20.8	82	83.5	78.4	75.1	79.3	80.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	324

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	ENE	ENE	ENE	ENE	E	95.8	84.2	85.1	47.5	312.6	10	-----	S.-Cu. E	10	-----	S.-Cu. E
2	E	SW	E	ENE	NE	ENE	19.3	25.4	87.4	114.6	246.7	7	Ci. E	S.-Cu.	10	-----	S.-Cu. E
3	ENE	ENE	NE	NE	NE	NE	95	99.3	83.7	68.1	346.1	10	-----	Cu.-N. E	10	-----	S.-Cu. E
4	NE	NE	NE	ENE	NE	ENE	72.6	141.6	123.6	114.5	452.3	10	-----	Cu.-N. NE	10	-----	S.-Cu. ENE
5	ENE	ENE	NE	ENE	ENE	E	94.4	118.6	98.2	66	377.2	10	-----	S.-Cu. ENE	10	-----	S.-Cu. E
6	ENE	ENE	ENE	ENE	ENE	ENE	66.6	123.4	126.9	111	427.9	10	-----	N. ENE	10	-----	S.-Cu. ENE
7	ENE	S	E	NE	NE	ENE	33	44.1	73.4	92.3	242.8	9	-----	Cu.-N. NE	10	Ci. SE	Cu.-N. NE
8	ENE	S	E	NE	ENE	ENE	52.8	30.9	75.1	52.8	211.6	10	-----	N. ENE	10	-----	S.-Cu. ENE
9	W	W	N	NE	NE	NE	57.3	46.2	56.5	92.3	252.3	10	-----	N.	10	-----	N. NE
10	NE	NE	NE	NE	ENE	NE	111	127.1	134.2	117.2	489.5	10	-----	N. ENE	10	-----	N. ENE
11	NE	E	E	E	ENE	E	65.7	13.2	37	19.1	135	10	-----	S.-Cu. E	8	Ci. E	Cu.-N.
12	E	SE	SE	NE	NE	NE	32.8	26.2	60.7	63.6	183.3	10	-----	S.-Cu. E	4	Ci.-Cu.	S.-Cu.
13	N	NE	N	N	NE	NE	63.4	88.8	116.5	146.7	415.4	10	-----	N. NE	10	-----	N. NE
14	NE	NE	NE	NE	ENE	NE	141.8	143.5	119.4	88.3	493	10	-----	N. NE	10	-----	N. NE
15	NE	ENE	NE	NE	NE	NE	91.2	108.8	99.8	106	405.8	10	-----	N. ENE	10	-----	N. NE
16	NE	NE	NE	NE	NE	NE	128.5	141.8	155.1	152.3	577.7	10	-----	N. NE	10	-----	N. NE
17	NE	NE	NE	NE	NE	NE	120.7	125.8	128.4	110.8	485.7	10	-----	S.-Cu. ENE	10	-----	N. NE
18	NE	NE	NE	NE	ENE	NE	110.2	110.7	109.7	112	442.6	10	-----	N. NE	7	Ci. E	Cu.-N. NE
19	NE	NE	N	ENE	NE	N	106.2	78.7	55.5	49.1	289.5	10	A.-Cu. N	S.-Cu. ENE	8	A.-Cu. NE	Cu.-N.
20	N	SE	NE	NE	NE	NE	46.1	20.3	79.1	65.2	210.7	10	-----	S.-Cu. SE	10	Ci. E	Cu.-N. NE
21	NE	NE	NE	ENE	NE	NE	51.2	75.1	84.7	72.1	283.1	7	Ci. E	S.-Cu.	2	Ci. SE	Cu.-N.
22	S	NE	E	NE	NE	E	38.1	65.5	82.3	57.7	243.6	10	-----	Cu.-N. NE	10	A.-Cu. SE	Cu.-N.
23	NE	ENE	ENE	NE	NE	NE	89.5	95.8	97.6	107.8	390.7	10	-----	S.-Cu. ENE	10	-----	S.-Cu. NE
24	NE	NE	ENE	ENE	NE	E	100.3	106.2	91.5	83.1	381.1	10	-----	S.-Cu. NE	10	-----	S.-Cu. ENE
25	NE	NE	NE	ENE	NE	NE	-----	-----	149.2	161.4	-----	10	-----	S.-Cu. ENE	10	-----	N. NE
26	NE	NE	NE	NE	NE	ENE	150.3	142.2	137.1	90.4	520	10	-----	N. NE	10	-----	S.-Cu.
27	NE	SE	E	E	ENE	NE	96.9	45.1	79.9	79.2	301.1	10	-----	S.-Cu. E	10	A.-Cu. E	S.-Cu.
28	E	SW	SW	ENE	ENE	ENE	36.4	37.5	49.4	41	164.3	10	-----	S.-Cu. SE	10	-----	Cu.-N. ENE
29	E	SW	S	S	E	SE	17.9	15.1	61.5	23.6	118.1	7	A.-Cu. S	S.-Cu.	10	-----	S.-Cu. S
30	SE	SE	SE	NE	E	E	36.5	40	48.9	25.5	150.9	10	-----	S.-Cu. SE	9	-----	Cu.-N. SE
31	S	SE	S	S	NE	NE	22	100.4	-----	13.4	-----	0	-----	-----	1	-----	Cu.-N.
Mean	-----	-----	-----	-----	-----	-----	74.8	80.7	92.9	82.1	329.3	9.4	-----	-----	9	-----	-----

METEOROLOGICAL OBSERVATIONS MADE AT THIRD CLASS AND RAIN STATIONS DURING THE CALENDAR YEAR 1909.

ZAMBOANGA.

[ϕ=6° 54′ N; λ=122° 55′ E; barometer above sea, 7.1 meters; gravity correction not applied, —1.91 mm.]

Day.	JANUARY.									FEBRUARY.								
	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	56.20	54.50	23.7	26.2	ENE 1	S 2	NNE	SE	18.8	56.40	55.89	23.4	28.6	ENE 1	SSW 2	NE	S	
2	56.64	55.15	22.6	27.1	NNE 1	SSE 2	NE	SE		57.76	56.92	22.4	28.7	NE 1	E 2	N	ENE	
3	56.61	55.55	23.7	28	NE 1	EbyN 2	NE	ENE		56.76	56.46	22.7	27.8	NE 1	W 2	E	WSW	39.9
4	57.08	55.06	24.2	27.7	WNW 1	WNW 3	NE	NW		57.65	56.26	23	30.2	Calm	E 3	E	E	4.8
5	56.96	54.80	23.3	30.4	NNW 2	ENE 3	SSE	ESE		58.66	57.21	22.6	31.3	NNE 1	ENE 2	N	NE	
6	57.29	55.27	23.2	27.8	WNW 1	W 2	NW	WSW		59.02	57.42	21.3	29.9	NNE 1	EbyS 2	N	E	
7	57.40	55.74	23.4	29.4	N 1	EbyS 4	NNE	E	5.6	59.45	57.69	21	27.9	Calm	WbyS 2	E	WbyS	
8	58.31	56.45	23.2	28.4	NE 1	NE 3	E	WNW		60.67	58.84	23	28.4	ENE 1	EbyN 2	NE	NbyW	
9	58.38	56.90	23.2	29.9	ENE 1	E 2	NE	NE		60.30	58.34	23	29	N 1	W 2	NNE	WNW	
10	58.36	56.53	22.4	30.5	NNW 1	NEbyE 2	NW	NE	7.1	60.32	58.03	21.5	27.7	NNW 1	WbyS 4	NNW	WbyS	
11	58.38	56.95	24.5	29.3	NE 1	SW 2	ENE	SSW		59.53	57.23	22.7	28.2	EbyS 1	WbyS 2	E	WSW	
12	58.60	56.46	23.3	27.4	NNW 1	W 2	NNW	WSW		59.14	57.16	23.3	26.8	EbyS 2	W 2	ESE	W	.5
13	57.58	55.45	21	28.4	NNW 1	W 3	N	SW		58.58	56.34	22.2	29.6	Calm	EbyS 2	S	SEbyE	8.1
14	58.80	57.25	22.4	28.4	NNW 2	E 3	NNE	ESE		58.20	56.77	23.2	25.6	E 1	W 2	ENE	W	12.4
15	59.56	58.38	21.1	28.7	NNE 1	SSW 2	NNE	SSE		58.65	56.72	22.5	28.4	NNE 1	WbyS 2	N	WNW	
16	59.30	57.75	24	26.1	EbyN 3	WbyN 4	NNW	N		58.44	56.68	22.5	27.6	NNE 1	WbyS 4	N	WSW	.3
17	58.24	57.05	22.8	28.4	NE 1	SEbyE 3	NE	E		58.08	56.18	23	29.3	Calm	SEbyS 2	NW	S	4.3
18	59.36	57.48	22	29.7	N 1	W 2		WNW		58.24	57.10	23.4	29	ENE 1	EbyN 2	ESE	ESE	
19	59.30	57.79	22.8	29.9	NNW 1	SE 3	WNW	ESE		58.39	57.38	24	27	NE 1	SWbyW 2	NNE	SWbyW	5.3
20	59.81	57.79	23.2	29.6	NEbyN 1	SEbyE 2	NE	E	1.5	59.11	57.13	23	27.2	NE 2	W 2	E	WNW	
21	58.70	57.43	23.7	27.9	E 1	W 2	ENE	WSW	6.4	58.45	56.53	23.4	28	N 2	WbyS 2	NNE	WSW	4.3
22	58.64	57.03	24	28	ENE 2	WbyS 2	E	SW	5.8	59.10	56.72	22.7	28.6	Calm	SWbyS 3	NE	SSW	4.3
23	58.65	57.23	22.9	28.2	NW 1	SWbyW 2		WSW	7.1	58.76	56.64	23.2	28.5	Calm	WbyS 2	NNE	WNW	1.3
24	58.78	56.59	23.5	29.2	ENE 1	EbyN 3	ENE	ENE		58.59	56.94	23.5	27.6	NE 1	SSE 2	EbyN	SE	5.3
25	58.05	56.67	23.1	29.9	NE 1	SEbyE 2	NE	ENE		58.45	57.02	22.4	27.8	NW 1	WbyS 2	ENE	SWbyW	.3
26	58.74	57.21	23.4	29	NNE 1	WbyS 2	NE	WSW		58.38	57.04	22.2	29.5	NNE 1	SE 2	NE	ENE	
27	58.26	56.53	20.9	29.3	NWbyN 1	EbyN 2	NNW	E		58.40	56.42	26.4?	28.4	NNW 1	SEbyS 2	NNE	SEbyS	
28	58.46	56.42	22.3	27.1	NbyE 1	W 3	N	WSW		58.06	55.75	22.4	28.5	NEbyN 1	WbyS 0	E	SW	6.1
29	56.85	55.13	23.2	27.5	NW 1	WbyS 2	NNE	NW										
30	56.58	55.84	22.9	29.4	NEbyN 1	NE 2	NNE	ENE	5.6									
31	57.51	55.74	22.6	28.4	N 1	SSE 2	NNW	ESE										
Mean	58.11	56.46	23	28.6	1.2	2.4				58.63	56.96	22.9	28.4	0.9	2.1			
Total									57.9									97.2

Day.	MARCH.									APRIL.								
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	57.28	56.09	23.4	29	Calm	EbyN 2	NE	ESE		58.38	56.24	22.7	30.7	NbyE 1	E 2	NE	ENE	
2	58.00	56.32	22.1	29	NE 1	SSE 2	NE	SSW		57.43	56.22	23	29.4	NNE 1	W 2	E	SW	
3	57.88	55.91	22.3	29	N 1	W 2	NE	NW		58.18	56.11	22.7	28.8	E 1	SW 2	NNE	NNE	
4	57.61	55.58	23	29.5	NNE 1	SEbyS 2		SSW		58.28	56.44	25	30.2	NNE 1	SE 2	NE	E	
5	57.70	55.89	24	29.9	EbyN 1	SEbyE 3	SE	E		57.87	56.28	25	29	ENE 1	SSW 2	NE	NNE	
6	58.45	56.43	23.4	28.3	NNW 1	W 2	NE	NNW		57.26	56.35	25.4	27.4	NNW 1	ENE 1	NNE	ESE	
7	57.81	56.46	23	28	N 1	WbyS 2	NE	NW		57.65	56.23	23.5	27.8	NNW 1	WbyS 2	N	NNW	
8	57.19	56.12	21.3	28.6	NNE 1	SWbyS 2	ENE	S		58.20	56.22	22.9	29	N 1	WNW 2		NNE	
9	57.70	55.68	22.4	30	ENE 1	SEbyS 2		SE		58.48	56.34	22.9	28.9	N 1	SEbyS 2	NE	WSW	
10	57.33	55.64	22.5	28.3	WybN 2	W 2	NNE	SW		58.22	56.25	26.9	28.8	NNW 1	WbyS 2	NE	NNW	
11	56.83	55.29	23.3	29	NbyE 1	W 2		ENE		58.20	56.26	23	28.4	ESE 1	WbyS 2	N	WNW	
12	56.83	55.11	24	29.1	NNW 1	WbyS 2	NE	NW	1	59.02	56.72	26.9	28.9	N 1	WSW 2	NE	ESE	
13	57.12	55.68	23.5	28.6	NE 1	W 2	N	NW		58.49	56.25	23.1	28.9	NbyW 1	W 2	E	WNW	
14	58.07	56.82	22.9	28.7	NEbyN 1	SbyE 2	NW	ENE		57.82	55.80	24.8	28	W 1	WbyN 2		NNE	
15	58.68	56.61	22.5	30.3	NbyW 1	EbyS 2		NE		57.37	55.74	24.2	27.9	NW 1	WSW 1	WSW	WNW	1
16	58.35	56.58	23	29.5	NbyW 1	E 2	NW	NNW	2	56.55	55.43	23.9	28.4	NNW 1	SSE 2	NNE	WNW	
17	58.22	56.06	24.3	29	NE 1	SEbyS 2	NNE	NE		56.97	55.33	23.2	29.9	NNE 1	ESE 2	N	E	
18	58.00	55.69	23	30.7	NE 1	EbyN 2	NNW	NW		57.55	55.80	24.2	29.5	NNE 1	EbyS 2	ESE	ENE	
19	57.93	56.14	23.2	28.6	NbyW 1	W 2		N	.8	58.69	55.39	23.3	29	NW 1	WbyS 1	NNW	N	
20	58.08	56.15	22.5	28.7	NbyW 1	W 2	NW	WNW		57.37	55.88	25.6	28.7	NWbyW 1	W 2	NW	WNW	
21	56.33	55.23	22.4	29.2	NNW 1	NbyW 6		NNE	.5	58.11	56.29	23.5	29	NNW 1	WbyS 2		W	
22	57.21	55.16	22.8	30	NW 1	WbyS 6	NW	WNW		58.35	56.32	23.5	28.8	NNW 1	WbyS 2	N	W	
23	56.46	55.56	24.4	27.9	NNW 2	W 2	NNE	WSW	17.8	58.35	55.77	23.5	28.8	NWbyW 1	WbyS 2	N	W	
24	57.42	55.49	23.6	27.1	NW 1	SSE 2	WNW	ENE		57.92	55.67	24.1	30.8	NNW 1	SEbyE 2	NNE	ESE	
25	57.93	56.34	22.9	28.4	NNE 1	WbyS 2		NNW		57.51	56.08	23.9	29	NNW 1	WbyS 2	NNE	WNW	
26	58.74	56.49	22.9	30.4	NNE 1	NE 2	NE	NE	12.4	57.88	56.26	23.4	29.4	NNE 1	EbyS 2	NE	ESE	
27	59.41	57.20	23.8	29	WNW 2	ESE 2	SW	SE	2.8	58.10	56.25	24.9	28.2	WNW 1	WbyS 2	WNW	W	1.8
28	58.51	57.20	23.3	28.4	NNW 1	SEbyS 2	NNE	NNW	6.9	58.32	56.11	23.6	27.5	N 1	WbyS 2	NNE	WbyN	1
29	59.38	57.29	22.1	29	ENE 1	ENE 2	NNE	EbyN		57.59	55.86	24	28.6	NNW 2	WbyS 2	ENE	WSW	
30	58.95	57.29	23.4	30.3	NNE 1	E 2	N	ESE		57.83	56.20	24.4	28.4	NW 1	WbyS 2	NNW	W	
31	58.27	55.94	23.7	29.4	NNW 2	SEbyE 2		E										
Mean	57.86	56.11	23.1	29.1	1.1	2.3				57.93	56.07	24	28.9	1	1.9			
Total									44.2									3.8

ZAMBOANGA.

[φ=6° 54′ N; λ=122° 55′ E; barometer above sea, 7.1 meters; gravity correction not applied, —1.91 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.					*mm.*
1	56.96	55.46	23.2	30.2	WNW 1	SEbyE 2	W	ESE	------
2	57.44	55.46	23.5	29.9	NbyW 1	WbyN 2	N	NW	------
3	57.35	55.44	24.2	30.5	NNW 1	SSE 2	N	NNE	------
4	56.82	55.58	25	29.5	WNW 1	WbyN 2	------	WNW	------
5	57.03	55.45	24.4	27.8	NNE 1	SEbyE 2	NW	SE	------
6	56.67	55.73	23.6	29.6	NNW 1	WbyN 1	------	W	------
7	56.92	55.55	24.9	28.3	NNW 1	SE 1	NNE	NW	------
8	56.90	55.23	24.1	31	NWbyN 1	SEbyE 1	SW	ESE	------
9	57.27	55.38	24.8	30.6	NNE 1	SEbyE 1	NNE	SE	------
10	58.08	56.63	24.3	29	NNE 1	W 2	NE	WNW	------
11	58.63	56.62	24.9	27.7	NNE 1	W 1	NW	E	5.6
12	58.23	56.56	24	29.5	ENE 1	SSW 1	E	SW	.8
13	57.52	55.91	24.1	30.5	NbyW 1	SbyE 1	N	ESE	------
14	57.34	55.69	23.3	30.3	NNE 1	SEbyE 1	NE	ESE	------
15	57.99	56.07	24.3	29.6	NNE 1	SEbyE 1	NE	ESE	------
16	58.55	56.14	23.7	29.7	NbyW 1	EbyS 1	NE	NW	------
17	58.69	56.97	24.1	29.8	NbyW 1	W 1	SE	WNW	.3
18	59.43	56.94	24.5	28.7	ENE 1	NbyE 1	ENE	NE	------
19	59.13	57.20	24.7	26.8	NE 1	W 1	NE	WNW	14.7
20	58.25	56.20	24.5	30.1	NbyW 1	SE 1	NW	ESE	6.6
21	58.39	57.17	23.6	28.6	EbyN 1	SEbyE 1	NE	SSW	41.4
22	58.75	58.04	24	29.7	NEbyE 1	EbyS 1	E	SE	.5
23	60.03	58.79	24.1	28.6	NNW 1	SSW 1	NNE	S	------
24	59.05	56.96	23.6	28.4	NNW 1	WbyS 1	N	W	3.8
25	58.61	57.09	26.2	26.8	SbyE 1	W 2	S	WNW	1.5
26	58.18	56.66	24.5	28.3	NNW 1	SEbyS 1	NE	S	------
27	58.24	55.87	23.9	29.5	NNW 1	SbyW 1	NE	N	------
28	58.04	55.93	23.6	30.4	NNW 1	WbyS 1	NNE	WNW	------
29	57.89	55.63	25.4	29.4	WNW 1	WbyS 1	WNW	W	15.5
30	56.59	54.63	24.4	28.8	NEbyE 1	WNW 1	ENE	W	2.8
31	56.22	54.60	24.4	28.9	NWbyN 1	SEbyE 1	NW	E	4.1
Mean	57.91	56.18	24.3	29.2	1	1.2	------	------	------
Total	------	------	------	------	------	------	------	------	97.6

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.					*mm.*
1	56.33	55.59	24.4	28.4	NNW 1	SEbyE 1	NW	S	------
2	57.30	55.05	23.1	30.4	NNE 1	EbyS 2	NE	ESE	------
3	56.39	55.09	24.6	30.2	N 1	SEbyE 2	ENE	E	1.5
4	56.89	55.22	25.4	31.4	NEbyE 1	EbyS 2	N	E	------
5	56.94	55.32	24.8	29.6	NNW 1	WbyS 2	N	ESE	.3
6	56.87	55.89	24.2	29.6	NE 1	WbyS 2	------	WSW	1
7	57.41	55.64	24.6	29	NNW 1	ENE 2	NE	E	5.8
8	57.75	56.86	24.1	28.7	NE 1	ESE 1	ENE	ESE	1.8
9	58.04	56.48	23.8	29.4	ENE 1	W 1	E	SSW	------
10	58.44	55.48	23.9	30.3	NNW 1	WNW 2	NE	NW	------
11	57.34	55.58	24.4	29.5	N 1	NW 2	ENE	NNW	2.3
12	57.44	56.70	23.5	27.2	N 1	W 2	NE	NW	6.6
13	58.70	57.93	24.8	25.9	W 1	NE 1	W	NNE	2.5
14	59.15	57.69	22.6	28.8	NNW 1	ESE 2	ESE	E	------
15	59.17	58.21	24.7	27.8	N 1	WNW 2	NE	W	------
16	59.62	57.99	24.3	29.3	N 1	W 2	SSW	WNW	------
17	59.84	58.98	23	29.2	NNE 1	WSW 2	NW	SSE	2.5
18	60.13	58.48	23.8	29.3	NNW 1	W 4	W	W	------
19	59.39	57.96	24.3	29.2	NE 1	SSE 2	NE	SSW	------
20	59.31	57.08	25.8	29.5	WNW 1	EbyS 2	W	E	------
21	57.92	55.43	23.9	30	NNW 1	ESE 2	NW	SE	------
22	57.33	55.50	23.6	28.4	NE 1	SE 2	NE	SE	------
23	57.19	55.62	23.5	29.8	N 1	EbyS 2	NNW	ESE	7.9
24	57.34	55.30	------	------	E 1	SSW 2	ESE	SSE	.3
25	57.46	56.30	------	28	N 1	W 1	NNW	WNW	32.5
26	56.95	56.10	------	28.4	NNE 1	S 2	NNE	ESE	26.9
27	57.31	56.14	------	28.7	NNW 1	W 1	NW	ESE	2
28	57.27	57.07	------	26.9	NNE 1	SSE 4	SE	SSW	------
29	58.17	57.35	24	27	N 1	SSW 4	SSW	SSE	1
30	58.02	56.66	24.5	24.8	NW 1	NEbyN 2	N	N	2.3
31	------	------	------	------	------	------	------	------	------
Mean	57.88	56.46	24.1	28.8	1	2	------	------	------
Total	------	------	------	------	------	------	------	------	97.2

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.					*mm.*
1	56.83	54.76	24.5	28.3	NW 2	W 4	NW	WNW	11.2
2	55.87	54.82	24.4	27.9	NW 2	W 3	WNW	WNW	12.2
3	56.32	55.46	25.3	27.8	W 2	W 2	WSW	WNW	5.8
4	56.80	56.05	23.4	27.5	NE 1	SE 2	NE	ESE	------
5	57.64	55.37	23	28.7	NNW 1	WbyN 2	N	WSW	1.3
6	57.07	56.67	25.5	22.4	W 2	WbyN 7	WNW	WNW	4.6
7	56.74	55.73	23.5	25.4	N 1	W 2	WNW	NW	4.6
8	57.35	55.05	22.6	28.7	NNW 1	EbyS 2	NW	ESE	------
9	57.58	54.65	23.5	28.7	N 1	ESE 2	NNW	SE	------
10	57.32	55.14	23.7	29.6	N 1	W 1	NNW	W	------
11	56.60	54.69	23.4	29.1	NNW 1	W 1	NNE	NNE	------
12	56.08	55.52	24.5	29.2	NNW 1	W 1	N	WNW	------
13	57.55	56.40	23.4	29.3	NNW 1	EbyS 2	N	ESE	------
14	57.85	56.28	24.5	29.5	NNW 1	ESE 2	N	SSE	1.8
15	57.62	56.30	23.5	27	NNE 1	S 2	NNW	WNW	.5
16	57.84	56.20	23.9	28.4	NNW 1	W 2	WNW	NNW	------
17	56.92	55.56	23.5	28.2	NNW 1	W 4	NNW	WNW	20.3
18	57.71	56.04	22.8	27	W 1	W 4	WSW	WNW	2
19	58.62	58.77	23.9	24.7	NE 1	WSW 7	NNW	WSW	------
20	59.09	57.20	26	28.7	W 2	W 2	NW	W	------
21	57.90	57.95	23	26	N 1	WNW 2	WNW	W	3.3
22	58.26	56.78	------	28.1	NNW 1	W 2	NW	WNW	2
23	57.43	56.36	------	27	N 1	W 4	NNW	W	1.8
24	57.09	56.25	------	26.8	WNW 4	W 2	WNW	WSW	4.6
25	56.23	55.46	------	29	NNE 1	W 2	N	WNW	------
26	57.07	56.46	------	28.7	NNW 1	SE 2	W	WNW	------
27	57.79	56.47	------	29.5	N 1	W 4	W	W	------
28	57.04	54.44	------	29.4	NNW 1	S 2	WNW	WNW	------
29	56.44	54.74	------	30.1	W 1	S 1	WSW	WNW	------
30	58.28	56.72	------	28	NNW 1	S 2	NW	W	------
31	57.62	56.74	------	29.3	NNW 1	WbyS 4	N	WNW	------
Mean	57.31	55.97	23.9	28	1.3	2.6	------	------	------
Total	------	------	------	------	------	------	------	------	76

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.					*mm.*
1	57.66	56.39	------	29	NNW 1	W 4	NW	WSW	------
2	57.54	56.35	------	28	W 1	WbyN 4	W	W	1
3	57.25	56.36	------	27.1	N 1	NNE 1	NW	NW	1.8
4	57.65	57.16	------	26.9	W 1	W 2	WSW	W	------
5	59.10	57.21	23.2	29.1	N 1	N 2	NW	NNW	------
6	58.49	57.04	23.7	29.9	N 1	ESE 2	N	SE	------
7	57.48	56.64	24.7	29.8	N 1	SbyE 2	NW	SSE	.5
8	58.30	56.97	24.5	28.4	NbyE 1	SSW 2	NNE	NE	.8
9	59.20	58.86	24.5	25.9	NE 1	NW 2	NNW	NW	8.9
10	59.60	58.41	23	28.4	NE 1	SE 2	NNW	SW	------
11	59.32	58.33	23.2	27.4	NNE 1	SE 1	WNW	SSW	.5
12	58.44	56.31	23.4	28.1	NNW 1	W 2	SW	WSW	------
13	58.45	57.29	25	27.4	W 1	W 2	W	SW	.3
14	58.51	57.46	24	28.6	NE 1	SE 2	SE	SSE	------
15	58.87	56.77	23	28	NNW 1	W 2	SE	ESE	1.8
16	57.87	56.79	23.8	28.4	NW 1	W 3	NNW	W	.5
17	58.25	57.23	25.3	28.4	WNW 2	W 2	NW	WNW	7.9
18	59.25	58.61	24	22.6	NW 1	NE 2	WNW	NW	39.1
19	58.70	57.11	23.3	29	NNW 1	E 2	WNW	ESE	------
20	58.30	56.49	23.4	29.6	NW 1	ESE 2	WNW	ESE	1.5
21	57.11	55.59	24.5	29	NE 1	W 2	NE	W	8.6
22	57.90	56.01	23.5	28.7	N 1	ESE 2	ENE	ESE	------
23	57.22	55.40	24.3	28.8	NNW 1	W 2	NNE	ESE	------
24	57.43	55.62	24.8	28.4	NNW 1	W 2	NNE	WNW	11.2
25	56.51	56.06	23.4	27.3	NE 1	SSW 2	NNW	SW	------
26	57.05	54.91	24.5	29.4	NNW 1	ESE 2	NE	SE	.3
27	56.56	56.19	24.1	27	NNW 1	WSW 1	NW	SE	------
28	56.50	55.02	24.3	27.8	NNE 1	W 2	NNE	WNW	9.4
29	56.48	54.56	22.4	28.2	NNE 1	SE 2	WNW	SE	.5
30	56.60	56.09	24	28.5	N 1	W 2	WNW	SE	38.1
31	56.30	55.29	23	28.2	NE 1	W 2	NE	NNW	1
Mean	57.87	56.60	23.9	28.1	1	2.1	------	------	------
Total	------	------	------	------	------	------	------	------	133.7

ZAMBOANGA.

[φ=6° 54′ N; λ=122° 55′ E; barometer above sea, 7.1 meters; gravity correction not applied, —1.91 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.							mm.	mm.	mm.	°C.	°C.							mm.
1	56.27	55.23	23.8	27	NNE	1	W	2	SE	WSW	17	57.54	55.97	22.6	27.5	N	1	W	4	WSW	W	
2	56.75	55.47	24.5	27.3	WNW	1	W	2	NNW	WSW	11.2	58.01	55.45	24.7	28.4	W	2	W	4	SSW	WSW	
3	57.02	55.88	23.3	27.7	WNW	1	W	3	WNW	WNW	1.3	57.55	55.61	24.5	27.4	NNW	1	SWbyW	5	WNW	WSW	6.1
4	57.32	55.86	23.5	26.1	N	1	W	4	NNW	WNW	3	55.37	54.90	22.5	29.5	N	1	SE	2	NE	WNW	
5	57.07	56.36	23.2	26	NNW	1	W	2	NW	WNW	3.6	56.87	54.72	23.5	29.7	N	1	SE	2		S	
6	57.38	57.02	22.9	28.5	NNW	1	SE	2	NW	WSW		56.56	55.55	24	28.5	NNW	1	W	2	WNW	W	
7	58.01	56.31	24	29	NNW	1	WbyS	3	WNW	WSW				24.5	30.2	NE	1	ESE	2	ESE	ESE	
8	57.64	55.75	23.5	28.9	N	1	W	4	W	WNW				25	29.7	N	1	SSE	2	SE	S	11.2
9	57.86	56.06	24.5	29.5	NNW	1	W	2	WNW	WNW				22.7	26.7	NNE	1	N	2	N	NW	8.4
10	58.62	56.69	23.8	29.6	NNW	1	E	2	NW	NW				23.4	27.9	NNW	1	NW	1	N	WNW	.8
11	57.69	56.09	24	28.8	NNW	2	W	4	SSE	WNW				23.2	27.4	NNW	1	WbyS	2	WNW	WSW	.5
12	57.50	55.45	22.8	27.7	N	1	SbyW	2	NW	WSW				23.8	28.2	NNW	1	SSE	2	NE	ESE	
13	57.26	54.84	24.1	29.4	NNW	1	W	2	WSW	SSW				23.1	28.8	NNW	1	W	2	N	W	9.1
14	56.12	53.89	23.5	29.7	N	2	WSW	4	NW	WSW				22.6	28.2	NE	1	NNW	2	NNE	N	1.3
15	55.71	54.63	27	27.8	SWbyS	2	W	2	SW	W	13.5			23.5	29.2	NNW	1	W	2	NE	WSW	.5
16	56.23	54.67	26.6	29.5	SW	2	W	2	SSW	WNW				23	28.6	NNW	1	W	4	NNW	WNW	.8
17	56.75	56.41	24.5	25.5	N	1	W	2	N	W	9.9			26.7	28.9	W	1	W	3	WSW	W	
18	56.57	54.67	24.5	29.5	NE	1	SEbyE	2	ESE	E	.8			25.2	29	WNW	1	WbyN	4	SSE	W	
19	56.74	54.46	26.1	29.9	WNW	2	EbyN	2	WSW	E				23	29.5	NE	1	W	2	SSE	WSW	
20	56.86	55.65	24.4	29.6	NEbyN	1	ESE	2	ESE	ESE				23.8	29.2	NNW	1	WNW	2	NNW	WNW	.5
21	57.70	56.23	24.5	30.8	N	1	NNW	2	NE	NNE				24.7	25.7	NNE	1	NNE	1	NE	NE	7.1
22	59.05	56.47	24.7	29	NW	1	WbyN	4	NNE	WNW	1.5			25	26.5	NNW	1	W	6	NE	NW	21.6
23	59.10	57.66	25.5	24.4	WbyS	4	W	4	W	WSW	23.1			23.7	23.2	WbyS	1	NWbyW	2	W	NW	121.4
24	58.43	56.42	23.1	28	NNW	1	W	4	WNW	W	.5		57.22	24.8	25.2	W	2	W	4	WSW	W	14.7
25	58.40	56.17	24.7	27.5	W	1	W	2	SSW	WSW	3	59.17	57.23	25	27.2	WNW	1	W	4	WNW	WNW	
26	58.20	56.71	22.8	28.3	N	1	W	2	WSW	S		58.57	56.60	24.8	27.3	WNW	1	W	1	WNW	W	2
27	60.02	58.41	23.3	28.8	NE	1	W	2	NNW	W		57.04	55.64	23.8	28.4	NNW	1	SE	2	NNW	WSW	58.2
28	60.39	58.18	22.7	26.4	NE	1	NNW	1	NE	WSW	2.8	56.64	56.67	23.5	25.4	W	1	SSW	2	WSW	SSW	12.7
29	57.58	55.34	23.6	22.7	NEbyN	1	SbyE	2	NE	NE	14.2	58.09	56.48	23.6	27.7	NE	1	ESE	2	ENE	WSW	9.7
30	56.57	55.44	23.4	26.3	NNW	1	W	0	NNW	WNW	21.1	57.36	56.34	23.4	28	NE	1	SE	2	ENE	SE	12.2
31												57.93	56.70	23.2	29.4	N	1	E	2	NNE	ESE	
Mean	57.56	55.95	24.1	28		1.3		2.4				57.44	56.08	23.9	28		1.1		2.5			
Total											126.5											298.8

Day.	NOVEMBER.											DECEMBER.										
	mm.	mm.	°C.	°C.							mm.	mm.	mm.	°C.	°C.							mm.
1	58.82	57.27	24.3	27	NNW	1	WSW	2	NW	W	8.6	57.72	56.80	23	29	NNW	1	W	2	E	E	
2	58.42	56.71	23.6	27.6	NE	1	W	4	NE	W	8.9	57.52	55.70	23	28.8	NNW	1	W	2		ESE	
3	58.09	56.47	23	28.5	NNW	1	WNW	4	NNW	W		56.33		23.5		NNW	1			NE		
4	57.44	55.84	23.4	28.4	NNW	1	W	4	NW	W	1.3											
5	56.56	56.37	26	26	W	2	W	2	W	NE	2.3											
6	55.85	55	26.1	23.6	NbyW	4	WNW	4	WNW	WNW	19.6											
7	56.78	55.59	25	26	SWbyW	4	SE	2	WSW	SSW	1											
8	57	56.87	24.5	23.5	N	1	WSW	7	NNE	W	3.8											
9	58.12	57.70	23.1	26	NNE	1	WNW	2	E	W	2.3											
10	59.48	59.10	24.2	25.2	NE	1	WSW	4	NE	W	2.3											
11	60.09	58.60	23.3	27.4	NNW	1	W	4	N	NNW												
12	59.75	58.18	23.3	28.4	N	1	WSW	2	ENE	WSW		58.11	57.58	22.6	28.4	N	1	SSE	2	NE	NW	
13	59.14	57.98	23.5	28.4	NNE	1	WNW	2	NNE	WNW	2.5	58.37	57.49	23.5	26.4	NNE	1	NE	1	NNE	E	
14	57.32	55.99	24.5	24.7	NW	2	WNW	4	NNW	W	18.5	58.21	57.80	23.3	24	ENE	1	NE	2	E	ESE	12.4
15	56.21	55.54	23.4	25.7	W	4	NWbyW	4	WNW	WNW	40.4	58.86	58.05	23.2	28.9	ENE	1	W	2	E	W	5.1
16	56.98	55.79	23.4	29	N	1	W	2	ESE	W		59.33	57.69	21.4	26.9	N	1	SSW	1	N	NW	
17	57.07	56.04	24.1	30	N	1	SE	1	SSW	SSW		58.81	57.08	24.7	27.4	W	2	W	3	N	W	
18	58.08	57.20	24.6	27	WNW	2	WbyS	2	WSW	W	6.1	57.42	56.60	23.7	26.6	Calm		E	1	N		6.9
19	58.01	56.33	23.2	28.4	NE	1	SWbyW	1	NNE	WSW	3.6	57.32	55.85	25.1	26.4	ESE	1	WNW	2	N	NW	1.8
20	57.58	56.75	23	27.6	NNE	1	SSE	2	ESE	W		57.63	56.64	23.4	28.6	Calm		E	1	W	NW	1.5
21	58.47	57.55	22.8	27.3	NNE	1	W	1	W	ESE	.8	57.42	56.90	24.9	26.5	WNW	1	W	3	W	W	1
22	58.97	57.52	23	28.6	NNE	1	SSW	2	NE	SW		57.62	56.83	23	28.5	Calm		W	1	W	W	
23	58.42	56.92	23	28.5	NNE	1	SW	2	NE	ESE		58.74	58.43	22.6	28	Calm		W	2		W	
24	57.73	56.85	23.5	27.2	NNW	1	W	2	ENE	E		58.90	58.23	21.6	28.2	Calm		SSE	1			
25	57.73	56.93	23.3	26	N	1	W	2	NE	E	3.6	59.82	58.46	23.5	28.4	Calm		W	1		N	
26	57.17	55.94	23.2	30	NNW	1	E	2	N	NE		59.30	58.79	23.1	29.8	Calm		E	1		E	2.5
27	57.57	57.25	22.4	27	NNW	1	W	2	E	SE		60.40	59.72	23	28.4	Calm		W	2			
28	58.28	57.08	22.3	27.4	NNW	1	W	2	SE	E		60.40	59.47	22.5	29.6	Calm		SE	2			
29	57.84	57.57	23.4	28.4	NNW	1	W	2	NE	NE		60.16	59.08	22.8	28.6	Calm		SE	2			
30	58.37	56.78	23	28.5	NNW	1	SEbyE	2	E	NE		58.87	57.18	23.2	31	Calm		ESE	1	E		.3
31												57.81	56.13	22.5	30.6	Calm		E	1		NE	
Mean	57.91	56.86	23.6	27.2		1.4		2.6				58.48	57.57	23.2	28.1		0.5		1.6			
Total											125.6											

DAVAO.

[ϕ=7° 01′ N; λ=125° 35′ E; barometer above sea, 4 meters; gravity correction not applied, —1.91 mm.]

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds direction. 6 a. m.	Lower clouds direction. 2 p. m.	Rain, 24 hrs. beginning 6. a. m.
	mm.	mm.	°C.	°C.					mm.
1	59.53	57.75	21.4	31	Calm	Calm		E	
2	59.44	57.39	20.9	31.8	Calm	E 2		E	
3	59.13	57.52	23	31.6	E 1	Calm		SE	
4	60.56	58.02	23.5	29.4	Calm	W 2		E	
5	59.33	57.67	23.5	31.5	Calm	S 2			
6	58.84	57.87	24.5	32.5	Calm	SSW 1		W	17
7	58.19	56.13	24	32.5	Calm	SSW 1		N	
8	59.60	57.46	23.6	32.9	Calm	ENE 2		W	
9	59.53	57.89	21.8	30.9	Calm	SE 2		N	
10	59.56	57.24	21.9	31.8	W 1	Variable 2		NE	
11	59.73	57.18	22.5	33.3	Calm	NW 2	E	NE	
12	59.08	57.53	22	33.5	Calm	Variable 3		N	
13	59.02	56.45	22.1	34.5	Calm	N 2		W	
14	58.22	57.68	24	25.5	Calm	WNW 1	E		36.1
15	59.73	58.39	23.3	31.6	Calm	Calm			
16	58.21	56.52	22.2	32.4	Calm	SSW 2		E	
17	57.89	57.27	23.5	29.3	Calm	Variable 2	E	W	
18	59.38	57.10	22	31.9	Calm	NE 1		SE	
19	59.17	56.21	22.5	32.9	Calm	NE 2		N	
20	58.06	56.86	21.2	32	Calm	SE 1			
21	58.77	57.20	21.5	32.1	NW 1	SSW 2			
22	58.89	57.14	24	32.6	Calm	Calm		E	
23	58.75	56.58	24	33.1	Calm	NW 2		NW	
24	59.51	57.16	22.9	32.7	Calm	Calm			
25	58.95	57.26	23.7	32.2	NW 2	SW 1	E		
26	58.56	56.35	21.5	32.1	Calm	SW 2		SE	
27	57.98	56.17	24	33.5	Calm	Variable 3		E	
28	58.37	56.25	23.8	32.4	Calm	Variable 2		SSE	
29	57.68	55.93	24	33.8	Calm	E 3		N	
30	57.93	56.20	23.1	33.1	Calm	Calm		E	33.5
31									
Mean	58.92	57.08	22.9	32	0.2	1.5			
Total									86.6

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind direction and force (0–12). 6 a. m.	Wind direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.
1	57.78	56.35	22.9	31.5	Calm	S 1		ENE	
2	58.62	55.96	22.5	32.5	Calm	S 2		W	
3	58.26	56.40	23.9	31.4	NNW 1	Calm	SE	N	
4	58.60	55.85	23.2	34	Calm	NW 2		SW	33.5
5	58.39	55.90	24	33.9	Calm	SW 2		SE	
6	57	56.37	24.5	32.5	Calm	SW 2		SSE	21.1
7	57.62	56.09	23.5	31.1	WNW 1	S 1			15.7
8	57.08	55.75	23.3	33.1	Calm	Calm			30
9	58.55	55.51	24	33	Calm	SW 1		E	16
10	59.61	57.20	23.3	31.5	Calm	NNW 2			21.6
11	58.92	57.07	23.5	30	Calm	Calm			19.8
12	58.92	57.13	23.5	31.6	Calm	SW 2			
13	58.13	56.53	23.5	31.9	NNW 1	SSW 2		SSW	13.5
14	58.56	56.48	24	31.5	Calm	SE 1			14.2
15	58.48	56.52	23.6	31.8	Calm	Calm			22.6
16	58.66	57.38	24	31.9	Calm	S 1			
17	59.48	57.39	23.5	30.3	Calm	Calm		E	31
18	59.08	57.70	22.4	30.5	Calm	SW 1		SE	14.2
19	59.56	57.60	23.5	29.2	Calm	Calm	WSW		
20	60.03?	56.12	22.2	31.5	Calm	WSW 2			33.8
21	58.98	57.23	24	30.5	W 1	Calm			
22	59.11	57.81	23.1	31.6	Calm	SW 2			
23	59.91	57.46?	23.6	31.8	Calm	NW 2		NW	
24	58.72	57.75	24.3	31.5	NNW 2	Calm			
25	59.09	56.84	24.5	29.8	NW 1	SW 2		SE	23.6
26	58.25	56.52?	23.6	32.5	Calm	SW 1			
27	58.72	56.42	24.5	32.9	NW 2	Calm		E	
28	58.13	56.40	23.5	33	SW 1	Calm			
29	58.08	56.72	24	31	SW 2	Calm			
30	57.03	55.06	24	31.4	Calm	SW 1			
31	56.56	55.06	24	32.9	Calm	SSW 1			27.2
Mean	58.51	56.60	23.6	31.7	0.4	1			
Total									337.8

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds direction. 6 a. m.	Lower clouds direction. 2 p. m.	Rain, 24 hrs. beginning 6. a. m.
	mm.	mm.	°C.	°C.					
1	57.53	55.40	22.9	32.8	SW 2	SW 1			
2	57.70	55.55	23	33	Calm	SE 1			13.5
3	57.37	56.97	23.9	27	Calm	Calm	E		46.5
4	57.12	55.75	23.5	32.7	Calm	SW 2			
5	57.68	56.30	24.3	30	WNW 1	Calm			
6	57.33	55.56	24.7	32.5	ESE 2	SW 2		E	
7	58.03	56.49	23.6	30	Calm	SSW 2	E		
8	58.87	57.12	24.6	31.7	Calm	Calm		ENE	
9	58.99	57.10	22	32.1	Calm	SSW 1			
10	58.66	57.26	24	28.4	W 1	SW 2		SE	
11	57.71	55.53	22.8	32.4	W 1	Calm			
12	58.09	56.08	23.6	29.4	Calm	Calm			42.4
13	59.52	58.06	22.4	30.9	NW 2	SSW 2			
14	59.57	58.63	22.7	30.5	Calm	Calm		SE	39.9
15	59.36	57.63	23.5	31.9	Calm	SSE 1	E		32.3
16	59.41	58.31	23	31	Calm	Calm	SE	W	43.9
17	60.42	58.92	22.9	29.1	Calm	WNW 1			
18	60.31	58.77	24	30.3	SE 2	Calm			
19	58.79	57.92	22.5	32.2	NW 1	WNW 1			
20	59.03	57.81	23	29.6	SW 1	WSW 1			
21	58.23	57.37	22.8	30.9	Calm	SW 1			
22	57.60	56.55	23.1	30.3	Calm	Calm			15.7
23	57.63	55.46	22.6	31.2	Calm	SW 1			
24	57.35	55.52	23	32.1	W 1	SSW 1			23.6
25	59.46	57.35	23.4	26.6	S 1	SW 1			57.1
26	58.10	56.91	23	31.6	Calm	SW 1			28.2
27	59.21	57.04	23.9	28.7	Calm	Calm			17 ?
28	59.15	57.29	23	29	NW 1	Calm			
29	59.38	56.92	23.5	30.5	Calm	SSW 1			40.9
30	58.08	56.32	23.1	31.3	Calm	Calm			13.5
Mean	58.49	56.93	23.3	30.7	0.5	0.8			
Total									414.5

This station was temporarily closed during the months of January to March.

DAVAO.

[ϕ=7° 01′ N; λ=125° 35′ E; barometer above sea, 4 meters; gravity correction not applied, —1.91 mm.]

JULY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.
1	56.37	54.77	23.1	31.2	Calm	NW 1			22.4
2	56.18	55.09	22.8	29.2	SW 1	WSW 1			27.7
3	56.42	55.37	23.8	29.4	NW 1	Calm	SE		
4	56.94	56.16	23	27.9	W 1	Calm			
5	57.01	55.22	23.6	30.3	Calm	W 2			25.9
6	57.13	56.68	23.5	28.5	Calm	S 1			10.9
7	57.74	56.79	23.4	28	NW 2	Calm			13.5
8	58.20	56.84	22.8	29.5	Calm	S 1		SSW	
9	59.07	56.52	22.5	30.8	Calm	S 0			
10	59.48	57.11	23.9	28	Calm	Calm			18
11	57.61	56.28	24.5	30.9	Calm	S 2	E		25.7
12	57.99	56.13	23.2	30.6	NW 1	SW 1			17.8
13	58.33	57.59	22.9	29.5	W 1	Calm			
14	58.78	57.16	22.8	30.9	Calm	SSE 1			
15	58.56	56.83	22.4	30	Calm	S 2			
16	58.49	56.79	21.6	31.1	Calm	NW 1		NW	
17	58.10	56.38	23	30	Calm	S 1			31
18	58.14	57.45	23.4	28.5	W 1	Calm			24.4
19	58.83	57.88	22.8	29.7	Calm	Calm	E	SE	
20	59.13	57.39	22.5	30.5	NW 1	SW 1			
21	58.43	56.87	22.5	30.5	Calm	Calm			
22	58.13	56.89	22.9	31	Calm	S 2			
23	58.43	55.88	22.5	31	Calm	SW 1			
24	57.53	55.67	23.9	30.8	NW 1	SW 1			38.4
25	56.45	55.29	22.5	30.4	Calm	SW 2			
26	57.43	56.22	23	30.5	Calm	Calm			
27	58.32	56.80	22.7	29	Calm	Calm		SW	44.4
28	57.32	55.94	22.4	30.4	Calm	NW 1		NW	
29	56.91	55.93	24.5	31.4	Calm	Calm			
30	59.11	57.22	22.5	30.5	Calm	S 2			
31	58.72	57.53	23.1	29.9	Calm	W 1			
Mean	57.91	56.47	23	30	.3	.8			
Total									300.1

AUGUST.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.
1	58.76	56.18	21.5	30.6	Calm	Calm			
2	57.74	56.84	22.6	29.7	Calm	S 2		S	25.9
3	57.95	56.69	23	30	W 1	Calm			
4	57.99	57.26	23	30.9	SW 1	S 2			
5	59.42	57.74	23.5	30	S 1	SW 1			
6	59.71	58.87	23	30.6	Calm	S 2			21.8
7	59.61	57.81	23.7	31.4	Calm	S 1			
8	59.07	57.32	23.1	30.7	Calm	S 2		S	38.9
9	59.56	58.43	23.7	31.5	Calm	S 1			
10	59.97	58.33	23	30.6	SW 1	Calm			
11	59.66	57.63	22.2	31	Calm	SSW 1			
12	58.54	56.51	23.1	31	SW 1	S 2			21.6
13	59.67	58.25	22.8	28.3	Calm	Calm			
14	59.95	58.73	23.1	29.9	Calm	S 2		S	
15	59.21	57.24	21.7	29.9	SW 1	Calm			21.6
16	58.09	56.37	22.9	30.5	Calm	S 1		S	24.4
17	58.17	56.87	21.5	30.3	SW 1	Calm		S	14.2
18	59.43	58.29	23	28.5	SW 1	S 2	S	S	
19	59.94	57.79	22.1	29	Calm	Calm			
20	58.63	56.94	22.5	29	W 1	S 1			
21	58.65	57.04	22.8	25.2	Calm	Variable 3		NE	12.7
22	58.39	56.46	22.5	30.3	S 1	SW 1			
23	57.39	56.10	21.1	30.9	Calm	Calm			
24	57.35	56.05	22.6	32.7	Calm	SW 1			17
25	57.93	57.49	24	24.8	NW 1	NW 1			94
26	57.47	56.13	21.5	31.5	Calm	Calm			
27	58.15	56.83	22.6	31.4	Calm	SSW 1			
28	57.55	56.78	22.8	26.5	NW 1	Calm			
29	57.55	56.46	22.5	30.5	Calm	Calm			
30	57.48	56.39	22.5	28.7	NW 1	S 2		S	
31	57.50	56.11	21.8	31.7	NW 1	S 1	NW		
Mean	58.60	57.16	22.6	29.9	.5	1			
Total									292.1

SEPTEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.
1	57.34	55.66	23	31.3	Calm	S 1			19.3
2	57.28	55.53	23.5	29.4	Calm	Calm	ENE		56.4
3	57.45	55.91	22.7	27.5	Calm	S 2		SW	
4	57.89	55.85	23.1	32	Calm	S 2		W	41.1
5	57.48	55.83	23.4	29	NW 1	S 1		S	
6	57.65	55.82	23	29.8	S 1	Calm			
7	57.43	56.31	24	30	Calm	Calm			
8	57.93	56.23	24.5	30.2	Calm	S 1			
9	58.14	56.37	23	31.3	NW 2	S 2			27.9
10	58.47	56.23	23.9	30.6	Calm	S 1			43.9
11	58.33	56.27	23	31	S 2	SSW 1			
12	58.28	55.51	22.6	32.3	Calm	Calm			67.8
13	57.53	55.11	23.9	30.2	Calm	Calm			15
14	56.33	54.16	23.5	32.3	NW 2	S 1			
15	56.02	54.91	23.4	30.5	NW 2	Calm		NNW	
16	57.15	55.59	22.5	29	SW 1	Calm			
17	57.39	56.42	23.6	30.5	Calm	Calm			34
18	57.83	56.22	22.5	30.1	Calm	S 1			
19	57.15	56.17	22.8	30.4	NW 2	WSW 1			
20	58.13	56.75	23.7	31	Calm	Calm	S		17
21	58.84	57.28	22.5	30.7	Calm	Culm			
22	58.97	57.91	23	30.3	WNW 1	S 1			32
23	59.32	58.12	24.7	26.1	S 1	Calm			
24	58.58	57.59	22.1	30	Calm	Calm		S	
25	58.48	56.32	22.5	32.3	Calm	Calm		S	
26	59.27	57.86	22.9	32.5	Calm	NW 1	S		76.2
27	60.94	58.97	22.1	29	Calm	NW 2			47.5
28	61.40	58.03	23	27.3	SW 2	NW 2	S	NW	
29	57.60	55.90	22.5	31.4	Calm	NNW 2			
30	57.57	55.14	22.6	30.5	Calm.	SSW 2			
31									
Mean	58.07	56.33	23.1	30.3	.6	.8			
Total									478.1

OCTOBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.
1	58.07	56.78	22.5	30	SW 2	Variable 3			
2	59.68	56.86	21.9	30.5	Calm	Variable 3		S	
3	58.96	56.66	23	30.8	Calm	Variable 3			
4	58.15	55.68	23	30.5	Calm	S 2			
5	57.53	55.78	22.5	30	Calm	SW 2		SW	
6	57.78	56.20	23.5	31.6	Calm	SSW 2			14.5
7	59.21	57.19	23.8	29.5	SW 2	NW 2			21.8
8	58.88	57.24	23.5	29	Calm	Calm		SW	19.3
9	59.03	56.67	22	29.5	Calm	S 2		S	
10	58.28	56.37	22	31.5	Calm	SSW 2		SSW	33.5
11	57.93	56.47	23.3	31	Calm	S 2			
12	57.88	56.54	24	30.3	Calm	Calm		S	43.9
13	59.62	55.54?	22.7	32.3	Calm	NNW 1		NNW	53.3
14	57.53	55.03	22.6	31.5	Calm	NNW 2		N	2.3
15	56.43	54.89	22.7	29.5	Calm	NW 1			
16	56.59	54.07	22.9	30.5	Calm	NW 1		NW	
17	55.78	54.21	23	27	Calm	S 1		S	
18	56.43	54.61	22.9	30.5	Calm	Calm			
19	56.23	54.73	22.6	32.4	Calm	SW 1			
20	56.98	55.23	23.5	32.5	S 1	Calm		NW	49
21	59.07	56.30	23	31.5	NW 1	Calm			21.3
22	57.83	55.45	23.4	31	Calm	NW 2		NW	39.4
23	57.38	56.42	23.5	30	Calm	NW 1	NW	S	27.9
24	58.17	56.32	24	29.5	SW 2	Calm	SW		
25	58.59	56.65	24.3	31	NW 1	WNW 1		WNW	
26	58.45	55.80	23.5	31	SW 1	Calm			14.2
27	56.98	53.81	23.5	25	NNW 1	NW 1	NW	NW	95.8
28	57.77	56.30	23.1	29	Calm	Calm	NW	WNW	26.7
29	58.45	56.32	23	30.5	S 2	Calm			
30	57.90	55.99	22.5	32	NW 2	Calm			
31	58.33	56.40	22	32.5	NW 1	Calm			
Mean	57.93	55.89	23	30.4	.5	1.1			
Total									462.9

DAVAO.

[ϕ=7° 01′ N; λ=125° 35′ E; barometer above sea, 4 meters; gravity correction not applied, —1.91 mm.]

Day.	NOVEMBER.									DECEMBER.								
	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	58.08	56.47	23.8	30	Calm	NW 1	NW	NNW		58.01	56.33	22	30.3	Calm	Variable 3		NW	10.9
2	58.21	56.22	23.5	29.2	NNW 1	SSW 1	NW		13	57.31	56.01	22.2	30.4	WNW 1	Variable 2		NW	
3	57.37	55.70	22.6	30	Calm	SW 2			18.5	56.84	54.22	23.5	29.6	NW 1	NNW 1		NNW	
4	57.43	55.62	22.7	29.2	NNW 1	NNW 1	NNW		14.2	55.04	53.48	22	28.1	Calm	NW 1		NW	
5	55.47	54.45	23.9	29.3	Calm	Calm				56.23	54.43	23	25.3	NW 1	NW 1	N	NW	13.5
6		56.49	23.5	29	Calm	NW 2	NNW		10.9	56.16	54.75	22.9	26.3	Calm	WNW 1	NW	WNW	
7	57.68	55.82	23.5	30	Calm	S 2		S		56.18	54.57	22.5	27.5	Calm	Calm		SW	14.7
8	57.93	55.65	23.5	31	Calm	NW 2				55.90	54.81	23	30.8	Calm	NW 1			
9	58.08	57.25	23.7	31	Calm	NW 2		NW	21.8	57	55.25	22.6	29.2	W 1	Calm			
10	59.50	57.94	23.2	27.8	Calm	NNW 1	NNW	NNW		57.38	56.15	22.5	30.5	Calm	W 2			
11	58.98	58.03	22.5	29.6	NNW 1	Calm				57.59	55.53	22.5	30.6	NW 1	Calm			8.6
12	59.75	57.05	22.5	30.9	NW 2	N 2				57.48	55.82	23	27	NW 2	WNW 1	SW		10.4
13	58.45	56.53	22.5	29.4	NNW 2	Calm	NNW			58.47	56.53	23.9	30	Calm	W 2	NW	W	5.6
14	56.11	53.57	22.8	30.4	NW 1	NNW 1				58.43	56.86	22.5	30.6	WNW 1	NW 1	NW		7.9
15	56.17	55.46	24	30.1	Calm	NW 1				58.94	57.21	21.9	30.6	Calm	WNW 2		NW	
16	57.09	55.12	23.1	31.2	NW 1	NNW 1		NNW		59.38	56.70	22.5	29.2	Calm	WNW 2			
17	57.47	55.76	23	30.5	Variable 2	Calm				58.15	56.04	22.6	28.4	NW 2	NNW 1			
18	57.83	55.80	23.6	31	Calm	NW 2				56.25	53.33	22.6	23.7	Calm	NW 3		NW	19.3
19	58.09	55.86	22.5	30.9	NW 1	W 2		NW	26.7	51.64		23	26	Variable 6	NNW 1	E	NNW	3.8
20	58.31	55.72?	22	31.5	NW 1	NNW 1		NNW	50	56.10	54.75	20.5	28.7	Calm	NW 2			
21	58.78	57.10	22.5	31	Calm	Variable 3	NW	WNW	13.5	57.15	55.54	20.4	29	NW 1	Calm		S	
22	59.33	57.11	22.5	30	NW 1	WSW 1		N		57.35	55.96	22.4	30.3	Calm	WSW 2			
23	58.51	56.22	22.9	31.2	Calm	Variable 2		N		58.57	57 .	21.5	31	W 1	WSW 1			
24	58.25	56.16	22.5	31.5	NW 1	NW 1		N		59.69	57.56	21.9	31.1	SW 1	Calm			
25	58.04	56.04	23.5	31.3	Calm	NW 2		N		59.69	58.32	21.6	30.7	Variable 2	Variable 2	NW	NW	
26	57.30	55.77	21.8	30.6	Calm	NW 1		NW		60.16	58.87	22.5	31.5	Calm	NW 1		N	18.5
27	57.50	56.29	22.5	31.4	WNW 1	WSW 1				60.16	58.26	22	30.3	NW 1	Variable 3	E	N	21.1
28	58.58	56.94	22.5	26	NW 1	Variable 2	NW	NW		61.23	59.02	21.5	30.6	Calm	Calm			
29	57.63	56.55	23.5	29.3	NW 2	NW 1	NW			60.59	58.71	21.9	29	Variable 2	Variable 1		N	
30	58.90	56.85	23.1	30.1	NNW 2	Variable 5	N	N	17	59.93	58.52	22.8	29	Calm	NW I	E		32
31										58.58	55.93	22.6	29.1	Calm	Calm	NW	N	
Mean	57.96	56.18	23	30.1	.7	1.4				57.79	56.22	22.3	29.2	.8	1.2			
Total									185.6									166.3

BUTUAN.

[ϕ=8° 56′ N ; λ=125° 32′ E ; barometer above sea, 2 meters ; gravity correction not applied, —1.88 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.							mm.	mm.	mm.	°C.	°C.							mm.
1	58.42	56.40	23.6	26.4	SSE	2	SSW	2	------	E	17.3	59.22	57.44	20.4	27.5	SSE	1	N	3	------	------	------
2	58.41	56.63	22	27.6	Calm		N	2	------	------	------	59.17	58.10	22.7	27.1	SE	1	NW	1	NW	E	12.7
3	58.41	57.03	23.1	27.6	SSE	3	NNE	2	------	E	.8	58.08	57.13	22.4	26.7	SE	2	NW	2	E	E	10.2
4	58.54	56.59	23.2	28.5	N	1	N	3	------	E	------	59.38	58.85	23.4	28.8	SE	1	N	1	EbyN	E	------
5	58.17	56.49	21.9	26.8	SSW	1	S	2	EbyN	E	3.3	61.61	59.96	19.2	28.3	S	1	NW	2	------	E	------
6	57.97	56.64	22.7	27.8	NNW	1	NE	2	ENE	E	6.9	61.09	59.41	21.7	29.8	NNW	1	ESE	5	EbyN	Variable	.5
7	58.01	57.20	23.5	27	S	1	SW	2	E	EbyN	4.8	61.31	60.20	21.5	26.3	E	1	SW	1	ENE	E	3
8	58.96	57.03	21.8	28.1	E	2	NNE	2	E	E	.3	62.25	60.30	21.8	26.6	SE	2	SW	2	------	E	20.3
9	59.98	58.78	21.6	27.6	ESE	1	N	2	ENE	ENE	6.4	62.09	59.83	21.1	28.1	NE	1	NNW	3	------	ENE	10.2
10	60.62	58.86	22.6	26.9	S	1	N	2	E	E	------	62.13	60.14	22	25.7	SSE	1	S	2	NE	NW	23.6
11	59.45	57.95	21.8	28.5	NNE	2	ESE	3	E	E	1	61.43	59.45	22.4	25.4	SSW	1	NW	2	E	NWbyN	12.4
12	59.45	57.48	21.6	28	S	1	NW	3	EbyN	Variable	------	61.25	59.38	22.5	25.1	N	1	N	1	NW	NW	26.4
13	59.10	56.72	21	28.2	SE	2	NNW	3	------	------	------	61.05	58.88	22.3	26.9	NE	1	S	2	E	NEbyE	.3
14	59.53	58.43	21.1	27.7	ENE	1	NW	3	------	NE	------	60.08	58.29	21.5	26.4	ESE	1	SE	2	SEbyS	E	.8
15	60.59	59.32	22.2	23.9	Calm		NW	3	NbyE	NNW	12.4	59.60	58.92	23.1	25.1	SSE	1	N	1	E	E	15.2
16	60.85	59.21	22.1	27.5	Variable	1	NNW	3	NbyE	N	------	59.71	58.80	22	25.5	S	1	SSW	2	EbyN	E	21.1
17	59.84	58.06	19.5	26.9	WSW	1	NNW	3	WSW	E	------	59.78	58.08	22	26.3	S	1	NW	1	E	E	1.3
18	59.19	58.40	20.4	25.5	Calm		NW	1	S	E	7.9	59.40	58.29	23	27.1	ESE	2	S	2	E	ESE	4.3
19	60.25	59.28	23.1	29.7	S	2	N	3	------	E	------	59.73	58.32	23.9	28.2	Variable	2	NW	2	E	NE	2.8
20	61.02	59.30	23.4	27.6	ESE	1	S	1	ENE	ESE	1	60.02	58.83	23.4	27	SE	1	SE	3	------	------	1.3
21	60.35	59.99	23	25.4	ENE	1	E	1	ENE	ENE	12.7?	59.93	57.84	23.4	25.8	S	3	NE	1	------	E	8.9
22	60.34	58.17	21.6	27.7	NE	1	N	2	ENE	E	25.4	60.22	58.30	22.5	28.3	Calm		ENE	1	------	E	------
23	59.68	59.15	24.1	24.6	SSW	1	SSW	1	ENE	ENE	8.6	59.69	58.18	22.5	26.7	S	3	SW	2	E	EbyS	19.3
24	59.58	57.58	22.4	27.5	S	4	SE	3	EbyN	ESE	.3	59.52	57.83	22.5	29	S	1	SE	2	E	Variable	.3
25	59.32	58.11	23	28.4	SSE	2	N	2	E	Variable	------	59.76	58.08	21.6	30.5	SE	1	NNW	2	------	EbyN	------
26	59.84	58.45	21	28.5	SE	1	N	2	------	SEbyS	.3	60.34	58.58	20.5	29.5	ESE	1	W	1	NEbyE	Variable	------
27	59.30	58.50	21.6	26	S	1	S	1	EbyN	EbyS	6.6	60.10	58.23	22	29	SE	2	NNW	3	ENE	E	------
28	59.16	56.77	23	28.5	SSE	2	N	2	ESE	Variable	24.1	59.30	58.26	22.5	25.6	SE	2	NW	1	EbyN	ENE	9.1
29	58.04	56.77	23.5	26.7	SE	1	E	3	------	NE	2.5	------	------	------	------	------		------		------	------	------
30	58.50	57.44	23	25.2	W	1	SW	1	------	NEbyE	8.1	------	------	------	------	------		------		------	------	------
31	58.67	57.76	22.8	27.5	ESE	1	N	2	ENE	ENE	2	------	------	------	------	------		------		------	------	------
Mean	59.34	57.89	22.3	27.2		1.3		2.2	------	------	------	60.26	58.71	22.1	27.2		1.3		1.9	------	------	------
Total	------	------	------	------	------		------		------	------	152.7	------	------	------	------	------		------		------	------	204

Day.	MARCH.											APRIL.										
	mm.	mm.	°C.	°C.							mm.	mm.	mm.	°C.	°C.							mm.
1	59.14	58.09	20.6	27	NNE	1	NNW	2	EbyN	NEbyE	------	60.29	58.51	22.3	30	SE	2	SE	2	------	Variable	------
2	59.27	58.13	21.5	29.2	SE	2	W	2	EbyN	EbyN	------	60.20	58.76	21.6	31.5	NE	1	ESE	4	E	Variable	------
3	59.63	58.45	20	28.1	ESE	1	N	1	E	E	------	60.53	58.73	21.2	30.1	ENE	1	NW	2	------	------	------
4	59.54	57.63	22.3	29.6	W	1	NNE	3	ENE	EbyN	0.8	60.26	58.62	23.8	28.3	NW	1	N	2	EbyN	E	6.6
5	60.23	58.47	21.7	29.5	E	1	N	3	EbyN	E	------	59.92	58.94	24	27.4	Variable	1	NNW	2	E	SW	7.4
6	60.32	58.88	22.2	28.5	Variable	1	N	3	EbyN	E	3.8	59.83	58.04	23.9	30	ESE	2	NW	4	SE	Variable	------
7	59.84	58.20	20	28.6	E	1	WSW	1	------	E	------	59.06	57.88	22.5	29.7	E	1	NW	3	------	E	------
8	58.95	57.54	21.8	28.6	NW	1	NW	2	ENE	Variable	.3	59.74	58.08	23	29.6	Variable	1	S	2	S	Variable	------
9	58.96	57.27	21.1	28.3	SE	1	NW	3	ENE	E	------	60.25	58.33	22.2	31.5	ESE	1	S	3	E	E	------
10	58.42	57.37	23.1	28.3	SE	2	NW	2	ENE	ENE	------	60.07	58.18	22.2	30.4	SE	2	SE	2	------	Variable	------
11	58.01	56.93	23	27.4	SE	2	N	2	------	ENE	------	59.80	58.26	22.5	30.6	SE	2	NW	4	SE	E	------
12	57.77	56.61	22	28	NNE	1	ESE	2	EbyN	NEbyN	.5	60.31	59.06	21.3	30.1	NE	1	NNW	3	SE	E	------
13	58.30	57.19	20.6	29.6	SE	2	N	3	EbyN	NE	------	59.93	58.63	21.2	27.4	Variable	1	N	2	E	E	.8
14	59.22	58.73	21.7	27.7	N	1	NW	2	ENE	NE	.3	59.50	58.09	23	27.6	S	3	S	3	EbyS	EbyS	13.2
15	59.59	59	23.4	26.5	SE	1	NE	1	E	NE	1.3	59.32	56.92	23.5	29.2	SE	3	N	2	------	Variable	8.6
16	59.54	58.38	22.5	26.5	Calm		NNE	2	------	NNE	2.5	58.72	57.77	23.9	26.3	SSE	3	Variable	1	------	SE	3.6
17	59.30	57.71	21.6	26.8	NW	1	NW	3	NE	------	------	58.76	57.52	23.5	30.5	SE	2	N	1	------	E	5.1
18	59.08	57.49	22	29	Variable	1	NNW	3	S	ENE	------	59.58	57.92	22.4	30	SE	2	N	2	SE	------	21.1
19	59.33	57.67	22.5	28.9	Variable	1	NNW	4	NE	NEbyE	------	59.88	57.36	21.8	30.2	ESE	1	NW	4	------	Variable	------
20	58.30	56.89	23.4	25.4	WNW	1	NW	5	NWbyN	NW	60.2	58.93	57.04	22.6	31.5	SE	2	NW	4	SEbyS	E	------
21	56.58	55.83	23.1	26.6	NW	2	NW	5	NWbyN	NWbyN	9.7	59.37	57.53	23	30.6	S	3	S	3	S	E	------
22	57.25	56.17	27.2	27.9	NNW	1	NNW	4	NW	NNW	------	59.93	57.32	24.1	30	S	2	S	2	SE	Variable	------
23	57.47	55.58	28.5	31	S	3	S	3	SE	Variable	3.6	59.68	57.16	23.5	31.4	SE	3	S	2	SE	E	------
24	58.62	56.88	24.5	27.4	SE	3	Variable	1	------	SSE	7.9	59.45	57.48	23.9	32.5	S	3	Variable	2	------	EbyS	------
25	60.25	58.12	23.7	29.6	SE	2	NW	4	------	Variable	.8	59.37	57.56	21	32.5	NE	1	Variable	2	------	E	------
26	61.19	59.02	23.6	30.7	SE	2	NNE	2	------	NE	------	59.63	57.69	23.2	27.4	SE	2	Variable	1	E	EbyS	------
27	61	59.57	23.5	28.7	NE	1	SW	1	NEbyE	E	5.1	59	57.06	23.6	30.4	SSE	3	NW	2	------	Variable	.5
28	61.23	59.61	------	------	------		------		------	------	2.5	59.02	56.70	22.8	32.8	SE	2	Variable	1	------	E	------
29	------	------	------	------	------		------		------	------	10.9	58.50	56.81	24.4	31.6	S	2	NNW	3	------	Variable	------
30	60.92	58.90	23.4	29.5	NE	1	NW	3	EbyN	E	------	58.44	57.05	23.2	29.9	SSE	2	NW	4	------	E	------
31	60.33	58.43	23	29.9	S	3	NW	2	------	E	------	------	------	------	------	------		------		------	------	------
Mean	59.25	57.82	22.7	28.4		1.4		2.6	------	------	------	59.58	57.83	22.8	30		1.9		2.5	------	------	------
Total	------	------	------	------	------		------		------	------	110.2	------	------	------	------	------		------		------	------	66.9

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[1] The barometric readings of this station seem to be about 0.30mm too high.

BUTUAN.

[ϕ=8° 56′ N; λ=125° 32′ E; barometer above sea, 2 meters; gravity correction not applied, —1.88 mm.]

MAY.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p .m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	58.25	56.43	24.4	33.7	SE 3	S 3	------	E	1
2	58.44	57.84	22.5	26	ESE 1	Calm	------	E	21.1
3	59.02	56.76	23.6	32.1	SE 3	S 2	------	Variable	------
4	58.34	57.08	24.6	29	ESE 2	N 2	SE	E	------
5	58.33	56.18	23.7	31	E 2	WNW 3	E	E	------
6	57.38	56.61	23.6	26.6	NNE 1	NNE 2	NW	Variable	------
7	57.71	56.76	24.9	29.5	Variable 2	NW 2	SbyE	Variable	------
8	57.85	56	24.5	31	S 2	SSW 2	------	Variable	25.1
9	58.27	57.31	24.4	28.8	SSE 2	N 2	------	Variable	3.6
10	59.43	58.29	23	27.3	SE 2	E 1	------	------	------
11	59.29	58.18	23.2	28.5	ENE 1	NNW 3	------	Variable	5.8
12	59.65	57.42	24.2	31.6	ENE 1	S 3	E	E	.3
13	58.60	57.11	23.9	32	SE 2	NW 3	SE	E	------
14	58.59	58.12	24.3	27	E 2	E 1	------	Variable	.3
15	59.03	56.92	22.6	32	E 1	NNW 3	------	Variable	------
16	58.73	58.54	25.5	27.4	SE 1	E 1	E	SbyW	11.2
17	59.48	58.24	24	28.8	S 2	NNE 2	S	Variable	8.1
18	59.73	58.21	23	29.7	S 3	NW 1	S	Variable	.5
19	59.83	58.57	24.2	29.5	SE 1	NW 1	------	E	.3
20	58.71	57.80	23.5	26.7	ESE 2	N 1	SE	Variable	7.6
21	59.09	57.63	23.9	31.5	SSE 2	S 4	ENE	E	------
22	59.79	58.26	23.3	31.7	E 1	S 3	------	Variable	------
23	60.93	59.27	22	31.8	S 1	NW 3	------	E	------
24	60.05	57.99	23.6	31.8	E 1	NW 3	------	SE	------
25	59.11	56.74	25.1	32.9	SE 2	S 2	------	Variable	4.6
26	59.04	57.37	24.7	29	SE 2	NW 3	SEbyS	Variable	4.3
27	59.35	57.32	23	32.2	Variable 1	NW 3	------	Variable	------
28	58.59	57.16	24.4	31.1	S 2	ENE 2	------	Variable	------
29	58.34	57.82	25	28.6	S 2	SE 2	NE	NE	2
30	57.32	55.60	24.1	33.8	SE 2	S 3	------	EbyS	------
31	57.18	55.68	23.5	34	SE 1	S 3	------	Variable	1.8
Mean	58.82	57.39	23.9	30.2	1.7	2.2	------	------	------
Total	------	------	------	------	------	------	------	------	97.6

JUNE.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	58.42	56.74	22.6	32.3	ESE 1	Variable 1	------	Variable	0.8
2	58.34	56.73	23.5	29	ESE 1	ENE 1	------	Variable	7.4
3	57.81	56.91	25.1	29	S 3	S 2	------	Variable	1.5
4	57.83	56.70	24.3	33.9	ESE 1	S 3	------	Variable	------
5	57.78	57.42	24.6	27.2	E 1	S 3	E	SSE	8.1
6	57.85	56.50	24.3	32.4	S 3	S 3	------	EbyS	------
7	58.35	57.53	24	30	S 2	S 3	------	Variable	39.6
8	58.75	57.68	24.5	28.5	S 2	S 2	ESE	------	.3
9	59.48	57.45	23.3	34.2	SE 1	S 2	------	E	------
10	59.05	58.82	22.7	24.9	E 1	Variable 1	------	EbyS	11.4
11	58.31	57.46	22.3	28.5	ESE 1	S 1	------	------	18.5
12	58.32	58.14	23	26.1	ESE 1	N 1	------	EbyS	36.3
13	60.05	58.51	23.7	31.4	S 1	N 2	E	Variable	------
14	59.59	58.54	22.1	30	ENE 1	S 4	------	------	------
15	59.59	58.86	24	30.5	SSW 1	NNW 2	------	Variable	20.6
16	59.94	59.02	22.6	28.5	S 1	N 2	------	Variable	------
17	60.44	59.83	23.5	27.4	S 1	NW 1	SbyW	SbyW	6.1
18	60.70	59.40	24.8	29	S 3	NW 2	S	SW	------
19	60.20	58.79	23.1	31.8	ESE 1	NW 3	------	SSW	------
20	59.42	58.51	24.4	28.5	ESE 2	NE 1	N	------	------
21	58.81	56.91	23.4	29.9	ESE 2	NNW 2	------	Variable	------
22	58.18	56.57	23.8	30.2	Variable 1	SE 3	NNW	Variable	42.7
23	58.25	56.72	23.1	27.6	NNW 1	S 2	------	Variable	1.3
24	58.24	56.78	23	31.1	Calm	SE 2	------	EbyN	------
25	58.57	56.75	24.4	32.6	NE 1	S 3	------	Variable	41.4
26	59	57.48	23.4	30	S 3	NE 4	------	Variable	5.1
27	59.20	57.13	23	28.5	S 3	SE 2	E	E	1.3
28	58.29	57.48	23.5	29.9	S 3	N 2	------	EbyS	.3
29	59.39	57.53	24	33	E 1	NNE 1	S	E	1.3
30	59.07	57.57	22.6	29.2	S 1	NNW 3	E	Variable	1.8
31	------	------	------	------	------	------	------	------	------
Mean	58.91	57.68	23.6	29.8	1.5	2.1	------	------	------
Total	------	------	------	------	------	------	------	------	245.8

JULY.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p .m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	57.55	56.31	23.6	25.5	Variable 1	Variable 1	SSE	Variable	16
2	56.73	55.76	22.5	27.6	Variable 1	E 1	------	Variable	4.3
3	57.42	56.17	23	29.1	Calm	SE 1	NE	Variable	.3
4	58.06	57.03	24.5	26.8	NW 1	NNW 1	E	Variable	7.9?
5	57.69	56.03	24	30	W 1	SE 3	S	Variable	1.3
6	57.41	56.62	24	28.3	SE 2	NW 4	------	Variable	46.5
7	58.25	57.55	23.5	27.7	NNE 1	NW 2	Nw by w	Variable	------
8	58.96	57.71	23.6	28.2	S 2	NNW 2	------	Variable	.3
9	59.50	57.07	23.5	30.3	SSE 2	NNW 2	------	------	------
10	59.42	57.39	23.7	28.2	ESE 2	S 3	E	------	------
11	58.12	56.83	24.1	29.5	SE 1	N 1	------	------	1
12	57.99	56.27	23.8	28.7	Variable 1	NW 2	w by N	Variable	1.5
13	59.05	57.56	23	30	SSE 2	S 2	------	Variable	------
14	59.25	58.14	24.5	27.2	SE 2	E 1	------	Variable	2.5
15	59.34	58	23.5	26.2	Variable 1	S 1	S	NE	2.8
16	59.22	58.35	22.9	25.3	NNE 1	NW 1	NWbyN	NW	4.8
17	57.92	56.93	22.5	30	SE 1	NNW 2	------	Variable	6.1
18	58.21	57.33	23.3	28.8	NE 1	S 3	------	------	------
19	59.55	58.64	23.4	29.8	SE 2	NNW 3	ESE	NNW	21.1
20	59.59	58.96	23.5	28.5	SW 1	N 5	E	NNW	------
21	58.94	57.75	23	29.8	SSW 1	NNW 4	W	------	
22	58.55	57.33	23.8	30.1	ESE 1	NNW 5	NE by E	Variable	------
23	58.52	56.87	24.2	30.2	SE 2	N 3	SSE	Variable	1.8
24	58.04	55.94	24.4	29.2	Variable 1	N 3	------	Variable	12.7
25	56.64	55.76	23	29.7	ESE 1	NNW 4	------	------	.3
26	57.50	56.50	23.6	31	ESE 2	NNW 3	------		
27	57.86	57.01	24.2	30	S 3	NNE 2	------	SW	------
28	57	55.02	23.4	30.8	SE 2	N 2	------		------
29	56.74	55.31	24.5	33	S 2	S 1	------	Variable	4.6
30	58.89	57.50	23.5	31	S 3	NNW 5	------	------	------
31	59.05	58.35	24	30.5	SE 2	NW 4	------	SE	------
Mean	58.29	57.03	23.6	29.1	1.5	2.5	------	------	------
Total	------	------	------	------	------	------	------	------	135.8

AUGUST.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	59.05	57.83	23.5	30.3	ESE 2	NNW 4	------	Variable	0.3
2	58.15	57.01	24.4	30.1	S 2	N 2	S	E	3.3
3	58.55	56.82	23.5	29.5	SE 1	NW 3	------	Variable	.8
4	58.39	57.56	22.7	29.9	Variable 1	NNW 4	NW	Variable	------
5	59.44	58.28	24.4	30.6	SE 2	NW 4	SE	Variable	------
6	59.58	58.11	23.5	31.1	SSE 2	NW 4	------	Variable	3.3
7	59.67	57.53	23	31.8	SE 2	SSE 3	Nw by w	Variable	43.2
8	60.07	58.11	21.6	30.2	SE 1	NNW 3	------	Variable	------
9	59.99	58.91	24	31	SE 2	NNW 3	S	Variable	18.8
10	60.83	58.87	23	30.5	Variable 1	NNW 3	S	Variable	9.7
11	60.49	58.39	22.8	28.6	ESE 2	NNW 2	SE	Variable	.8
12	59.62	56.85	23	30.9	SE 1	NW 3	------	Variable	------
13	59.52	58.41	23.9	30.5	SE 2	NNE 2	SSE	Variable	3.6
14	60.23	59.42	24	26.9	S 2	NNW 3	NE	Variable	------
15	60.02	57.97	22.6	28.6	SE 2	NNW 3	S	S	------
16	58.65	57.16	24.1	28.3	SE 2	W 3	------	Variable	------
17	58.62	57.91	22.5	28.6	SE 2	N 2	------	Variable	.5
18	59.69	58.96	24.5	27.5	SE 2	N 1	E	S by E	3.3
19	60.54	58.61	22.8	29.3	SE 2	N 2	------	SSE	------
20	59.31	57.11	23	31	SSE 3	SE 3	------	Variable	11.7
21	58.47	57.21	23.5	28.6	SSE 3	S 3	------	E by N	.1
22	58.90	58.06	22.9	24.7	E 1	SE 2	------	------	2
23	58.72	56.96	23	29.9	Calm	NNW 3	E	Variable	2.3
24	58.10	56.81	23.7	29.5	SE 2	SSE 2	------	N	35.8
25	58.07	57.28	22.5	25	SE 1	ESE 1	------	------	5.3
26	58.34	56.23	22.1	30	SE 1	SE 2	------	E	------
27	58.61	56.61	23.3	31.4	SE 1	SE 2	------	Variable	14.7
28	58.50	56.48	23.6	29.9	SE 2	N 2	------	Variable	9.4
29	57.94	56.55	24	27	SE 2	Variable 1	E	Variable	16
30	57.65	57.05	23.5	26	ESE 1	S 1	SSE	ENE	3.6
31	58.08	56.06	23.1	31	SE 3	S 2	------	Variable	------
Mean	59.09	57.58	23.3	29.3	1.7	2.5	------	------	------
Total	------	------	------	------	------	------	------	------	188.5

BUTUAN.

[ϕ=8° 56′ N; λ=125° 32′ E; barometer above sea, 2 meters; gravity correction not applied, —1.88 mm.]

Day.	SEPTEMBER.										OCTOBER.									
	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.		Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.			6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		
	mm.	*mm.*	°*C.*	°*C.*					*mm.*		*mm.*	*mm.*	°*C.*	°*C.*					*mm.*	
1	57.81	56.93	23.8	25	SE 2	SE 1		S	35.3		58.40	56.65	23	28	SSE 1	W 2	NW	SbyW	9.1	
2	57.71	56.63	23.3	28.2	Calm	NW 1		Variable	1.5		58.72	56.53	23.5	28.1	SE 3	ESE 1		SSW	1.5	
3	58.05	56.54	23.1	28.6	SE 1	NW 3		Variable	6.4		58.51	56.95	24	26	SSE 2	Calm	WSW	SW	2.5	
4	58.55	56.66	23.1	29.7	Calm	NNW 5		Variable	1.3		58.06	55.20	23.6	29.5	SE 1	NNE 1	W			
5	58.10	56.58	24	28.5	NE 2	NNW 5	NW	NW	1		57.46	55.48	24	29.7	SE 2	NW 3		WSW		
6	57.97	56.76	23.6	29.6	S 2	NNW 4	E				57.43	56.61	24.5	30.5	SSE 2	NW 3	WSW			
7	57.97	56.68	23.9	29.3	E 1	N 2	NW				59.43	56.91	24.8	31.6	ESE 1	SE 2			29.2	
8	58.09	56.76	24	29	Variable 1	N 2			3.6		59.60	58.11	23.5	27.7	S 2	NW 1		NNW		
9	58.62	56.47	23	30.4	ESE 1	NW 2	E				59.82	57.65	23.9	27.6	Variable 1	N 1		NW	26.7	
10	58.90	57.08	24.4	30.5	SE 1	NW 3					59.37	56.31	23.2	28.7	E 1	NW 3	NW	E		
11	58.64	56.76	22.7	29.6	E 1	NNW 3					58.06	56.03	23.6	31.4	S 3	SSE 2	S	Variable	3.3	
12	58.08	56.09	24.7	29.5	ESE 1	NW 4	SSE	Variable			59.38	57.15	24	30.2	Calm	NW 3	SE	Variable	2.8	
13	57.64	55.33	23.5	30	SE 1	NW 3		Variable			59.48	57.36	22.6	28.6	E 1	NNW 3	NW	Variable		
14	56.52	54.58	23.5	30.5	ESE 1	NNW 3		ENE			58.47	56.13	23	29	S 1	NW 3	N	E	.3	
15	56.07	55.13	23.5	29.7	SE 2	NW 3	SE	Variable			57.06	55.22	23.6	29.5	E 1	NW 3				
16	57.60	55.53	24	30	E 1	WNW 2	NW		4.8		55.83	54.23	22.1	29.5	Calm	N 3				
17	57.61	57.38	24	26.5	SE 2	N 1	NW	NWbyN	.5		55.42	53.72	24	30.1	SE 1	NW 2		SW		
18	57.72	56.27	23.5	29.5	SSE 3	SSE 2			.3		56.64	54.63	23.8	30.8	ESE 2	NW 3		SSW		
19	57.71	56.62	24.5	29.6	S 1	NW 2		Variable			56.75	55.96	24.5	28.7	SSE 2	N 2		N	5.1	
20	58.74	56.55	23	32.4	S 2	SE 2		Variable			58.50	56.60	24.6	29.6	SE 1	NW 3		NWbyN		
21	59.21	56.96	24	32.9	SE 2	SE 2		E	4.1		59.83	57.43	24.4	30	E 1	NNW 3	NbyW	E	.3	
22	60.04	58.12	23.1	28.4	E 1	N 1	NW	Variable	5.8		59.15	56.61	24.5	29.1	Variable 1	NNW 3	NbyW	NW	.8	
23	60.40	58.57	23.8	23.5	SSW 2	Calm		NW	46.2		57.29	55.86	24.6	29.6	ESE 1	Variable 1	WNW			
24	59.23	57.48	22.6	29.4	Calm	NW 2		Variable	5.1		58.66	56.74	24.8	30.4	ESE 2	ESE 1			.8	
25	58.98	56.94	23	29.2	E 1	NNW 3	SSE	Variable			60.01	57.56	24.6	26.9	SSE 1	SE 2		Variable	14	
26	59.95	58.43	23.2	29.6	ESE 2	NNW 3		Variable	3.3		59.33	56.98	24.1	26.7	ESE 1	SE 1	NE	WNW	6.4	
27	61.78	60.30	23.6	28.7	Calm	NNW 3		NW	1		57.97	56.35	23.4	25.1	Calm	N 1		NE	11.2	
28	61.62	58.40	23.5	26.5	S 1	Variable 2			9.1		58.07	56.58	24.4	29	SE 3	SE 3				
29	58.17	55.17	23.5	27.4	S 1	NW 3	NW	NNW	.5		58.96	56.75	24.5	30.1	SE 1	Variable 2	SSE	EbyS	24.4	
30	57.60	55.58	23	29.1	E 1	N 2		E	.5		59.16	56 76	23.6	28.4	S 2	N 3		Variable		
31											59.07	56.98	22.6	30.1	SE 2	Variable 2		Variable		
Mean	58.50	56.78	23.5	29	1.2	2.5					58.38	56.39	23.8	29	1.4	2.1				
Total									130.3										138.4	

Day.	NOVEMBER.									DECEMBER.								
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	59.28	57.21	24	28.4	ESE 1	NNW 2		NW	32.8	59.08	57.48	23	27.1	ESE 1	WNW 2	ENE	Variable	18.5
2	59.40	56.84	23.8	28.8	E 1	NNW 2	E			58.45	56.53	23.3	27.1	S 1	NW 1	SEbyE	ENE	2
3	58.65	56.57	23.1	28.1	ESE 1	NNW 3	N	NWbyN	2.3	57.14	55.10	23.2	27.8	ENE 1	NW 2	NEbyN	NbyW	
4	57.56	55.69	24	25.2	NE 1	NW 2	NEbyN	NW	40.6	55.97	54.46	21.6	26	Calm	NNW 2		NNW	2.3
5	56.64	53.85	24	23.5	Calm	E 1	WbyN	WbyS	244.9	56.25	55.34	24.2	25.6	Variable 1	W 2	N	NWbyN	2.3
6	53.86	53.22	22.5	25.8	SE 1	SE 1		WSW	29.5	57.43	55	22.4	26.2	E 1	NW 4	NNW	NbyW	22.4
7	57.60	55.13	23.6	29.4	SE 2	SE 3	S		21.3	57.11	55.60	22.9	27	ESE 1	N 3	SE	N	13.2
8	58.45	55.58	24	29	SE 2	SE 2		E	81.3	57.12	55.39	23	28.2	ENE 1	NW 1		E	1.8
9	58.97	58.03	23.1	28	Calm	NNW 1		NE	.8	57.71	56.55	22.6	27.5	S 1	E 1		SbyW	
10	60.68	58.45	23.1	26.6	E 1	N 1	NbyW		15.2	58.10	55.91	23.5	29.1	SE 2	E 1		ENE	9.1
11	61.34	58.90	23	26.9	N 1	NW 3	N	NW	1.8	58.11	56.79	23	28	ESE 1	N 1			.3
12	60.24	58.18	23	26.5	ESE 1	S 1		E	1	58.61	57.03	22.6	27.7	E 1	N 1		SbyW	
13	59.32	57.79	23.1	27.4	S 1	NW 3	NbyW	NNW	35.8	59.28	57.55	22.5	28.1	Calm	NNW 2	N		
14	56.10	53.59	23.5	27.5	SE 1	N 5	NW	NW	1.5	59.19	58.03	23	26.2	E 1	SE 1		Variable	4.1
15	56.32	54.94	23	28.6	S 1	NW 2			.8	59.65	58.16	21.6	28.3	SE 1	NNW 3		E	
16	58.12	55.41	24.1	30	ESE 1	SE 1	WSW	N	17.5	60.84	57.99	23.1	27.6	ESE 1	NW 3	N	N	3.8
17	57.75	56.18	23.5	27.5	ESE 2	SW 2		SW	.3	59.14	57.41	23	26.1	Calm	N 2	W	NNW	9.9
18	58.35	56.64	23.5	28.1	E 1	NW 3	NWbyW			57.13	54.19	23.4	23	Variable 2	NW 6	NNW	NW	316.7
19	58.55	56.61	24	27.5	ESE 2	N 1	SE	E	.3	53.21	53.61	23	22	NW 8	SW 3	NW	W	205.5
20	58.85	56.56	23.7	29.5	SE 2	N 2		E	1.8	56.48	54.99	23	26	N 1	NNE 3	NW	NbyE	
21	59.45	57.46	23.6	28.9	SE 2	ENE 1	SSE	Variable	7.4	56.87	55.58	22	28.5	ESE 1	N 2		SSW	
22	59.89	57.46	23.5	28.7	SSE 2	SE 2		Variable		57.25	55.70	23	29.5	Variable 1	WNW 3		Variable	
23	59.25	57.13	22.9	27	ESE 1	ENE 1		E	8.4	59.27	57.76	23	28.5	SSE 1	NW 4	NbyW	S	
24	59.25	57.04	23.1	27.6	ESE 1	ENE 1		Variable	6.6	59.50	58.37	22.9	28	SE 1	NW 3	SbyW		
25	58.84	57.04	23.2	29.2	E 1	NNE 2	ESE	Variable	3.3	60.31	58.53	22	28	Variable 1	NW 3			1
26	58.70	56.54	22.5	28.7	ESE 1	N 2	ENE	E	29.7	60.73	58.74	23.4	28.3	Variable 1	N 2	E	Variable	2.3
27	58.58	56.75	22.5	27.8	ESE 1	SE 1		E		61.60	60.03	23.5	26.7	Calm	SE 1	E	EbyS	3.8
28	59.82	58	22.6	26.4	Calm	SE 2			.3	61.64	60.13	22.5	26.5	Calm	S 2	E	S	5.1
29	59.16	58.30	23.4	28.1	ESE 2	ENE 1		E		61.51	59.23	22.4	28.4	ESE 1	ESE 2	SE	E	
30	59.69	57.33	23.5	28.8	ESE 1	ESE 3	ENE	E		60.20	57.68	23.2	28.7	SSE 2	ESE 3	E	E	7.4
31										59.22	57.07	23.5	27.4	SSE 3	SSE 3	E	E	5.1
Mean	58.62	56.61	23.3	27.8	1.2	1.9				58.52	56.84	22.9	27.2	1.2	2.3			
Total									585.2									636.6

MAASIN.

[ϕ=10° 08′ N; λ=124° 50′ E; barometer above sea, 7.3 meters; gravity correction not applied, —1.85 mm.]

Day.	JANUARY. Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.							mm.
1	58.46	56.30	24.4	28.1	N	1	SW	2	NE	N	8.1
2	58.29	56.62	23	27.5	N	1	SW	2	NE	N	------
3	58.07	57.10	23	29.1	N	1	E	3	E	NE	------
4	58.12	56.44	24	28.6	N	1	SW	1	NE	NE	------
5	57.78	56.06	23	27.6	N	2	SW	2	E	NE	------
6	57.74	56.63	24	26.6	NNW	1	NW	1	E	NE	23.4
7	57.38	56.91	24	27.6	N	1	W	2	N	N	4.3
8	58.71	57.29	23	28.4	N	2	SW	1	SE	NE	------
9	59.68	58.60	22.5	28.8	N	1	SW	1	S	NE	------
10	60.13	58.87	23	26.7	N	1	NE	1	NE	N	------
11	59.67	58.11	22.8	28.8	N	1	E	4	N	E	------
12	59.14	57.31	22.8	28.4	N	2	SW	2	------	N	------
13	58.68	56.84	22.1	27	N	1	SSW	1	E	E	------
14	59.23	58.42	22	27.1	N	1	SW	2	------	NW	12.2
15	60.37	59.42	22.8	25.5	N	1	E	1	NE	E	------
16	60.49	59.30	22.4	28	N	1	N	3	SE	S	------
17	59.59	57.90	21	27	N	1	SW	1	E	N	------
18	59.62	58.35	23.6	27.4	N	1	SW	2	E	NE	------
19	59.74	59.13	22.6	28.8	N	1	E	2	SE	NE	4.6
20	60.70	59.52	23.6	26.6	N	1	NE	1	E	N	5.1
21	60.67	59.53	22.8	28.3	N	1	E	2	NE	E	------
22	59.94	58.35	22.5	28	N	1	SW	3	SEbyS	N	------
23	59.39	59.20	25.6	27.3	NE	3	E	4	NE	NE	8.1
24	59.43	57.50	23.4	28.8	N	1	E	5	N	E	?
25	59.07	58.19	23	28.4	N	1	E	5	E	E	------
26	59.87	58.60	22.6	28.5	N	1	NW	1	S	NW	------
27	58.85	58.09	22	28.6	NNE	1	NW	1	E	NE	------
28	58.78	56.96	23.5	26.6	N	1	E	2	E	E	------
29	58.02	56.72	23.8	26.7	N	1	NE	1	NE	NE	24.1
30	58.02	57.35	23.8	25.3	N	1	NNW	1	NE	NW	6.6
31	58.24	57.70	24	28	N	1	NE	3	NE	NE	------
Mean	59.09	57.85	23.1	27.7		1.2		2	------	------	------
Total	------	------	------	------	------		------		------	------	[1]96.5

Day.	FEBRUARY. Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.							mm.
1	58.53	57.50	20.8	27	N	1	SW	2	E	N	------
2	58.84	57.97	20	27.4	NNW	1	SW	2	N	NE	------
3	58.09	57.37	23	27	N	1	NE	1	NE	------	------
4	59.09	58.99	24	29	N	1	E	3	E	NE	------
5	60.90	59.79	21.9	29.4	N	1	N	3	E	NE	------
6	60.70	59.89	24	29	N	1	E	4	E	NE	64.3
7	61.37	59.99	22.8	29.2	N	1	NE	2	NE	NE	53.3
8	61.87	60.46	22.2	24.8	N	1	NE	1	NE	E	31.5
9	61.87	60.01	22	27.1	N	1	E	1	SE	N	------
10	61.80	60.06	21.4	28.3	N	2	NE	2	NE	E	------
11	61.17	59.09	23.5	27.4	N	1	SSW	2	NE	N	------
12	60.75	59.20	23.6	25.5	N	1	SE	1	N	NE	16.3
13	60.42	58.85	22.6	26.6	N	1	SW	2	NW	SE	17.5
14	59.87	58.30	22.4	27.5	N	1	E	4	E	E	------
15	59.44	58.39	23	24.6	N	1	NNE	1	E	NE	22.4
16	59.11	58.18	22.8	26.8	NNW	1	SW	2	NE	NE	41.7
17	59.48	57.98	22.6	28.1	N	1	E	3	SE	NE	18
18	59.17	58.28	24.2	26.1	N	2	ENE	2	SE	E	4.1
19	59.04	58.29	23.2	28.6	NNE	1	ESE	3	S	SW	------
20	59.16	58.25	23	28.6	N	1	SW	2	E	W	------
21	59.46	57.98	23.4	28.7	N	1	NE	3	NE	N	20.1
22	59.42	58.01	22.6	29.5	N	1	NE	2	E	N	------
23	59.46	57.99	23.7	29.2	N	1	NE	2	NE	N	------
24	59.12	58.10	23.2	29.3	N	1	E	4	E	E	------
25	59.59	58.36	23.8	29.7	N	1	E	5	E	E	------
26	59.97	58.70	24.9	29.4	N	1	E	6	NE	E	------
27	59.79	58.35	23	29.6	N	1	E	5	E	NE	------
28	58.48	57.52	21.9	29.7	N	1	ENE	2	------	E	------
29	------	------	------	------	------		------		------	------	------
30	------	------	------	------	------		------		------	------	------
31	------	------	------	------	------		------		------	------	------
Mean	59.86	58.64	22.8	28		1.1		2.6	------	------	------
Total	------	------	------	------	------		------		------	------	289.2

Day.	MARCH. Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.							mm.
1	58.92	57.48	22.8	30.5	N	1	E	2	E	E	7.1
2	59.14	58.19	23	29	N	1	NE	3	NE	NE	------
3	59.49	58.24	22.6	30.2	N	1	NE	2	E	NE	------
4	59.19	58.06	22.5	28	N	1	W	1	S	N	------
5	59.79	58.58	22.1	29.5	N	1	NE	2	E	NE	------
6	60.04	59.07	24	31	N	1	NE	4	E	NE	------
7	59.27	58.40	22	27.8	N	1	SW	2	SSW	NE	------
8	58.77	57.70	24.1	27.5	N	1	SW	2	E	N	------
9	58.87	57.57	22.2	27.5	N	1	SW	2	E	NE	------
10	58.24	57.36	23.2	27.5	N	1	SW	3	E	NE	------
11	57.89	56.95	22.6	26.6	N	1	SW	1	E	NE	------
12	57.74	56.67	23	26.1	N	1	SW	1	E	SW	------
13	58.02	57.24	22.5	27.8	N	1	SW	2	E	NE	------
14	58.92	58.41	23.5	27	N	1	SW	1	E	E	7.1
15	59.33	58.61	23.1	27.6	N	1	ENE	3	S	NE	------
16	59.27	57.92	23.4	28.5	N.	1	E	2	NE	E	45.5
17	58.89	57.54	23.5	28	N	1	E	1	NE	NE	------
18	58.54	57.44	22	28.1	N	1	SW	2	E	N	------
19	58.82	57.75	22.8	28.3	N	1	SSW	1	E	N	------
20	58.37	57.12	23.8	25.6	N	1	N	1	NE	NE	16.3
21	56.31	55.22	23.2	27.9	NW	1	NW	3	N	NW	33
22	56.62	55.62	24.5	26.8	NW	1	NW	1	NW	NW	62
23	57.09	56.22	23.8	27.5	E	3	E	2	E	E	24.6
24	57.73	57.08	25.4	28.6	SE	2	E	1	NE	NE	------
25	59.54	58.55	23.6	29.6	N	1	E	2	E	E	------
26	60.62	59.15	24	29.3	N	1	NE	2	S	NE	------
27	60.61	59.61	24.7	29.6	N	1	E	4	E	E	------
28	60.90	59.65	23	30	N	1	E	2	NE	E	------
29	60.46	59.62	23.4	27.5	N	1	W	1	E	E	24.4
30	60.28	58.73	22	30	N	1	E	3	S	E	------
31	59.99	58.30	24.2	29	N	1	ENE	3	E	NE	------
Mean	58.96	57.87	23.2	28.3		1.1		2	------	------	------
Total	------	------	------	------	------		------		------	------	220

Day.	APRIL. Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.							mm.
1	60.37	58.95	24.5	28.8	N	1	NE	1	NE	E	------
2	59.59	58.84	23.2	30	N	1	E	4	NE	E	------
3	60.09	58.35	23.6	31	N	1	NE	2	NE	W	------
4	58.77	58.10	24.2	28.3	N	1	W	1	E	N	------
5	59.92	58.30	24.8	28.5	N	1	SW	2	NE	SW	------
6	59.48	57.81	22.1	28.4	N	1	SSW	1	S	E	------
7	58.67	57.95	23.5	28.5	N	1	S	1	SE	E	------
8	59.37	57.98	22.8	29.2	N	1	E	4	SSW	N	4.1
9	59.94	58.35	28.6	29.6	N	1	E	4	SSW	SW	------
10	59.60	58.44	26	29.6	NE	2	E	5	NE	N	------
11	59.67	58.25	24.2	32	N	1	E	3	------	NE	------
12	60.13	58.98	23.4	31.5	N	1	SE	2	E	------	------
13	59.72	58.21	25.2	28.1	N	1	SW	1	E	E	9.7
14	59.10	57.70	25	29	N	1	E	2	NE	E	28.4
15	58.72	57.10	24.6	29.3	N	1	E	3	NE	SW	------
16	57.70	58.30	24.1	27.7	N	1	E	6	E	E	26.9
17	58.57	57.43	25	29.9	N	1	E	2	E	E	------
18	59.12	57.92	23.5	29	N	1	S	2	E	E	------
19	59.77	58.16	24.1	26.9	N	1	NW	2	E	N	17.5
20	58.42	57.02	22	30.3	N	1	NNW	3	SW	E	12.4
21	58.97	57.85	23.5	28.9	N	1	SSE	2	S	E	------
22	59.41	57.40	24	29.5	N	1	S	1	W	SW	------
23	58.92	57.20	24.8	29.1	N	1	SE	3	S	------	------
24	59.05	57.14	24.6	30.5	N	1	E	2	SSW	------	------
25	58.96	57.29	24.6	29.5	N	1	E	4	SW	W	------
26	59.08	57.20	24.6	28.4	N	1	SSW	2	SE	N	------
27	58.80	56.77	24	30	N	1	SE	3	SSW	------	------
28	58.53	57.04	23.6	29	N	1	SSW	2	E	SW	------
29	58.35	57.16	24.6	29	N	1	SSE	1	SSW	SW	------
30	58.17	57.21	24.4	29.7	N	1	S	1	S	N	------
31	------	------	------	------	------		------		------	------	------
Mean	59.17	57.78	24.1	29.3		1		2.4	------	------	------
Total	------	------	------	------	------		------		------	------	99

[1] 30 days of observation.

MAASIN.

[ϕ=10° 08′ N; λ=124° 50′ E; barometer above sea, 7.3 meters; gravity correction not applied, —1.85 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.56	56.73	25.8	30.8	E 2	E 3	E	E	------
2	57.98	56.88	24.5	30.3	N 1	W 1	S	NW	------
3	58.65	56.83	26	31.2	N 1	E 2	S	------	------
4	58.27	57.10	25.1	29.6	N 1	S 1	E	W	------
5	57.80	56.48	24.6	30.1	N 1	W 1	------	NW	------
6	57.02	56.04	24.9	29	Calm	SE 2	E	N	10.2
7	57.05	56.78	24.8	27.9	N 1	SE 3	W	N	32.3
8	57.70	56.04	24.5	28	N 1	SE 2	E	NE	------
9	57.76	56.90	26	28.6	N 1	N 1	E	W	5.3
10	58.92	57.50	24.2	29.6	N 1	S 1	NE	SW	------
11	59.45	57.85	24.8	29.7	Calm	S 1	SW	NE	------
12	58.98	57.60	25	30	N 1	SE 2	NE	NE	------
13	58.11	57.10	24.3	29.3	N 1	SE 3	S	E	------
14	58.15	56.98	24.4	30.5	N 1	SE 3	SW	SW	------
15	58.57	57.01	23.2	29.5	N 1	S 2	SE	E	4.1
16	58.55	58.14	25.2	27.5	N 1	NE 1	W	N	8.6
17	59.23	57.90	24.2	29.2	N 1	S 1	S	SW	9.1
18	59.18	57.81	24.5	29.5	N 1	S 1	SSW	E	------
19	59.40	57.97	24.8	31.4	N 1	SE 2	SW	N	------
20	58.48	57.15	24.6	29.9	N 1	SW 1	E	N	------
21	58.44	57.46	26	29	E 3	SE 2	N	E	------
22	59.17	58.05	24.1	31	N 1	E 2	SSW	------	------
23	60.71	58.90	26.4?	29.3	N 1	SW 2	E	NW	------
24	59.48	57.89	24.5	28.6	N 1	S 1	------	SW	------
25	58.60	57.02	25	29.5	N 1	SE 1	SSW	W	------
26	58.63	57.25	25	29.6	N 1	S 1	SW	E	------
27	59.16	56.85	25.4	29.2	N 1	S 1	E	SW	------
28	58.27	56.74	26	29.7	N 1	S 1	SSW	N	------
29	58.21	57.18	26.2	29.9	N 1	S 2	SW	NE	------
30	56.65	55.70	25	29.4	N 1	SW 1	NE	N	------
31	56.95	55.65	26	29.7	N 1	SE 3	SW	NE	------
Mean	58.42	57.14	25	29.6	1	1.6	------	------	------
Total	------	------	------	------	------	------	------	------	69.6

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.83	56.37	25	32	N 1	E 2	E	N	------
2	58.32	56.26	25.7	32.2	N 1	E 2	E	E	------
3	57.80	56.27	26.1	30.6	N 1	ENE 2	N	NE	------
4	57.66	56.31	26.5	31.6	N 1	E 4	E	SE	------
5	57.32	57	26	27	N 1	NE 1	SEbyS	E	------
6	57.47	56.28	26.5	30	N 1	E 4	SW	SE	------
7	57.96	56.98	24.8	32	N 1	NE 1	E	E	------
8	58.62	57.53	26	28.8	NE 2	SE 2	NE	NE	------
9	59.07	57.47	25.6	29.5	N 1	SE 3	SW	NE	------
10	58.75	57.18	25	29.4	N 1	SE 5	SW	E	------
11	58.11	56.58	24.2	32	N 1	E 3	S	SW	------
12	58.30	57.05	26.5	31	N 1	W 1	S	N	------
13	59.40	57.28	25.3	28.8	N 1	S 1	SW	E	------
14	59.45	58.20	24.5	29.4	N 1	SE 2	SW	E	------
15	59.42	58.85	25.4	29.4	N 1	SW 1	SE	SW	------
16	60.23	58.67	26.2	30.3	N 1	S 2	W	NbyE	12.2
17	60.30	60.23	25.5	24.5	N 1	N 1	W	W	24.4
18	60.21	59.16	24.6	28.8	N 1	W 1	NEbyE	NW	9.7
19	59.52	58.15	25	29	N 1	S 2	SW	N	------
20	58.76	57.55	25.1	28.5	N 1	S 1	SE	SW	------
21	58.07	56.68	25.5	28.5	N 1	S 3	NE	NE	------
22	57.95	56.61	25.1	29	N 1	S 3	E	N	------
23	57.95	55.94	25.5	32	N 1	NE 2	S	E	------
24	57.97	56.37	25.6	32.5	N 1	N 1	SW	N	------
25	58.19	57.01	25.5	29.6	N 1	SSW 1	NE	NbyE	34.5
26	58.55	57.23	24.5	29.3	N 1	S 1	S	N	------
27	58.36	56.29	24.6	30	N 1	SE 2	SW	------	------
28	57.57	57.19	24	30.5	N 1	E 3	E	N	------
29	58.89	57.81	25.5	28.3	N 1	NW 1	SbyW	SW	3.6
30	58.67	57.42	24.4	27.5	N 1	N 1	SE	E	8.6
Mean	58.56	57.26	25.3	29.7	1	2	------	------	------
Total	------	------	------	------	------	------	------	------	93

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.22	55.73	24	28.8	N 1	S 2	W	N	------
2	56.12	55.05	24.5	29.5	N 1	SW 1	N	E	------
3	56.73	56.34	25.2	28	N 1	S 1	E	E	------
4	57.39	56.62	24.5	26.5	N 1	S 1	E	NW	20.8
5	57.42	55.85	24.6	28.2	N 1	E 2	W	E	------
6	57.15	56.86	25	27.1	N 1	SE 1	E	SW	50.8
7	58.06	57.14	24.5	27.4	N 1	S 1	S	NE	46.7
8	58.25	57.43	24.5	28.6	N 1	Calm	E	E	------
9	58.87	57.30	24.4	28.8	N 1	S 1	E	E	17.5
10	58.87	57.19	24.5	29.2	N 1	SE 1	W	E	39.6
11	57.82	56.62	24.6	27.3	N 1	SW 2	W	SW	22.1
12	57.29	56.92	24.2	23.8	N 1	SW 2	SW	W	51.1
13	58.03	57.63	24.4	28	N 1	E 2	SW	SW	7.9
14	58.87	57.65	24.5	27.7	N 1	NW 1	SE	N	------
15	58.69	57.63	23.6	28.5	N 1	S 1	SW	NW	29.5
16	58.94	58.30	24.8	26.2	N 1	NW 1	NW	NE	34.5
17	57.16	56.73	23.5	28.6	N 1	S 1	S	SW	24.4
18	57.88	57.14	23.8	28.8	N 1	SSE 1	SW	SW	------
19	59.58	58.28	24.5	28.6	SW 2	S 2	W	SW	54.4
20	59.58	58.50	23.4	28.5	NW 1	NW 2	N	S	19.3
21	58.47	57.53	24.1	28.5	NW 1	S 1	SW	SW	------
22	58.28	57.23	25.4	28	N 1	SW 3	SW	N	7.9
23	58.52	56.75	24.9	29.5	N 1	SSW 3	SW	W	69.6
24	57.30	55.83	25.2	28.4	N 1	SW 4	SW	W	------
25	56.72	55.49	25.8	28.5	SW 3	SW 5	SW	SW	------
26	57.08	56.36	24.4	28.6	N 1	SW 5	SW	SW	------
27	57.10	56.61	25.8	28.7	SW 4	SW 5	S	SW	------
28	56.72	54.90	26	28.9	SW 4	SW 5	SW	SW	------
29	56.43	55.35	26.4	29	SW 5	SW 5	------	SW	------
30	58.25	57.33	27.4	29.3	SW 4	SW 5	E	SW	------
31	58.65	57.63	23.9	28.8	N 1	SW 3	S	SW	12.4
Mean	57.85	56.84	24.7	28.2	1.5	2.3	------	------	------
Total	------	------	------	------	------	------	------	------	508.5

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	58.72	57.78	25	28.5	N 1	SW 5	SW	SW	------
2	57.71	56.74	25.8	28.5	N 1	SW 3	SW	SW	12.2
3	58.40	56.78	25	28	N 1	S 1	W	SW	------
4	58.05	57.31	24.5	28.3	N 1	S 2	W	SW	------
5	58.80	57.93	27	28.8	SW 4	SW 3	SW	SW	------
6	59	58.08	27	30	SW 2	SW 1	SW	SW	------
7	58.78	57.60	25	30.4	N 1	SE 1	SW	SW	------
8	59.32	58.10	24.5	29.5	N 1	SE 1	SW	N	------
9	59.38	58.91	25.5	29.4	N 1	SE 1	SW	N	13.5
10	60.23	58.68	24.5	28.6	N 1	S 1	S	SW	13.7
11	59.85	58.09	24	28.6	N 1	SE 2	N	SW	21.3
12	59.05	56.95	23.9	29.4	N 1	S 1	SE	NE	------
13	59.02	58.15	25.2	29	N 1	S 1	S	SW	------
14	59.87	59.36	25	25.2	N 1	N 1	S	NW	58.4
15	59.31	57.82	23	27.6	N 1	S 1	E	SW	------
16	58.12	56.96	25.6	29.1	N 1	S 2	SW	SW	9.7
17	57.94	57.80	24.1	27.1	N 1	SW 4	W	SW	12.4
18	59.20	58.79	25	28.1	N 1	S 1	SW	SW	49.5
19	60.27	58.73	24.8	28.5	SW 3	S 1	SW	NE	------
20	58.71	57.14	23.6	29	N 1	SE 2	S	SW	------
21	58.02	56.69	24.4	28.8	N 1	E 2	SW	SW	------
22	58.62	57.87	24.5	25.5	N 1	N 1	S	NE	34
23	58.41	57.76	24	24.5	N 1	N 1	E	NW	31.5
24	58.12	56.81	25	27.2	N 1	NE 2	S	NE	------
25	57.97	56.79	25	29	N 1	S 1	SW	SE	49.3
26	57.52	56.53	22.1	28.8	N 1	S 1	W	W	------
27	58.14	56.88	23.5	28.8	N 1	S 2	SE	SW	------
28	57.89	56.20	24.1	30.1	N 1	E 3	SW	NE	------
29	57.53	56.15	24.3	29.6	N 1	NE 2	SW	NE	------
30	57.14	56.23	25.1	29.6	N 1	NW 2	SW	W	16
31	57.37	56.41	22.6	29.6	N 1	N 1	NE	NE	13
Mean	58.60	57.48	24.6	28.5	1.2	1.7	------	------	------
Total	------	------	------	------	------	------	------	------	334.5

MAASIN.

[ϕ=10° 08′ N; λ=124° 50′ E; barometer above sea, 7.3 meters; gravity correction not applied, —1.85 mm.]

Day.	SEPTEMBER.									OCTOBER.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	57.55	56.33	25	29	N 1	NE 1	SW	NE	11.7	57.66	56.63	23.6	28.2	N 2	S 2	S	NE	------
2	57.76	56.76	24	29	N 1	SE 1	E	SW	14	58.25	56.60	25	28.5	N 1	SW 4	SW	SW	------
3	57.87	56.72	24.6	27.7	N 1	SW 1	E	SW	43.2	58.22	56.24	26	29	SW 4	SW 3	SW	SW	18.8
4	58.17	56.55	24.4	26.5	N 1	NE 1	SW	E	46.7	57.65	55.61	25	28.5	SW 2	SW 4	SW	SW	------
5	58.37?	56.48	25	28.6	N 1	S 1	SW	E	9.1	57.55	55.53	25	28.5	N 1	SW 5	W	SW	19.3
6	57.67	56.50	24.4	29	N 1	S 1	W	E	------	57.42	56.80	24.6	28.1	N 1	SW 5	SW	SW	------
7	57.82	56.60	24.8	28.5	N 1	S 2	NE	SW	------	58.77	57.28	24.6	29.1	N 1	S 1	S	SW	------
8	57.80	56.30	25	29.1	SW 3	S 2	W	W	43.7	58.97	57.80	24.6	29	N 1	S 1	SW	NW	21.8
9	57.91	56.53	25	29.6	N 1	SW 2	N	W	------	59.57	57.07	23.6	27.1	N 1	Calm	NW	NW	16.5
10	58.56	57.35	24.8	29	N 1	SW 4	W	W	15.7	58.96	56.11	23.8	29	N 1	W 2	N	W	------
11	58.49	56.83	24.8	25	N 1	NW 1	S	SW	50.8	57.48	56.25	23.6	29.8	N 1	S 1	S	SWbyW	------
12	57.29	56.36	24.2	26.5	N 1	SE 2	SW	W	7.9	58.94	57.43	23.8	29.8	N 1	E 3	S	N	------
13	57.05	55.48	25	28.5	N 1	SW 3	SW	W	------	58.74	57.55	24	26.6	N 1	N 1	NW	NW	35.6
14	56.17	54.85	24.3	28.7	N 1	SW 4	SE	SW	------	57.92	56.16	23.8	27.4	N 1	N 1	S	N	41.1
15	55.68	55.01	25	29	N 1	SW 5	S	SW	------	56.47	54.98	23.6	29.5	N 2	NW 2	NE	N	------
16	56.95	55.46	25.2	28.5	N 1	SW 4	W	SW	47.8	55.35	54.11	25	29.3	N 1	W 2	N	S	------
17	57.47	56.40	24	28.1	N 2	SW 5	W	SW	------	55.02	53.93	26	29.1	SW 4	SW 5	SW	SW	5.6
18	56.87	55.98	25.5	28.8	N 1	S 2	SW	SW	------	56.42	56	26.6	29.4	SW 4	SW 5	SW	SW	------
19	57.27	56.13	25.5	29	N 1	SE 2	SE	SE	------	56.60	55.46	25	29	N 1	S 1	SW	W	------
20	58.40	56.70	25	29.5	N 1	SE 3	S	SW	------	57.77	56.29	24.4	29.5	N 1	E 1	------	E	------
21	58.47	57.28	24.8	29.6	N 1	SE 2	S	SW	------	59.30	57.55	24.6	28.7	N 1	S 1	SW	N	3.3
22	59.67	58.23	24.8	29.5	N 1	S 1	S	SW	------	58.76	56.45	24	29.8	N 1	NW 2	S	NW	11.7
23	58.80	58.35	25.4	25.7	N 1	NW 1	NE	W	4.6	56.25	55.35	25	28.1	N 1	SW 5	NW	N	------
24	58.82	57.90	23.5	27.7	N 2	SW 4	S	N	20.8	58.12	57.16	26	28.5	SW 3	S 2	SW	SW	------
25	58.60	56.09	25	28.6	N 1	SW 5	SW	SW	------	58.89	57.68	23.6	30	N 1	E 2	SW	N	------
26	59.37	58.28	24.5	28.9	N 1	SW 3	SW	SW	21.3	58.92	56.70	24.8	28.4	N 1	N 1	E	E	4.1
27	61.25	60.04	23	28.1	N 1	E 2	SW	E	------	57.62	55.68	24	29.4	N 1	E 2	E	E	8.1
28	60.85	58.50	24	27	N 1	S 1	SW	SW	------	56.95	56.40	26	29	E 2	SE 2	SW	E	------
29	57.99	55.62	23.6	27.6	N 1	S 1	SW	W	10.2	58.22	57.20	25	29.3	N 1	S 1	NE	SW	------
30	57.07	55.57	24	26.8	N 1	N 1	SW	SW	14.2	58.55	56.78	25.2	29.8	N 2	E 4	N	NE	------
31	------	------	------	------	------	------	------	------	------	58.37	57.15	23.5	30.5	N 1	E 3	E	NE	------
Mean	58.07	56.71	24.6	28.2	1.1	2.3	------	------	------	57.86	56.38	24.6	28.9	1.5	2.4	------	------	------
Total	------	------	------	------	------	------	------	------	362.2	------	------	------	------	------	------	------	------	185.9

Day.	NOVEMBER.									DECEMBER.								
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	58.89	57.32	24	27.6	N 1	W 1	E	NW	7.1	58.69	57.20	23	29.4	N 1	S 1	S	SW	------
2	58.87	56.80	24	28.7	N 1	SW 1	S	W	------	58.12	56.20	23.4	29.1	N 1	SW 1	S	NE	------
3	58.24	56.52	23.4	27.1	N 1	Calm	SE	SW	10.9	56.89	54.82	23.6	28.4	N 1	W 1	NE	NE	------
4	57.42	55.45	23.6	28.6	N 1	W 1	E	W	14.2	55.74	54.20	22.8	27.6	N 1	E 1	SE	NE	7.9
5	55.77	53.78	24	27.4	N 1	NW 3	NW	NW	97.3	54.69	54.93	22.6	29.1	N 1	W 1	SbyW	NE	------
6	50.78	51.22	25.5	26.3	N 4	SW 7	NW	SW	142.5	57.24	54.72	22.4	27.4	N 1	W 1	NE	NE	35.1
7	56.87	55.49	25	28	N 1	E 2	SW	W	------	56.54	55.44	22.8	23	N 1	N 1	NE	N	116.3
8	57.82	55.94	25	29.1	N 1	SE 2	SEbyS	SE	------	56.58	55.55	22	27.4	N 1	S 1	E	N	------
9	58.62	58.04	23.8	28.1	N 1	E 1	S	E	------	57.16	56.23	23.4	28.2	N 1	SE 2	SbyW	NE	------
10	60.35	58.05	24	28.4	N 1	SE 1	E	SW	9.7	57.61	56.30	24	28.2	N 1	SE 2	SbyW	SW	------
11	60.37	59	23.6	26.4	N 1	W 1	NE	N	16.3	57.69	56.16	23.6	28	N 1	SE 2	E	SW	------
12	59.79	58.06	23.5	28	N 1	SW 1	S	N	8.4	58.22	56.56	23.6	28	N 1	E 1	S	E	------
13	58.97	57.63	24.6	28.3	N 1	W 1	SW	SW	------	58.99	57.31	23	28.5	N 1	SE 1	S	SW	------
14	55.48	53.12	24.4	25.4	NW 2	NW 4	NW	NW	7.1	58.81	57.60	23.3	29.2	N 1	E 2	NE	E	------
15	55.27	54.66	26	28	SW 5	SW 5	SW	W	------	59.14	58.20	23.3	28.5	N 1	S 1	SW	SW	------
16	57.60	55.88	25	28.6	SW 3	S 2	S	W	------	60.37	57.84	23.6	28.8	N 1	SW 1	S	N	------
17	57.22	56.18	24.6	28.6	N 1	S 2	SE	W	9.1	58.79	57.16	23.3	28.2	N 1	W 1	NE	N	27.9
18	57.96	56.60	24.4	28.3	SW 4	SW 4	SW	SW	------	57.62	55.18	23	24	N 1	NW 3	NW	NW	112.3
19	57.95	56.35	25	28.1	SW 1	S 1	SW	N	------	55.26	52.65	22.8	21.5	N 3	NW 4	NW	NW	153.2
20	58.20	56.68	25	29	N 1	SE 1	N	NW	------	56.14	55.01	23.4	24.2	N 2	SW 5	W	SW	48.5
21	58.87	58.01	24.6	28.5	N 1	S 1	S	N	4.6	56.09	55.28	24.6	25.5	SW 5	SW 4	SW	SW	22.4
22	59.12	57.60	23.4	29.1	N 1	S 2	SW	N	------	57.04	56.04	23.6	28.5	SW 4	S 1	SW	SW	25.1
23	58.79	56.98	24.4	28.9	N 1	SSW 1	E	N	------	58.72	57.51	24	28.4	N 1	SW 1	E	SW	------
24	58.87	56.94	24.8	29	N 1	SSW 2	SbyW	N	------	59.01	58.07	24	28	N 1	NW 2	SW	W	------
25	58.42	57.11	22	28.6	N 1	SE 1	S	N	5.1	59.79	58.40	23	27.5	N 1	NW 2	SW	NW	20.8
26	58.12	56.59	23	27.8	N 1	SW 1	SE	NE	------	60.23	59	23	28.6	N 1	E 1	NE	E	13.2
27	58.07	56.91	23.6	29.2	N 1	Calm	NE	N	------	61.50	60.63	22.8	25.3	N 1	N 1	NE	NE	38.6
28	59.24	58.30	23.5	25.4?	N 1	NW 1	NE	E	------	61.25	59.99	22.5	28	N 1	E 2	W	NE	15.2
29	59.10	58.10	22.8	29	N 1	S 1	NE	NE	------	61.20	59.15	22.8	29	N 1	N 1	E	NE	19.6
30	59.12	57.70	22.8	28.3	N 1	N 1	NE	E	11.7	59.64	57.70	23.9	28.6	N 1	E 2	E	E	32
31	------	------	------	------	------	------	------	------	------	58.75	57.05	22.6	27.5	N 1	E 2	N	E	------
Mean	58.01	56.57	24.1	28.1	1.4	1.7	------	------	------	58.18	56.71	23.2	27.5	1.3	1.7	------	------	------
Total	------	------	------	------	------	------	------	------	344	------	------	------	------	------	------	------	------	688.1

SAN JOSE BUENAVISTA.

[ϕ=10° 44′ N; λ=121° 55′ E; barometer above sea, 6 meters; gravity correction not applied, —1.84 mm.]

JANUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*							*mm.*
1	57.60	55.99	23.5	29	NNE	1	NW	1	E	E	------
2	58.25	56.39	23.1	28.7	Calm		N	1	E	E	------
3	57.44	56.96	22	29.6	NNE	1	NW	1	------	------	------
4	57.86	56.31	21.6	29.5	N	1	WSW	1	E	E	10.9
5	57.49	56.01	22	29.4	NNE	1	NW	1	E	E	------
6	57.51	57.35	20.7	28	NNE	1	NNE	1	------	E	------
7	57.34	56.65	22	30	NNE	1	N	1	E	E	------
8	58.37	57.36	21.7	29.5	NNE	1	N	1	------	E	------
9	59.09	58.42	21.6	30.7	NE	1	NW	1	------	E	------
10	59.70	57.83	22.6	31.7	Calm		NNE	1	E	E	------
11	58.96	58.58	20.3	31	Calm		N	1	------	E	------
12	58.95	57.62	20.6	31.4	NE	2	NW	1	------	------	------
13	58.50	56.99	20	30.2	NNE	1	NNW	1	------	------	------
14	59.16	58.33	20.2	31	NE	1	N	1	------	NNW	------
15	59.97	58.68	20.1	31	NE	1	N	1	------	E	------
16	60.12	58.67	19.5	30.3	Calm		WSW	1	------	------	------
17	58.97	57.94	19.4	30.5	Calm		W	1	------	------	------
18	59	58.03	19.2	30.8	NNE	1	NW	1	------	E	------
19	59.62	58.62	22	31.5	NNE	1	N	1	------	E	------
20	60.22	58.88	21.6	31.2	NNE	1	N	1	------	E	------
21	59.64	58.35	23.1	27.4	NNE	1	Calm		E	E	.5
22	59.62	58.09	20.1	30.2	NNE	1	N	1	------	------	------
23	59.22	58.38	20.6	30.6	NNE	1	N	2	E	E	------
24	58.80	57.55	21.4	29.5	NNE	1	NNW	1	------	E	------
25	58.83	57.82	22.4	31.5	NNE	1	WSW	1	------	E	------
26	59.35	58.32	21.2	31	NNE	1	N	1	E	E	------
27	58.64	57.83	23.1	30.5	NNE	1	NNW	1	E	E	------
28	58.58	57.03	22.9	31.5	NNE	1	Calm		E	E	------
29	57.53	56.32	22	31.8	NNE	1	WNW	1	------	NE	------
30	57.35	56.52	20.6	31.3	Calm		WSW	1	------	------	------
31	57.51	56.84	21.6	31.7	NNE	1	WSW	1	------	------	------
Mean	58.68	57.57	21.4	30.4		0.8		1	------	------	------
Total	------	------	------	------	------		------		------	------	11.4

FEBRUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*							*mm.*
1	58.02	56.73	17.9	32	NNE	1	NW	1	------	------	------
2	58.48	57.84	19.4	30.7	NNE	1	NNE	1	------	E	------
3	57.97	57.43	20.4?	31	NE	1	Calm		E	E	------
4	58.33	57.90	24	33.1	NNE	1	NNE	1	E	E	0.5
5	60.23	58.99	21.8	32.2	NNE	1	W	1	------	------	------
6	60.44	59.22	22	32	NNE	1	NNE	1	E	E	------
7	60.84	59.38	20.1	32.5	Calm		NNE	1	------	E	------
8	61.31	59.74	21.3	30	Calm		NW	1	------	E	------
9	61.50	59.80	22.9	30.9	Calm		NW	1	------	E	------
10	61.44	59.64	18.4	30	NNE	1	NW	1	------	E	------
11	60.97	59.19	21.5	30.8	NNE	1	W	1	E	E	------
12	60.76	59.33	20.6	28.2	Calm		NNE	4	------	NE	------
13	60.11	59.01	22.5	28.3	NNE	1	NNE	3	------	E	6.9
14	59.80	57.98	21	28.9	Calm		N	2	E	E	------
15	59.02	57.88	21.4	31.1	Calm		W	1	------	E	6.6
16	59.01	58.46	21.2	30.4	NNE	1	Calm		------	E	------
17	59	57.49	23.1	29	NNE	1	Calm		E	E	.5
18	58.13	57.73	22.1	31.5	Calm		WNW	1	------	E	------
19	58.41	58.08	22.7	30.1	NNE	1	W	1	E	E	------
20	59.25	58.28	22.3	31.2	NE	1	W	1	------	E	------
21	58.91	57.52	22.8	32.8	NE	1	W	1	------	E	.5
22	58.72	57.60	23.5	30.5	ENE	1	N	1	E	E	------
23	59	57.97	22.5	32.6	Calm		W	2	------	E	------
24	57.87	57.24	23.6	32.6	Calm		W	2	------	E	------
25	58.84	58.28	21.7	32	NE	1	W	1	------	E	------
26	58.97	57.28	19	31.7	Calm		W	1	------	E	------
27	59.36	57.82	20.5	32	NE	1	W	2	------	------	------
28	58.83	57.87	20.1	30.9	NE	1	N	3	------	E	------
29	------	------	------	------	------		------		------	------	------
30	------	------	------	------	------		------		------	------	------
31	------	------	------	------	------		------		------	------	------
Mean	59.41	58.27	21.4	31		0.6		1.3	------	------	------
Total	------	------	------	------	------		------		------	------	15

MARCH.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*							*mm.*
1	58.67	57.42	21.9	31.8	NE	1	SW	1	------	E	------
2	58.42	57.81	21.6	32.6	NNE	1	W	2	------	E	------
3	58.64	57.59	21.4	32.7	NE	1	W	2	------	E	------
4	58.84	57.83	20.6	31.7	NE	1	WSW	1	------	------	------
5	59.38	58.12	20.4	32.6	NE	1	W	1	------	E	------
6	59.57	58.58	20.7	32.3	NE	1	SW	1	------	E	------
7	59.52	58.19	21.8	32	NE	1	N	1	------	------	------
8	58.36	57.19	21	32.9	Calm		W	2	------	E	------
9	58.25	57.15	21.5	32.6	NE	1	NE	1	------	------	------
10	57.95	57.22	22	32.1	NE	1	N	2	------	E	------
11	57.84	56.64	21.6	30.2	NE	1	WNW	2	------	------	------
12	57.60	56.36	22.2	31.4	Calm		N	1	------	E	------
13	57.98	56.82	22.5	31.3	NNE	1	NE	1	------	E	------
14	59.09	57.84	23	29.4	NE	1	NNE	3	E	E	------
15	59.41	58.07	22	31.4	NNE	1	Calm		------	E	------
16	58.98	58.06	22.4	27.2	Calm		SE	2	E	E	------
17	58.85	57.30	22.1	31	NE	1	W	1	E	E	------
18	58.21	57.22	22.2	31.5	Calm		N	1	------	E	------
19	58.50	56.87	21.6	30.4	NE	1	N	1	------	E	------
20	58.79	57.35	21.3	29.7	Calm		N	3	------	E	0.5
21	57.63	56.27	22.8	29.5	NNE	1	N	4	E	E	------
22	57.65	56.63	24	29.6	Calm		NNW	4	N	N	8.9
23	56.37	55.76	25.1	25.2	Calm		Calm		N	N	32.8
24	57.04	56.29	24.6	31.8	Calm		S	3	SE	SE	.8
25	58.59	58.54	23.5	30.7	Calm		N	2	------	E	------
26	59.96	58.92	22.7	31	Calm		W	2	------	E	------
27	60.17	58.91	23	31.8	Calm		W	1	------	E	------
28	60.71	59.04	20.4	32	NE	1	W	2	------	E	------
29	59.79	58.72	23.6	31.8	Calm		W	1	E	E	------
30	59.70	58.43	22.6	32.2	Calm		N	1	------	------	------
31	59.35	58.42	21.8	32.2	NE	1	W	2	------	E	------
Mean	58.70	57.60	22.2	31.1		0.6		1.6	------	------	------
Total	------	------	------	------	------		------		------	------	43

APRIL.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*							*mm.*
1	59.38	58.51	22.3	32.8	Calm		W	1	------	E	------
2	58.94	58.32	21.6	32.5	NE	1	W	1	------	E	------
3	59.85	58.57	22.7	33	Calm		W	2	------	E	------
4	59.70	58.75	24.1	32.9	Calm		W	1	E	E	------
5	59.08	58.56	22.9	32.8	Calm		NW	1	------	E	------
6	59.20	58.07	23.6	33.2	NE	1	W	1	------	------	------
7	59.23	57.44	24.1	32.1	NNE	1	W	1	N	N	49.5
8	58.83	58.17	24.8	31.7	NE	1	W	2	------	------	------
9	59.19	56.98	23.9	32.5	NNE	1	N	1	------	------	------
10	59.77	58.12	22.8	32	NE	1	W	1	------	------	------
11	59.30	58.12	20.9	32.5	NNE	1	W	1	------	------	------
12	59.85	58.76	22.5	32	NE	1	W	1	------	------	------
13	59.11	58.21	22.7	31.1	Calm		NNW	1	------	E	------
14	58.44	57.31	23.3	31.4	Calm		N	1	------	E	1.3
15	58.65	57.21	24.3	29	Calm		W	1	E	E	38.1
16	57.91	57.12	23	32	Calm		W	1	E	E	------
17	58.03	56.83	24.5	31.7	NE	1	NW	2	E	E	------
18	59	57.63	24.1	31.8	NNE	1	NNE	1	E	------	------
19	59.31	57.32	23.5	31.2	NNE	1	N	2	------	E	------
20	57.88	57.12	22.5	32.1	Calm		Calm		------	------	------
21	58.46	57.71	23	32	NE	1	Calm		------	E	------
22	58.64	57.89	22.6	32.7	NE	2	Calm		------	------	------
23	59.05	57.72	23.9	30.8	NNE	1	W	1	------	E	------
24	58.13	57.12	23	32.4	NE	1	W	1	------	------	------
25	58.83	57.52	23.7	32.1	NE	1	WSW	1	------	------	------
26	58.65	57.10	22.5	33	NE	1	W	1	------	------	------
27	58.41	57.30	23	33	NE	1	W	1	------	E	------
28	57.98	57.17	24.4	33.8	NE	1	W	2	------	E	------
29	58.22	57.52	24.9	31.4	NE	1	S	1	N	E	------
30	58.38	57.52	23.8	30.6	ENE	2	Calm		------	NW	------
31	------	------	------	------	------		------		------	------	------
Mean	58.85	57.72	23.3	32.1		0.8		1	------	------	------
Total	------	------	------	------	------		------		------	------	88.9

SAN JOSE BUENAVISTA.

[ϕ=10° 44′ N; λ=121° 55′ E; barometer above sea, 6 meters; gravity correction not applied, —1.84 mm.]

Day.	MAY.									JUNE.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure. 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	57.13	57.09	22.7	31.9	NNE 1	Calm	------	E	------	57.62	56.99	23.8	27	NE 1	Calm	------	S	3
2	57.99	57.12	23.7	33.5	NE 1	W 1	------	E	------	57.53	56.87	24	32	NE 1	NNE 1	E	E	------
3	57.72	57.07	23.7	34	NE 1	W 1	------	E	------	56.47	55.50	24.7	32.6	Calm	ENE 1	------	E	15
4	57.79	57.27	23.7	33.4	Calm	W 1	E	E	1.3	57.13	55.81	24.8	32.2	NE 1	NE 1	------	E	------
5	57.70	56.91	24.3	31.9	NNE 1	W 1	------	E	------	56.88	56.17	24	27.9	NNE 1	Calm	------	E	9.9
6	57.57	56.74	25.5	30.6	NE 1	NE 1	------	E	------	56.58	56.12	24.8	31.8	ENE 1	Calm	------	E	7.6
7	57.28	56.74	24.7	30.5	NNE 1	Calm	------	E	3	57.43	57.16	24.5	32.2	NE 1	Calm	------	------	------
8	57.20	55.70	23.7	33.4	Calm	SW 1	------	E	26.9	58.03	57.66	24.5	28.6	NE 1	Calm	------	E	6.9
9	57.43	57.77	25	26	NNE 1	ENE 1	------	WSW	24.6	58.87	57.53	25	30.5	ENE 1	SW 1	E	E	4.6
10	58.80	57.97	23	30.5	NE 1	Calm	------	E	------	59.11	57.32	25	31.3	NE 1	Calm	------	W	4.8
11	59.50	57.98	24.6	31.4	NE 1	Calm	------	E	15.7	58.20	56.93	24.4	31.2	NE 1	Calm	E	E	2
12	58.83	57.94	23.8	28.5	NE 2	Calm	NE	E	8.1	58.20	57.03	24.4	30.6	NE 1	SW 1	------	E	23.1
13	58.09	57.17	24.1	32.1	NNE 1	Calm	NE	NW	------	59.73	58.71	23.8	28.3	NE 1	Calm	E	E	5.3
14	57.99	57.11	24	32.5	NNE 1	W 1	------	------	.3	59.78	58.16	23	29.7	NE 1	Calm	------	E	4.8
15	58.28	56.75	24.6	32.4	NNE 1	W 1	------	E	1.5	59.62	59.26	24.9	28.6	Calm	Calm	E	E	36.8
16	58.78	57.23	24.5	31.5	NE 1	Calm	N	E	3	59.61	59.01	23.5	29.5	NE 1	Calm	NE	E	4.1
17	58.53	58.72	24.6	26.6	ENE 1	Calm	NE	NW	5.1	60.52	60.15	24	27	ENE 1	Calm	W	------	.8
18	59.36	58.53	24	30.6	NNE 1	W 1	------	E	------	59.94	59.87	24	24.5	Calm	Calm	E	W	40.9
19	59.44	57.78	24.4	32.4	NNE 1	W 1	------	E	18.3	60.22	59.36	23.4	28	ENE 1	Calm	WSW	------	.5
20	57.95?	57.16	23.7	32.1	NNE 1	NNE 1	------	NW	27.2	59.12	57.69	24.5	28.3	Calm	Calm	SW	SW	7.6
21	57.70	57.37	23.9	31.6	NNE 1	S 3	E	SE	12.7	58.35	56.60	24.5	28	Calm	Calm	SSW	------	22.4
22	58.60	57.98	23.5	31.1	Calm	WNW 1	------	NW	17.5	57.80	56.98	23	28.7	Calm	SW 1	E	SW	.8
23	60.37	59.03	24.5	31	NNE 1	WSW 1	------	WSW	3.3	56.68	57.45	24	28.8	NNE 1	NNE 1	------	------	------
24	59.58	57.57	25.7?	32	NE 1	NW 1	E	E	20.3	57.60	56.94	23.1	30	NNE 1	Calm	------	E	------
25	58.50	57.23	24.5	28.5	NNE 2	Calm	------	SE	4.1	58.53	56.96	24	29	NNE 1	Calm	------	E	48.5
26	58.73	57.54	24.5	30.5	NE 1	SW 1	SE	SE	7.1	58.13	57.26	25.3	29.5	SSE 2	SW 1	------	------	------
27	59.03	57.27	24.4	31	NNE 1	W 1	SE	------	?	58.03	56.82	24	31.1	NNE 1	SW 1	------	------	2.3
28	58.75	56.11	24	31.4	NE 1	S 1	------	E	20.8	57.89	57.50	24	25.8	Calm	Calm	------	------	21.8
29	57.63	57.49	25	28	ENE 1	Calm	SE	SW	24.6	59.10	57.91	24	28.9	NNE 1	Calm	------	E	.5
30	56.42	55.67	23.9	27.5	ENE 1	Calm	------	E	45.5	59.03	57.20	24.4	28	Calm	Calm	------	------	3.8
31	56.25	55.88	23.4	29.5	Calm	Calm	SE	------	------	------	------	------	------	------	------	------	------	------
Mean	58.22	57.29	24.2	30.9	0.9	0.7	------	------	------	58.39	57.50	24.2	29.3	0.8	0.3	------	------	------
Total	------	------	------	------	------	------	------	------	[1]290.9	------	------	------	------	------	------	------	------	277.8

Day.	JULY.									AUGUST.								
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	57.31	55.49	23	28	NNE 1	Calm	------	N	6.1	59.18	57.90	24.5	28	Calm	Calm	W	W	5.1
2	55.83	55.50	23.5	27	NNE 1	Calm	------	E	5.1	57.48	56.99	23.7	28	NE 1	NE 1	------	W	1.8
3	56.84	55.76	24.1	27.9	N 1	Calm	E	------	15.7	57.85	57.18	23.5	27	NNE 2	WSW 1	------	------	13.2
4	56.88	57.52?	24	24	NNE 1	Calm	E	W	39.6	57.81	57.38	23	29.2	NNE 1	S 1	------	------	38.9
5	57.30	56.34	22.1	28.5	NNE 1	WSW 1	------	E	12.2	58.70	58.16	23	29.6	NE 1	Calm	------	------	2.3
6	57.65	57.43	23.6	25.5	NNE 1	Calm	E	W	41.1	58.75	58.14	24.2	30	ENE 1	SW 1	SW	SW	.5
7	57.65	57.68	23.5	26.1	Calm	WSW 1	------	W	6.4	58.56	57.54	23.6	30.7	ENE 1	WSW 1	------	------	------
8	58.06	58.10?	23.4	26	Calm	Calm	------	E	22.9	59.10	58.05	23.5	29.5	NE 1	S 1	------	------	------
9	58.70	57.73	23.5	29	NNE 1	S 1	W	W	------	59.30	59.09	23.1	30.8	NE 1	Calm	------	SW	4.3
10	58.48	57.26	24.3	29.4	NNE 1	S 1	W	------	18.3	59.71	59.33	23.3	30.5	NE 1	S 1	------	W	.5
11	57.25	57.16	25	26.9	Calm	Calm	W	W	28.4	60.01	58.14	24.1	31.1	Calm	W 2	W	WSW	------
12	58.18	57.37	23.4	25	Calm	Calm	------	SW	5.3	59.12	56.99	23.8	31	ENE 1	Calm	W	W	------
13	57.96	56.49	22.9	29.3	NNE 1	S 1	------	------	------	58.67	58.21	24.1	28.4	NE 1	Calm	------	------	.3
14	58.35	56.68	23	29.4	NNE 1	S 1	N	------	------	59.18	59.33	24.6	24.6	SSW 1	Calm	------	------	14.7
15	58.15	57.71	23.5	28.5	Calm	Calm	NNE	------	1.3	59.37	57.98	24.1	28.4	Calm	SW 1	------	W	------
16	59.04	58.11	23.1	27.7	NNE 1	Calm	E	N	22.4	58.50	57.25	23	30.5	NE 1	SW 1	SW	W	13.7
17	57.60	56.63	23.2	28.6	N 1	Calm	E	NW	------	57.97	57.43	23.6	26.4	N 1	Calm	------	------	34.5
18	57.44	57.09	23.8	28.9	NE 1	Calm	W	------	10.7	58.55	58.94	23.7	25.9	NNE 1	N 1	E	------	24.1
19	59.49	58.41	24.5	28.8	Calm	S 1	------	------	21.1	59.73	58.24	23.2	27.8	NNE 1	Calm	------	S	------
20	59.50	58.37	22.6	26.9	NE 1	Calm	------	------	14.2	58.43	57.01	23.4	30.1	NE 1	W 1	------	E	2.5
21	58.48	58.05	22.6	24.1	Calm	Calm	W	------	149.6	57.49	56.83	24.4	26.6	Calm	Calm	E	W	36.8
22	58.59	57.54	23	25.9	Calm	Calm	W	------	2	57.65	56.84	23	31	Calm	N 1	------	------	------
23	57.80	56.69	23	28.4	NNE 1	Calm	------	------	7.6	57.59	56.53	24.5	31	N 1	Calm	E	E	.8
24	56.54	55.76	24	26.9	NNE 1	S 2	------	SW	6.4	57.52	56.73	23.6	30.1	NE 1	Calm	------	E	10.4
25	56.61	56.35	24.9	28	SSW 1	SW 1	SW	SW	16	57.05	57.03	23.3	26.5	Calm	Calm	------	E	26.4
26	56.82	56.20	26.5	29.2	SW 1	SSW 2	SW	SW	10.2	57.21	56.49	23	30.5	Calm	W 1	------	E	------
27	57.03	56.30	26.9	29.6	SSW 3	SSW 3	SW	SW	27.4	57.70	57.17	23.6	29.9	NE 1	Calm	------	------	25.1
28	55.92	54.16	27	29.9	SSW 3	S 3	SW	SSW	1.8	57.89	56.22	23.5	30.5	NNE 1	W 1	------	E	3.3
29	55.76	55.53	27.7	29	S 3	SSW 3	SSW	SW	42.2	56.94	56.14	23.8	30.7	NNE 1	SSW 1	------	E	.5
30	58.43	58.16	24	27.4	Calm	Calm	W	WSW	3.6	57.12	56.73	24.1	31	NNE 1	SSW 1	------	E	2.8
31	58.80	58.06	26	29.5	SW 1	SW 1	WSW	WSW	26.2	56.90	56.02	23.9	31	NNE 1	W 1	E	E	6.4
Mean	57.69	56.96	24.1	27.7	0.9	0.7	------	------	------	58.29	57.48	23.7	29.2	0.8	0.6	------	------	------
Total	------	------	------	------	------	------	------	------	563.8	------	------	------	------	------	------	------	------	268.9

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[1] 30 days of observation.

SAN JOSE BUENAVISTA.

[ϕ=10° 44′ N; λ=121° 55′ E; barometer above sea, 6 meters; gravity correction not applied, −1.84 mm.]

Day.	SEPTEMBER.									OCTOBER.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.	mm.	mm.	°C.	°C.					mm.
1	57.06	56.40	23.4	30	NNE 1	Calm		E	27.4	57.01	56.85	23.4	28	NNE 1	Calm		SW	92.7
2	57.80	56.51	24	27	Calm	W 1	E		48.5	57.48	56.46	23	28.2	NNE 1	SSW 3		SW	7.6
3	57.23	57.20?	23.5	26.2	Calm	SW 1		SW	10.4	57.41	56.14	25.4	25.9	WSW 1	Calm	SW	SW	56.1
4	57.76	56.88	23.5	28.8	Calm	Calm		SW	75.7	57.48	55.98	24.6	24.8	SSW 1	Calm	SW		28.7
5	57.74	57	23.5	27.1	Calm	Calm			24.1	56.94	55.26	23.5	25.5	NNE 1	Calm	WSW	W	33.5
6	57.26	56.63	23.5	27.1	NNE 1	S 1	W		32.3	56.92	56.62	25	27	Calm	SSW 4	W	SW	98.6
7	57.08	56.86	24.4	26.3	Calm	SSW 3	WSW	SSW	39.9	58.01	57.51	23.5	30.6	Calm	SSW 2		SSW	
8	56.85	57.13	23.5	24.1	NNE 1	NNE 1	W	W	23.1	58.80	57.49	23.6	31	NNE 1	W 1			
9	57	56.85	23	29.4	NNE 2	SW 1	E	W	52.1	59.09	57.01	24.3	28.4	NNE 1	N 1		E	.8
10	58.38	57.56	22.4	29.9	NE 2	W 1	E	WSW	1.3	58.33	56.49	23.5	29	NNE 1	Calm		N	
11	57.71	57.68	27.1	25.2	SSW 2	NNE 2	SW	NW	36.6	56.60	55.86	23.8	29.9	NNE 1	W 2		E	3.3
12	56.69	55.93	23.9	29.4	N 1	Calm	W	W	37.6	58.21	57	23.4	30.4	Calm	N 2		E	
13	56.17	55.75	26.2	27.1	S 1	SW 2	SW	SW	37.1	58.88	57.03	22.9	31	NNE 1	Calm		E	
14	55.65	54.94	23.9	29.1	NNE 1	SW 1	SW	W	26.7	57.75	56.24	23.4	29.8	NNE 1	Calm	N	E	
15	55.27	55.30	24.7	30.5	Calm	W 1	SW	W	9.9	56.73	55.24	23	30.1	NNE 1	W 2		NW	.5
16	56.94	56.19	25.6	28.2	N 1	N 1	W	W	42.7	55.70	54.56	23.9	29.6	NNE 1	Calm			13.7
17	57.58	56.69	22.6	25.6	NNE 1	Calm		SW	26.4	55	53.62	26.9	30.6	SW 3	SW 2		SW	
18	56.56	55.45	26.4	27.4	SSW 3	SSW 3	SW	SW	24.1	54.91	54.20	27.8	26.9	SSW 3	SSW 6	SSW	SSW	4.6
19	56.81	55.80	27.2	27.3	SSW 3	S 2	SSW	SW	15.5	56.67	55.59	25.1	30.9	Calm	SSW 2	SSW	SSW	1.8
20	57.80	56.59	24	29.9	NNE 2	SSW 2	W			57.84	56.81	24.5	30.7	Calm	SW 1		E	
21	57.92	57.24	22.1	30.4	NNE 1	SW 1				59.29	57.88	23.6	31	NNE 2	W 2		E	
22	59.24	57.99	23.4	30.5	NNE 2	W 2		NW		59.59	57.14	24.4	30.8	NNE 2	NNW 2		NNW	5.8
23	59.44	58.71	24.4	24.9	NNE 2	Calm	N		72.9	56.48	55.26	24.5	25.8	Calm	Calm	NW	NW	94
24	58.47	57.57	23.2	26.6	Calm	W 3	SE	W	7.1	56.54	56.13	24.4	29.1	Calm	WSW 1	SW	SW	10.4
25	57.56	57.54	23	26.1	NNE 2	Calm	SW	W	36.1	58.57	57.29	25.9	31	Calm	SW 3			1
26	58.91	59.21	23.4	25.3	Calm	SW 2		SW	14	58.70	57.50	24.6	28	NNE 1	Calm		E	21.8
27	61.46	59.64	22.6	30.3	NNE 2	W 2			.5	57.07	55.74	24.3	30	N 1	Calm		NW	5.8
28	60.86	59.37	22.8	26.7	NNE 2	Calm		E	19	55.73	55.94	25	28.3	Calm	SSE 2	E		3.3
29	57.83	56.17	22.6	26.5	NNE 1	Calm	N	NNW	6.1	57.87	56.90	24.8	28.1	Calm	Calm	SE		
30	56.90	55.39	23	29	NNE 2	Calm	N	E	4.3	57.24	55.59	23.7	30.6	Calm	WNW 1		E	
31										57.35	56.75	23.1	30.4	NNE 1	N 2			
Mean	57.66	56.94	23.9	27.7	1.2	1.1				57.43	56.26	24.3	29.1	0.8	1.3			
Total									751.4									484

Day.	NOVEMBER.									DECEMBER.								
	mm.	mm.	°C.	°C.					mm.	mm.	mm.	°C.	°C.					mm.
1	58.61	57.23	22.7	30.1	NNE 1	W 1		E	2	58.35	57.08	22	28.7	NNE 1	NNE 3	E	E	
2	58.73	56.99	22.5	30.2	NNE 1	Calm				58.40	56.31	23	31	NNE 1	NW 1	E	NW	
3	58.35	56.66	22.8	29.2	NNE 1	NNE 2	E	E		56.73	55.13	22.6	30.3	NNE 1	NNW 2		E	
4	57.60	55.89	23.9	27.9	NNE 1	ESE 1		E	2	55.11	54.06	23	28.4	NNE 1	N 1	NE	NE	1
5	56.37	56.05	22	27.9	NNE 2	NNE 1		E	2	55.64	54.59	23	30.5	Calm	W 1		E	
6	54.54	52.39	25.5	24.4	NNE 1	NNW 2	NW	NW	155.4	56.37	54.95	20.4	28	NNE 1	Calm			
7	·53.08	53.58	25.4	25.5	SW 2	SSW 3	SW	SW	19.6	56.74	56.11	23	27.8	NE 1	Calm		E	.5
8	56.78	55.84	24.6	30	SSE 1	SSW 2	S		1.3	55.81	55.35	22.6	28	Calm	NNE 1			
9	57.84	57.26	24	28.8	NNE 1	SSW 2		SW	6.1	56.64	55.66	23.9	29.7	NNE 1	NNW 2	E		
10	59.63	58.13	24	28.6	NNE 2	SW 2			31	56.83	55.69	22.2	32	NNE 1	SSE 3		SE	.3
11	60.38	58.84	23.5	27.6	NNE 2	W 1	E	E	1.8	57.05	55.63	23.6	27.1	ENE 1	SE 1		E	12.2
12	59.10	58.20	23	27.6	NNE 1	Calm		E	5.8	58.03	56.19	23	27.9	NNE 2	Calm		E	11.7
13	59.19	57.80	22.4	28.5	NNE 1	NE 2			10.7	58.90	57.01	22.9	27	Calm	SSW 1		E	3.6
14	56.99	54.89	23	25.4	NNE 1	NNE 3		N	33.5	57.65	57.36	21.5	29.5	NNE 1	NNE 1		E	
15	54.21	54	24.8?	26.4	W 3	WSW 4	W	WSW	13.2	58.65	58.91	22.1	29	Calm	NE 1		E	10.2
16	55.49	55.17	25	25.1	NNE 1	SSW 3	S	SW	49.	59.82	57.39	22	29.1	NNE 1	N 1			
17	56.51	55.05	23.5	29	Calm	S 3	SW	SSW	34.8	59.17	58.01	22.2	29	NNE 1	NNW 2	E	E	.8
18	57.39	56.21	24.8	28	Calm	S 1	SSW	SW	13.7	58.33	57.05	22.5	26.6	NNE 1	Calm		E	.5
19	57.68	56.25	23.6	30	Calm	SSW 2	SW	SW	9.9	58.13	56.60	22.4	24.8	Calm	N 3	NE	N	24.4
20	57.46	56.44	23.5	30.4	Calm	SSW 2		SW		57.12	55.50	21.9	23.9	N 3	N 3	N	NW	42.4
21	58	57.56	23.6	27.1	NNE 1	Calm			1.3	57.53	54.80	24.4	24.4	Calm	N 2			23.9
22	58.94	57.53	22.5	29	NNE 1	W 1		NW		56.93	55.96	23	25.1	Calm	SE 2			57.9
23	58.39	56.79	22.5	29.9	NNE 2	Calm		E		58.69	57.56	23	28.5	NNE 1	SW 1		E	.8
24	58.11	56.83	22.6	30.5	Calm	NNE 1		E	.8	59.15	58.26	23.5	27.5	Calm	NNE 1		E	
25	57.81	56.93	21.8	30.5	NNE 1	NW 1		E		60.12	58.59	21.7	27.7	NNE 1	N 2			
26	57.64	56.03	21.5	31	Calm	NNE 1		E		59.76	58.48	22	29.1	NNE 1	N 2		E	
27	57.84	57.39	23	25	NNE 1	Calm	E	E	5.3	60.54	60.44	22	26.6	Calm	NNE 2	N	E	3.8
28	58.61	57.44	23	28.3	Calm	NNE 1		E		60.81	56.57	22.1	29.6	Calm	N 1	NE	ENE	
29	58.36	58.06	22.3	29.6	NNE 1	W 1		E		60.48	58.99	21.4	29.9	NNE 1	W 1		E	
30	58.54	57.28	21.8	30.7	NNE 1	W 1		E		59.13	57.27	22.4	30.3	NNE 1	N 2		E	
31										58.14	56.29	22.5	29.4	NNE 1	W 1	E	E	
Mean	57.61	56.49	23.3	28.4	1	1.5				58.09	56.80	22.5	28.3	0.8	1.4			
Total									399.2									194

MASBATE.

[φ=12° 22′ N; λ=123° 36′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.79 mm.]

JANUARY.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*							*mm.*
1	59.52	58.26	24.2	24.2	NE	3	N	3	NE	NE	9.1
2	59.39	57.62	23.4	25.6	Calm		W	3	NE	W	40.6
3	59.31	58.65	23.6	28.8	E	2	E	3	SE	E	.5
4	59.47	57.94	24.2	25.5	Calm		NNW	3	E	N	11.9
5	58.71	57.15	23.4	28.5	SE	1	E	2	SE	SE	.3
6	58.89	58.08	24	27.6	Calm		SE	1	SE	SE	.5
7	59.14	58.01	24	29	SSE	1	E	3	SE	SE	10.4
8	60.57	59.07	24.2	26.5	NE	3	NE	1	NE	NE	3.3
9	60.77	59.46	23.6	29.6	Calm		N	2	NE	NE	1
10	61.56	59.84	25	29	NE	2	E	3	NE	SE	1.5
11	60.64	59.57	23	29.4	SE	2	N	2	SE	NE	----
12	60.32	58.47	23.2	29.8	ESE	2	N	3	SE	N	----
13	59.64	57.75	22.8	28.8	S	1	WNW	3	S	NW	----
14	60.42	59.12	24	29	W	2	NW	3	W	NW	----
15	61.62	60.86	24.2	25	N	3	NE	4	N	NE	.5
16	61.79	60.62	23.5	26.6	Calm		NE	4	NE	NE	----
17	60.72	59.12	23.6	28.4	NE	3	N	3	NE	N	1
18	60.19	58.87	23.4	27.5	W	2	NNW	4	W	NW	----
19	60.94	60.30	24.2	29	SE	1	E	3	SE	SE	----
20	61.59	60.25	24.5	31.6	NE	1	SE	2	SE	SE	----
21	61.49	60.15	25	30.2	E	3	E	3	SE	SE	----
22	61.49	60.04	24.4	29.5	E	1	NNW	3	E	NW	5.3
23	61.02	60.02	24.4	29	ENE	3	ENE	3	SE	SE	.5
24	60.82	58.97	24.5	28.6	E	1	E	3	SE	E	.8
25	60.07	59.15	24	30.2	SW	2	E	3	SE	SE	----
26	60.42	59.40	24	30	E	2	SE	3	SE	SE	----
27	----	58.97	----	29	----		NW	2	----	E	----
28	59.16	57.82	24.5	29.4	NNW	1	WNW	2	SE	WNW	----
29	57.67	----	23.5	----	SE	1	----		----	----	----
Mean	60.26	59.05	23.9	28.4		1.5		2.8	----	----	----
Total	----	----	----	----	----		----		----	----	87.2

FEBRUARY.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*							*mm.*
1	----	----	----	----	----		----		----	----	16
2	59.54	59	23	29.4	Calm		NE	2	E	E	1
3	59.26	58.57	23.5	30	Calm		E	3	SE	SE	----
4	----	59.99	----	29.4	----		E	3	----	SE	2.5
5	62.37	61.52	23.6	29.5	E	3	E	3	E	SE	----
6	62.09	60.65	24.5	29.5	E	3	NE	4	SE	NE	.3
7	62.94	61.64	24.5	28.6	N	3	NE	4	NE	NE	----
8	63.17	61.57	24.5	28.5	N	3	E	3	NE	E	----
9	63.17	61.05	23.8	30	E	1	E	3	E	E	----
10	62.07	61.10	22.6	29	E	1	E	3	E	E	----
11	62.49	60.62	23.8	30	NW	3	E	2	NW	E	----
12	61.87	61.37	24.8	24.2	N	3	N	2	N	N	7.1
13	61.73	60.54	24	24	NE	2	N	3	NE	N	10.7
14	61.12	60.05	23.8	24.4	NE	2	E	3	E	E	6.1
15	60.22	59.40	23.5	29.5	E	1	E	3	E	E	2
16	60.84	59.32	24.6	28.2	E	2	N	2	E	N	12.4
17	60.02	59.27	24.5	29	NE	2	E	3	E	E	----
18	60.07	59.30	23.2	31.5	Calm		E	2	SE	E	----
19	59.60	59.10	24.5	29.6	Calm		SE	2	E	SE	----
20	60.12	58.82	23.6	31.5	Calm		E	3	SE	E	----
21	60.10	58.50	24.8	33	E	1	E	3	E	SE	----
22	60.42	58.97	24.5	31.6	SE	1	E	2	SE	E	----
23	60.17	59.06	24.6	29.6	Calm		SE	3	SE	SE	----
24	59.72	58.80	23.5	----	SE	1	----		SE	----	----
25	60.37	59.35	23	31.4	E	1	E	3	SE	SE	.5
26	60.82	59.75	24.5	33	E	1	E	3	SE	E	----
27	60.97?	59.77	24.6	31.8	E	1	NE	3	E	NE	----
28	59.79	59.30	23.6	29.5	SW	2	NW	2	E	NW	----
29	----	----	----	----	----		----		----	----	----
Mean	60.96	59.91	24	29.4		1.4		2.8	----	----	----
Total	----	----	----	----	----		----		----	----	58.6

MARCH.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*							*mm.*
1	60.17	58.75	24.5	32.6	NW	3	E	3	NW	E	----
2	59.97	59.36	23.8	31	Calm		E	3	SE	E	1.8
3	60.44?	59.02	24.5	32.5	NE	2	NE	3	NE	E	1.5
4	60.12	59.20	24.2	32.6	E	1	E	3	E	E	----
5	60.77	59.92	24	32	E	1	NE	3	E	NE	2
6	61.16	60.30	24.6	33	E	2	SE	3	E	SE	----
7	60.40	59.31	25.2	33	E	1	E	2	E	SE	----
8	60.14	58.59	24.6	32.8	E	1	E	3	E	E	----
9	59.59	58.69	24	33	E	2	E	3	E	E	----
10	59.50	58.45	25	33.2	E	1	E	3	E	E	.5
11	59.89	58.07	24.6	31.6	Calm		E	3	E	E	----
12	58.44	57.82	24.5	29.8	NW	3	E	3	NW	E	2
13	59.31	58.40	24.4	29.4	Calm		N	3	E	N	----
14	60.37	59.75	25.2	27	N	3	E	3	N	E	.5
15	60.37	59.82	25.2	31.6	NE	3	NE	3	NE	NE	4.8
16	60.27	58.94	24.4	28.2	E	1	NW	3	E	NW	5.8
17	59.64	58.65	24.2	28.5	SE	1	NW	3	SE	NW	.5
18	59.84	58.62	24.5	32.4	E	1	E	3	E	E	.5
19	60.24	59.17	24.6	29.2	Calm		N	3	E	NE	1.3
20	59.72	58.52	25.2	31.4	N	3	NE	3	N	NE	9.4
21	58.34	57.02	24.5	25	N	3	NW	4	N	NW	18.3
22	57.74	55.90	24.6	28	NW	3	NNW	3	NW	NW	13.7
23	56.22	56.94	25	25.2	E	3	E	3	E	E	11.7
24	58.64	57.92	24.6	31.2	E	2	E	3	SE	E	----
25	60.44	----	25.2	----	E	2	----		E	----	0.3
26	61.82	60.50	24.6	27.5	Calm		NNE	2	E	NE	1.8
27	61.99	60.95	24.8	32	E	2	E	3	E	E	1.5
28	62.14	60.70	24.6	32.4	E	1	E	3	E	E	----
29	61.42	60.55	24.8	32.5	Calm		E	2	E	E	----
30	61.37	59.87	25	32.8	E	1	E	3	E	E	----
31	60.60	59.62	24.8	33.4	E	2	E	2	E	E	----
Mean	60.03	58.98	24.6	30.8		1.5		2.9	----	----	----
Total	----	----	----	----	----		----		----	----	77.9

APRIL.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*							*mm.*
1	60.90	59.60	25.2	33.8	E	2	NE	3	E	E	----
2	60.42	59.90	25	32	E	1	E	3	E	E	----
3	61	59.95	25.6	31.6	E	1	N	3	E	E	----
4	60.80	59.93	26	33.4	E	3	E	3	E	E	----
5	60.47	59.90	23.8	33.2	E	2	E	3	E	E	----
6	60.14	58.57	24.6	31.5	E	1	N	3	E	N	----
7	59.16	57.94	24.2	28	Calm		SW	2	E	----	----
8	59.65	58.65	25.2	31	Calm		E	3	E	E	----
9	60.37	58.80	25.5	33	E	3	E	3	E	E	----
10	60.40	59.25	24.8	33.8	E	1	E	3	E	E	----
11	60.30	----	25.5	----	E	2	----		E	----	----
12	60.82	60	25	34.2	E	1	E	3	E	E	----
13	60.45	59.23	25.5	33.5	E	2	E	3	E	E	----
14	59.57	58.46	26	35	E	1	E	3	E	E	----
15	59.70	58.15	26	32.2	E	2	E	3	E	E	----
16	58.82	58.12	25.5	34.6	E	2	SE	3	E	SE	----
17	59.62	58.27	25.2	33.6	SE	2	E	3	E	E	----
18	59.82	59.08	24.5	34.2	E	2	E	3	E	E	----
19	60.12	58.27	25.8	34	E	1	E	3	E	E	----
20	59.22	58	25	33.5	SE	2	E	3	E	E	----
21	59.34	58.40	25.6	33.8	E	2	E	2	E	E	----
22	59.80	58.60	25.2	33.2	E	3	E	3	E	E	----
23	59.67	58.30	25.2	32.5	Calm		E	3	E	E	----
24	59.43	58.20	25.2	33	SE	2	E	3	E	E	----
25	59.55	----	25.2	----	Calm		----		E	----	----
26	59.55	58	25	32.4	E	2	E	2	E	E	----
27	59.32	57.80	25.4	33.4	SE	1	E	3	E	E	----
28	58.87	----	25.5	----	E	2	----		E	----	----
29	58.79	57.48	25.4	33.8	SE	1	E	3	E	E	----
30	58.67	57.50	25.6	33	E	1	NE	2	E	E	----
31	----	----	----	----	----		----		----	----	----
Mean	59.82	58.68	25.2	33		1.5		2.9	----	----	----
Total	----	----	----	----	----		----		----	----	----

The barometric readings of this station seem to be about 0.30mm too high.

MASBATE.

[φ=12° 22′ N; λ=123° 36′ E; barometer above sea, 3.5 meters; gravity correction not applied, −1.79 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.							mm.	mm.	mm.	°C.	°C.							mm.
1	58.22	57.56	26.2	33	E	1	E	3	E	E	------	58.12	57.28	26.8	34.5	SE	1	SE	2	------	------	------
2	58.68	58.13	26.4	32.5	E	1	E	3	E	E	------	58.97	57.28	27.2	34.6	E	2	SE	3	E	SE	------
3	59.25	58.28	26.5	34	E	2	E	3	E	E	------	58.15	57.38	27.2	32	SE	3	E	3	SE	E	------
4	58.82	58.03	27	34.6	E	1	E	3	E	E	------	58.72	57.60	27.2	34.4	E	3	E	3	E	E	5.6
5	58.30	57.10	26.6	32	E	2	E	3	E	E	------	58.70	57.65	26.6	29	E	1	SE	3	E	SE	6.1
6	57.92	56.95	27.4	33.2	E	3	E	3	E	E	------	58.45	57.33	26.8	33.5	SE	2	SE	2	SE	SE	------
7	57.65	56.78	26.6	31.6	Calm		E	3	E	E	------	58.77	57.95	27	33.8	SE	2	SE	3	SE	SE	------
8	57.50	56.89	26.6	34	E	1	E	3	E	E	------	59.07	58.48	27	32.4	E	2	E	3	E	SE	------
9	57.85	57.07	26.6	29.6	E	1	N	2	E	N	41.9	59.50	57.70	27.2	33.2	E	2	SE	3	E	SE	------
10	59.40	58.70	24.8	27.6	E	1	E	2	E	E	16.8	59.10	57.30	26.5	34.8	Calm		E	3	------	E	------
11	60	58.25	25.2	32.5	Calm		E	3	E	E	------	58.57	57.53	27	33.8	SE	1	SE	3	SE	SE	------
12	59.15	58.41	26.5	31.4	E	1	E	1	E	E	------	58.75	57.93	27.6	33.5	E	1	SE	3	E	SE	------
13	58.68	57.73	26.2	32.4	Calm		E	3	E	E	------	59.80	59.14	27.5	31	E	2	N	3	E	N	------
14	58.42	57.76	26	32.6	SW	2	E	3	E	E	3.3	59.60	58.38	26.6	35	E	2	E	3	E	E	------
15	58.99	57.50	24.6	33.4	Calm		E	3	E	E	------	60	------	26.5	------	SW	2	------		SW	------	.5
16	59.14	57.93	25.5	31.2	Calm		N	3	E	N	------	59.92	59.20	26	28	SW	2	SW	3	SW	SW	4.6
17	58.95	58.43	26.8	28.8	Calm		SW	3	NW	SW	10.9	60.27	59.50	25.5	27.6	SW	3	SW	3	SW	SW	------
18	59.60	58.73	26.4	32.8	SW	1	E	2	E	E	------	59.91	59.20	26.5	30.2	SW	3	SW	3	SW	SW	------
19	59.82	58.75	27.2	32.2	E	2	E	3	E	E	------	59.31	58.03	26.8	29.5	SW	3	SW	3	SW	SW	------
20	59.09	57.95	26	33.8	E	2	E	3	E	E	.3	58.77	57.48	26.6	30.5	SW	3	S	3	SW	S	------
21	58.62	58.13	27	34	E	2	SE	3	SE	SE	------	57.64	56.75	26	29.4	SW	3	SW	3	SW	SW	------
22	59.62	58.38	26.5	------	SE	2	E	3	SE	E	------	57.82	57.89	26.5	24.8	SW	2	Calm		SW	------	25.4
23	61.02	59.48	26	33.6	E	1	E	3	E	E	7.4	57.77	57.77	26.4	28.8	W	2	W	2	SE	SE	------
24	60.07	58.18	25.5	32.8	Calm		E	3	E	E	------	58.68	57.50	26.2	32.6	NE	2	NE	3	NE	NE	------
25	59.07	56.80	27	32.4	E	2	E	3	E	E	------	58.62	57.25	26.8	31.4	E	1	E	2	E	E	------
26	58.80	56.98	26.8	32	E	2	E	3	E	SW	2	58.58	57.23	26	29.4	SW	2	W	3	SW	W	------
27	58.82	57.30	25.8	33.6	SW	3	E	3	SW	SW	------	58.19	57.55	26	29.6	SW	3	SE	3	SW	SE	8.6
28	58.97	56.93	26.8	33.5	SW	2	E	3	SW	E	1.5	58.02	57.68	26.5	33.4	Calm		E	3	E	E	------
29	58.27	57.58	26.6	28.2	E	1	SW	3	E	SW	.3	59.52	58.25	25.8	33.8	Calm		NE	3	SE	E	------
30	57.12	56.85	27	28.4	E	1	SE	2	E	SE	------	59.35	58.07	26.5	31.5	SW	2	NW	3	E	NW	------
31	57.12	56.45	27.5	31	E	1	WSW	3	SE	S	------	------	------	------	------	------		------		------	------	------
Mean	58.80	57.74	26.4	32.1		1.2		2.8	------	------	------	58.89	57.87	26.6	31.6		1.9		2.7	------	------	------
Total	------	------	------	------	------		------		------	------	84.4	------	------	------	------	------		------		------	------	50.8

Day.	JULY.											AUGUST.										
	mm.	mm.	°C.	°C.							mm.	mm.	mm.	°C.	°C.							mm.
1	57.72	56.25	27	34.4	E	1	E	3	E	E	------	58.15	57.71	27.5	30.2	SW	3	SW	3	SW	SW	------
2	56.57	55.78	26.6	32.4	Calm		E	3	E	E	------	56.99	56.75	27	30.2	SW	3	SW	3	SW	SW	------
3	56.75	56.38	27	31.5	SE	1	SE	3	SE	SE	4.1	57.45	56.50	26.6	30	SW	2	S	3	SW	S	2
4	57.37	57.28	26.6	27.5	SE	3	SW	3	SE	SE	2	57.62	56.85	25.8	30.5	S	2	SW	3	S	SW	2
5	57.99	56.65	26	32.8	E	3	E	2	SE	E	2.3	58.47	57.68	25	30.6	SW	3	SW	3	SW	SW	------
6	57.64	57.15	25.6	29	E	1	E	3	SE	E	12.7	58.54	58.01	26.4	31.2	S	3	SW	3	SW	SW	------
7	57.87	57.25	25.2	27.4	SW	3	SW	3	SE	SW	6.4	58.72	57.70	26	31.2	SW	2	NNW	3	SW	NW	------
8	58.39	57.62	25.2	24.8	SE	1	SW	2	SE	SW	49.8	59.10	57.52	26.5	28.5	SW	2	SW	1	SW	SW	------
9	59.07	57.06	25.8	31	SW	2	NW	3	SW	SW	------	59.37	58.77	26.5	31.5	SW	2	SW	3	SW	SW	------
10	57.62	57	26.6	29.6	SW	3	S	3	SW	SW	9.1	59.62	58.80	27	30.6	SW	2	SW	3	SW	SW	------
11	57.57	57.07	24.2	25.5	S	2	SW	2	SE	SW	29	59.55	58.15	25.5	30.5	SW	3	SW	3	SW	SW	------
12	56.99	56.29	25	25	SE	1	S	3	SW	SW	38.6	58.84	56.95	27	31.2	SW	2	NW	2	SW	SW	------
13	57.79	57.08	25.4	29.5	S	2	S	3	S	S	------	58.84	58.50	25.4	28.8	SW	3	SW	3	SW	SW	------
14	59.05	57.65	24.6	30.4	S	2	SW	3	SE	SW	2	59.41	59.47	27	29.5	SW	2	S	3	SW	SW	4.3
15	59.29	58.06	24.5	33	Calm		E	3	SW	E	1	59.52	58.23	25.8	29	SW	2	SW	3	SW	SW	------
16	59.54	58.12	25.2	31	S	2	NNW	3	SW	NW	18.8	57.94	56.99	25.6	30.6	SW	1	SW	3	SW	SW	------
17	57.99	57.12	24.6	28	SW	3	SE	3	SW	SE	13.7	57.67	57.03	26.2	30.2	S	3	SW	3	SW	SW	------
18	57.57	57.43	25.4	29.4	SE	1	NE	2	SE	S	7.4	58.17	59.27	26.6	25.5	SW	3	SW	1	SW	SW	19.3
19	59.87	58.02	25.5	29	SW	2	SE	2	SW	SE	2.8	59.55	59.11	25.6	29	S	2	SW	2	SW	SW	------
20	59.39	58.62	26	28.2	SW	3	SW	2	SW	W	10.9	59.12	57.76	25.6	29.9	SW	2	SW	2	SE	SE	------
21	58.12	57.50	24.4	25.5	SW	3	SW	1	W	SW	41.7	58.32	57.48	25.4	33.5	Calm		SE	2	SE	SE	------
22	57.89	57.40	24.2	26.4	SW	3	NNW	2	SW	NW	6.1	58.92	58.15	26.8	33.5	SE	2	SE	2	SE	SE	------
23	58.22	57.22	25	28.5	Calm		SE	3	SW	SE	29.2	58.95	57.88	26.5	33.6	SE	2	SE	3	SE	SE	------
24	57.09	56.12	24.6	27	Calm		SW	2	------	SW	1.8	58.92	57.68	27	34	SE	1	SE	3	SE	SE	------
25	56.07	55	26	29.2	SW	2	SW	3	SW	SW	.8	58.32	57.05	27	33.6	SE	2	SE	3	SE	SE	------
26	56.15	55.05	26.8	30	SW	2	SW	3	SW	SW	8.9	57.84	57.13	25.6	34.2	SE	1	SE	3	SE	SE	3.3
27	56.22	55.58	27	30	SW	3	SW	4	SW	W	29.5	58.60	57.43	27.2	34.5	Calm		SE	2	SE	SE	------
28	55.02	53.48	27	29.2	S	3	SW	3	SW	SW	1	58.56	57.25	27.2	34.2	SE	1	SE	3	SE	SE	------
29	54.27	53.28	27.2	25	S	4	SW	3	SW	SW	2.8	57.97	56.70	26.6	34.2	SE	2	E	2	SE	SE	------
30	57.04	57.30	26.8	29	SW	3	SW	3	SW	SW	------	57.87	57.15	27.2	32.6	Calm		SE	2	SE	SE	------
31	58.27	57.65	27.2	29.5	SW	3	SW	3	SW	SW	.3	58.02	56.79	27	34.2	Calm		SE	3	SE	SE	------
Mean	57.63	56.76	25.7	29		2		2.7	------	------	------	58.55	57.69	26.4	31.3		1.9		2.6	------	------	------
Total	------	------	------	------	------		------		------	------	332.7	------	------	------	------	------		------		------	------	30.9

MASBATE.

[ϕ=12° 22′ N; λ=123° 36′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.79 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	58.22	57.08	27	35	SW 1	SE 3	SE	SE	------
2	57.87	57.23	26.5	34	SE 1	SE 2	SE	SE	3.3
3	58.49	57.13	25.6	32	SW 2	SE 2	SE	SE	7.9
4	58.32	56.50	25	28.2	Calm	SW 3	SE	SW	.3
5	57.54	56.24	25.6	27.8	SW 3	SSW 3	SW	SW	1
6	57.49	56.15	25.6	27.8	SW 2	SW 3	SW	SW	3.8
7	56.99	55.83	25.8	30.5	SW 3	SW 3	SW	SW	1.8
8	56.64	55.97	26.2	28.5	SW 3	SW 3	SW	SW	.5
9	56.69	56.23	26.8	29.5	SW 3	SW 3	SW	SW	------
10	57.67	56.79	26.2	30.5	SW 3	SW 4	SW	SW	------
11	57.97	56.62	27.6	29	SW 3	SW 4	SW	SW	------
12	56.53	55.46	26.6	28.8	SW 2	SW 3	SW	SW	------
13	56.89	55.43	26.2	30.4	SW 3	SW 3	SW	SW	15.2
14	55.77	54.50	26	31	SW 3	SW 3	SW	SW	------
15	55.23	54.73	26.5	30.6	SW 3	SW 3	SW	SW	.5
16	56.62	55.54	27.4	27	SW 3	SW 3	SW	SW	27.9
17	56.19	53.30	26.5	28.6	SW 3	SW 4	SW	SW	1.3
18	56.19	54.87	25.2	27.6	SW 4	SW 3	SW	SW	8.4
19	56.44	56.17	26	27.4	SW 2	S 3	SW	SW	2
20	57.97	56.65	25.5	31	SW 2	S 3	SW	SW	------
21	58.39	57.58	25	32	S 1	SW 2	SW	SW	------
22	60.12	58.60	25.8	32.6	S 1	N 2	SW	SW	------
23	59.55	58.27	27	28	W 2	NW 3	NW	NW	3.8
24	58.64	57.15	25.5	29.2	Calm	SE 2	SE	SE	.8
25	58.12	57.15	25.6	28	SW 3	S 3	SW	SW	.3
26	59.32	58.38	26	30	S 2	S 2	S	SW	.5
27	61.60	60.48	25.4	29.5	SW 2	NW 3	SW	NW	------
28	60.77	59.35	25.2	32	Calm	N 3	NW	N	------
29	57.97	56.22	27.2	29.5	NW 2	NW 2	NW	NW	28.4
30	57.27	56.12	24	30.6	Calm	NE 2	SE	E	------
31	------	------	------	------	------	------			------
Mean	57.78	56.59	26	29.9	2.1	2.8	------	------	------
Total	------	------	------	------	------	------	------	------	107.7

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.99	56.75	26.2	31	SW 2	N 3	NW	N	1.3
2	58.04	56	25.5	28	SW 3	SW 3	SW	SW	1
3	57.57	56.13	25.8	26.5	SW 3	SW 3	SW	SW	2.5
4	56.84	55.04	25.6	29	SW 3	SW 3	SW	SW	3
5	56.55	54.95	25.8	29.2	SW 3	S 3	SW	SW	2
6	56.10	56.11	26.2	29	SW 3	S 3	SW	SW	2.5
7	58.12	57.33	26.6	30.6	S 3	S 3	SW	SW	7.4
8	59.09	58.42	26.2	26.2	SW 2	SE 2	SW	SW	26.2
9	59.42	57.47	25	29.2	SW 2	NW 2	SW	SW	1
10	58.48	56.77	26.2	28.2	SW 3	NW 3	SW	NW	1
11	57.67	57.03	25.6	30.8	SW 1	SE 3	SE	SE	------
12	59.37	58.58	26.2	31	E 2	E 3	SE	SE	------
13	59.65	57.93	26.5	32	Calm	E 2	SE	SE	.8
14	58.89	56.95	26	30.2	SE 2	NW 3	SE	NW	------
15	56.92	55.50	26	30.8	SE 2	NW 3	NW	NW	------
16	55.35	53.60	27	29.6	SW 3	W 3	SW	W	.8
17	52.62	51.73	27.5	29.8	S 3	SW 4	SW	SW	------
18	54.52	54.13	27.5	30.8	S 3	S 4	S	SW	------
19	56.64	55.90	26.5	29.2	SW 3	NW 3	SW	S	------
20	58.62	56.90	25.6	31.6	SW 2	NNW 3	SW	NW	------
21	59.72	58.13	26	32.8	Calm	SE 3	SW	SE	------
22	59.31	57.05	27	30.2	W 3	NW 3	SW	NW	45.2
23	55.72	53.36	25.8	25	WNW 3	SW 4	NW	SW	30.2
24	56.64	56.65	27.2	32	S 3	ESE 3	S	SW	11.9
25	59.14	58.30	26	31.2	Calm	E 3	SE	SE	2.5
26	59.85	57.90	25.6	31.8	SE 1	ENE 3	SE	NE	.8
27	59.22	57.40	26.6	31.5	E 3	E 3	NE	E	17
28	57.97	56.93	27	31.2	E 3	E 3	E	E	------
29	59.09	57.45	26.8	28.5	Calm	E 2	NE	E	------
30	58.99	57.48	26.2	31.6	E 3	E 3	E	E	------
31	59.19	58.23	26.2	31.2	E 2	E 3	E	E	------
Mean	57.85	56.52	26.3	30	2.2	3	------	------	------
Total	------	------	------	------	------	------	------	------	157.1

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	59.62	58	24.6	32.6	E 1	E 3	E	E	------
2	59.52	57.98	26	29.8	NE 2	NNW 3	NE	NW	------
3	58.60	57.10	------	------	------	------	------	------	------
4	57.80	55.70	------	------	------	------	------	------	------
5	57.10	55.80	------	------	------	------	------	------	30.5
6	54.74	49.39	26.2	------	NW 7	NNE 9	NW	------	108.7
7	55.59	55.15	24.5	29.5	SE 5	E 3	SE	E	2.8
8	57.67	55.82	25	30.6	SE 2	SW 3	SE	S	.5
9	58.94	58.15	25.5	27	SE 1	SW 3	SE	SW	.3
10	60.57	58.72	25.5	28.5	Calm	NW 3	SE	W	------
11	60.52	59.10	25	31.2	SE 2	N 3	SE	NE	5.6
12	60.60	58.75	25	31.2	Calm	NE 3	NE	NE	------
13	59.85	58.75	25.4	27.2	W 3	W 3	N	NW	7.9
14	57.30	52.94	24.2	23.5	NW 3	NW 8	NW	NW	50.5
15	52.61	53.02	24.2	28	S 5	SSE 4	SW	S	31
16	55.87	54.93	26.6?	30.2	S 3	S 3	SE	SW	2.5
17	57.19	55.65	25	31	Calm	NW 3	SW	SW	14.7
18	57.64	56.20	25.6	29	S 3	S 3	S	SW	8.4
19	57.89	55.98	24.5	29.5	SW 2	SW 3	SW	SW	------
20	58.12	56.68	25	30.4	SW 2	S 3	SW	SW	------
21	58.89	58.01	25	28.2	SW 2	SW 3	SW	SW	3.3
22	59.80	58.15	25	29.8	SW 1	E 1	SE	E	------
23	59.55	57.93	25.2	30.5	Calm	SE 3	NE	E	------
24	59.37	58	25	30.2	Calm	SE 3	E	SE	------
25	59.19	58.07	25.5	31.2	NE 2	N 3	NE	NE	6.6
26	59.07	57.77	24.8	29	SE 1	NE 3	NE	NE	20.6
27	59.09	57.93	24.5	25.4	N 3	Calm	N	NE	1.8
28	59.92	58.67	25	28.8	NE 3	E 3	NE	E	------
29	60.06	59.18	24.2	30	SE 1	NE 2	NE	NE	1.8
30	60.20	59.30	25	------	E 2	------	E	------	10.9
31	------	------	------	------	------	------	------	------	------
Mean	58.43	56.89	25.1	29.3	2.1	3.2	------	------	[1] 308.4
Total	------	------	------	------	------	------	------	------	------

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	60.15	59.17	25.5	25	N 3	N 3	NE	NE	21.3
2	59.62	57.62	24	30	Calm	N 3	NE	NE	------
3	58.20	56.32	25.6	25.5	N 2	NW 3	NE	NE	15.2
4	56.47	55.22	25.2	28.2	NNW 3	NNW 3	N	N	.8
5	57.17	56.66	25.6	28.4	N 3	N 3	N	N	------
6	57.96	56.62	24.8	26.5	N 3	NNW 3	N	NE	1.5
7	57.94	56.67	25.5	29	N 3	N 3	N	N	------
8	57.09	55.92	25.5	27.4	N 3	NNW 3	N	N	------
9	57.94	56.60	24	28.8	SW 1	NNW 2	SW	NW	------
10	57.59	56.90	24.6	26.8	Calm	S 3	NE	SE	2.8
11	57.91	56.75	23.5	26.5	SE 2	SW 3	------	SW	24.6
12	58.96	57.10	24.8	27.6	SE 1	SE 2	SE	SE	5.1
13	59.36	57.80	24	28.2	Calm	SE 3	SE	SE	------
14	59.21	58.32	23.6	30.5	SE 1	E 3	SE	SE	------
15	60.02	58.95	24	30.6	Calm	NE 2	SE	NE	------
16	60.71	59.02	24.4	29.5	SE 1	NW 2	SE	NW	------
17	60.03	58.55	25.8	28.6	N 2	NNW 4	N	NW	50.8
18	59.14	57.97	23	26.8	Calm	N 4	N	N	1.8
19	59.01	56.99	25.2	25.2	NNW 6	NNW 7	N	N	12.7
20	56.86	55.42	23.6	25.2	NNW 4	NNW 6	N	N	1.3
21	56.67	55.57	25.4	27	NNW 3	NNW 4	N	N	14.7
22	57.46	56.02	24.5	26.6	NNW 3	NNW 3	N	N	5.8
23	58.96	57.70	24	29	SW 3	NNW 3	SW	N	28.2
24	60.22?	59.05	24	25	NW 3	NW 3	NW	NW	17.5
25	------	------	------	------	------	------	------	------	------
26	------	------	------	------	------	------	------	------	42.9?
27	62.62	62.59	23.8	23.4	N 3	N 2	N	N	48.5
28	63.07	61.55	24.2	28.5	NNW 3	NE 3	NE	NE	6.4
29	61.94	60.57	23	30	SE 2	NE 2	NE	NE	------
30	60.40	58.80	------	------	------	------	------	------	------
31	59.65	58.48	24.5	24.2	NE 1	E 1	NE	NE	6.4
Mean	59.05	57.76	24.5	27.4	2.1	3.1	------	------	------
Total	------	------	------	------	------	------	------	------	308.3?

[1] 27 days of observation.

ROMBLON.

[ϕ=12° 35′ N; λ=122° 16′ E; barometer above sea, 7 meters; gravity correction not applied, —1.78 mm.]

JANUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*							*mm.*
1	58.38	57.38	24.5	25.5	N	5	N	5	NE	NE	4.6
2	58.79	57.37	23.8	28.4	NNE	4	NNE	3	NE	NE	25.9
3	57.69	57.64	24.2	26.9	NNE	3	NNE	2	E	NE	
4	58.06	57.20	24.8	27.3	ENE	3	NE	2	NE	ENE	.3
5	57.57	56.64	24.8	27.6	NE	2	NE	2	NE	NE	.5
6	58.01	57.63	24.5	28.8	NE	2	NE	3	NE	NE	
7	58.24	57.35	24.6	28.3	NE	2	NE	3	NE	NE	
8	58.62	58.56	24.7	27.3	NE	3	NE	3	NE	NE	2.3
9	59.67	59.14	24.5	27.8	NE	3	NE	3	NE	NE	.5
10	60.12	59.43	24.8	28.4	NE	5	NE	3	NE	NE	
11	59.34	59.01	24	28.8	NE	3	NE	4	NE	NE	
12	59.26	58.08	24.3	29.1	NE	3	NE	3	NE	NE	
13	58.28	57.29	21.5	28.3	Calm		NE	2	NE	NE	
14	59.33	58.71	21.6	27.1	NE	2	NNE	4		NE	6.4
15	60.61	59.70	24.2	27.6	NE	4	NE	4	NE	NE	
16	60.87	59.93	23.8	27.3	NNE	3	NNE	4	NE	NE	
17	59.99	58.54	23.8	28.4	NNE	5	NE	4	NE	NE	.3
18	59.18	58.36	23.6	27.2	NE	3	NNE	4	NE	NNE	.5
19	59.58	59.50	23.5	29.1	NE	2	NE	2	NE	NE	
20	60.95	59.74	24.7	29.2	NE	4	NE	3	NE	NE	4.1
21	60.20	59.34	24.8	28.5	NNE	4	NE	3	NE	NE	
22	60.37	59.78	24.7	28	NE	4	NE	3	NE	NE	
23	59.97	59.25	24.7	29.8	NE	4	NE	3	NE	NE	
24	59.78	58.29	24.6	29.3	NE	5	NE	4	NE	NE	.5
25	59.30	58.50	24.8	28.4	NE	2	NE	3	NE	NE	1
26	59.47	58.74	24.8	28.8	NE	3	NE	3	NE	NE	
27	59.38	58.26	24.8	29.6	ENE	3	NE	4	NE	NE	
28	58.47	57.05	24.8	30.7	NE	2	NE	3		NE	
29	57.67	57.08	24.4	28	NE	2	NE	3	NE	NE	.5
30	58.64	57.89	24.4	27.4	NE	4	NE	4	NE	NE	3
31	58.32	58.41	24.4	25.8	NE	5	NE	4	NE	NE	.8
Mean	59.16	58.38	24.2	28.2		3.2		3.2			
Total											51.2

FEBRUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*							*mm.*
1	58.90	58.14	23.5	28.7	ENE	3	NE	4	ENE	NE	
2	59.16	58.37	23.9	26.8	NE	4	NE	4	NE	NE	1
3	58.34	58.14	24.7	27.9	NE	4	NE	4	NE	NE	
4	58.97	59.18	24.7	29.7	NE	3	NE	3	NE	NE	1
5	61.16	60.57	24.7	29.2	NE	4	NE	4	NE		
6	61.47	60.09	24.6	27.8	NE	4	NE	4	NE	NE	2.8
7	61.95	60.94	24.6	29.4	NNE	5	NNE	4	NNE	NE	2.5
8	62.52	60.85	24.4	28.2	NE	4	NNE	4	NE	NE	
9	62.07	60.60	24.4	28.8	ENE	2	ENE	4	NE	NE	
10	61.95	60.35	22.8	27.6	NE	2	NE	4	NE	NE	
11	61.70	60.27	23.3	29.5	NE	3	NE	4	NE	NE	
12	61.35	60.68	24.4	26.2	NE	3	NE	4	NE	NE	1
13	60.87	59.99	24.3	25.8	NE	3	NNE	5	NE	NNE	11.2
14	60.43	59.38	23.4	24.3	NNE	5	NE	4	NNE	NE	4.6
15	59.14	58.88	24	26.2	NE	3	NE	3	NE	NE	2
16	59.86	59.01	24.4	28.7	NE	3	NE	4	NE	NE	25.7
17	59.37	58.57	24.2	26.7	NE	4	NE	4	NE	NE	6.1
18	59.09	58.67	24.4	27.7	NE	2	NE	4	NE	NE	27.2
19	58.71	58.38	24.7	29.2	Calm		NE	4	NE	NE	.3
20	59.02	58.13	24.6	28.8	NE	2	ENE	3	NE	E	.3
21	59.22	58.13	24.7	29.7	ENE	4	ENE	4	ENE	ENE	2
22	59.40	58.58	24.6	29.8	E	3	E	3	E	E	
23	59.23	58.55	24.5	29	E	3	NE	3	E	NE	6.6
24	58.47?	58.10	24.3	29.3	ENE	4	NE	4	ENE	NE	
25	59.27	58.65	24.7	29.9	Calm		NE	4	ENE	NE	
26	59.63	59.06	24.6	29.5	ENE	4	NE	4	ENE	NE	
27	59.87	59.04	23.2	30.2	NE	3	NE	4	NE		.5
28	58.66	58.98	24.6	28.5	ENE	4	NE	4	NE	NE	.3
Mean	59.99	59.22	24.3	28.3		3.1		3.9			
Total											95.1

MARCH.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*							*mm.*
1	59.12	58.07	24.6	30.1	NE	3	NE	4	NE	NE	
2	58.93	58.78	24.6	30	NE	4	NE	4	NE	NE	0.3
3	59.27	58.49	24.6	30	NE	4	NE	4	NE	NE	.3
4	59.07	58.48	24.6	30.2	NE	2	NE	4	NE	NE	
5	59.86	59.25	24.6	30.3	NE	4	NE	5	NE	NE	
6	60.21	59.45	24.6	30.4	ENE	4	NE	3	ENE	NE	
7	59.38	58.83	24.7	30.9	ENE	2	NE	3	NE	NE	
8	58.88	57.95	24.4	30.2	Calm		NE	4	NE	NE	
9	58.55	58.03	24.6	30.8	ENE	3	ENE	3	NE	E	
10	58.25	58.10	24.6	30.7	NE	3	NE	4	NE	NE	
11	58.06	57.43	24.6	30.3	NE	3	NE	3	NE	NE	
12	57.77	56.90	23.9	30.2	NE	4	NE	4	NE	NE	3.3
13	58.41	57.66	24.6	27.5	ENE	3	ENE	3	E	ENE	
14	59.56	58.78	24.6	30.7	NE	4	NE	3	NE	NE	
15	59.37	58.81	24.7	28.8	NE	4	NE	3	NE	NE	11.2
16	59.42	58.36	24.4	28.2	NE	3	NE	3	NE	NE	4.8
17	58.88	57.84	24	30.5	NE	2	NE	4	NE	NE	16
18	58.77	58.15	24.8	29.8	NE	4	NE	4	NE	ENE	3.3
19	59.21	58.88	24.5	27.8	NE	2	NE	4	NE	NE	.5
20	59.12	57.98	24.5	29.2	NE	3	NE	4	NE	NE	
21	57.56	57.22	24.6	25.9	NNE	5	NE	4	N	NE	9.7
22	57.67	56.52	24.3	26.7	NNE	5	NNE	6	NNE	NNE	.8
23	55.61	55.25	24.7	25.8	N	6	NE	6	N	NE	18.5
24	57.26	56.95	24.7	30.1	ENE	4	ENE	4	ENE	E	
25	58.95	59.26	24.7	29.7	ENE	3	NE	4	ENE	NE	1
26	60.50	59.58	24.6	30.3	NE	4	NE	4	NE	NE	10.2
27	60.90	59.93	24.6	29.9	NE	5	NE	5	NE		
28	61.14	59.80	24.7	30.2	ENE	4	NE	3	ENE	NE	.3
29	60.33	59.80	24.6	30.2	ENE	4	NE	4	ENE	N	.5
30	60.10	58.99	24.6	30.9	NE	4	NE	4	NE	NE	
31	59.57	59.05	24.7	30.5	NE	4	NE	4	NE	NE	
Mean	59.02	58.34	24.6	29.6		3.5		3.9			
Total											80.7

APRIL.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*							*mm.*
1	59.51	58.75	24.6	31.3	NE	2	ENE	4	NE		
2	59.45	59.14	24.7	31.2	NE	5	NE	4	NE	NE	0.8
3	59.83	59.63	24.5	29.9	NE	3	NE	3	NE	NE	
4	59.89	59.46	24.8	31.4	NE	4	ENE	3	NE		
5	59.61	59.13	24.8	31.4	ENE	3	NE	4	NE		
6	58.86	57.80	24.6	30.7	ENE	3	W	2	E	W	
7	57.78	57.01	24.7	31	NW	3	NNW	3	NW	NNW	
8	58.36	57.85	24.7	26.7	NE	1	NW	2	NE		10.4
9	58.88	57.88	24.6	30.9	S	1	E	3	S	E	
10	59.46	58.05	22.3	30.6	Calm		E	3		E	
11	59.14	58.71	24.7	31.3	E	4	NE	4	E		
12	59.75	59.18	24.6	31.7	ENE	3	ENE	3	NE		
13	59.27	58.64	24.7	31.4	NE	4	NE	4	NE	NE	
14	58.45	57.83	24.6	31.5	NE	4	NE	4	NE	NE	
15	58.46	57.31	24.7	31.5	NE	3	NE	4	NE	NE	
16	57.54	57.42	24.6	31.8	NE	5	NE	5	NE	NE	
17	58.45	57.31	24.6	32.2	E	3	NE	4	E		
18	58.81	58.06	24.7	31.7	ENE	4	ENE	4	NE	NE	
19	59.14	57.27	24.6	32.4	ENE	3	NE	3	NE	NE	
20	57.99	57.22	24.5	32.5	ENE	4	NE	4	NE	NE	
21	58.37	57.57	24.6	31.2	ENE	2	ENE	3	E	NE	
22	58.87	57.52	24.6	32.2	ENE	3	ENE	4	E	ENE	
23	58.52	57.43	24.7	32.1	ENE	2	ESE	3	E	ESE	
24	58.38	57.52	23.8	31.7	ENE	3	NE	4	E	NE	
25	58.45	57.33	24.6	32.9	ENE	2	NE	4	NE	NE	
26	58.37	57.35	24.7	32.2	ENE	4	NE	3	E	NE	
27	58.12	57.25	24.6	31.2	NE	2	ENE	4	NE	NE	
28	57.87	57.02	24.6	30.8	Calm		NE	3	E	NE	
29	57.65	56.63	24.2	31.8	Calm		NE	4	N	NE	3.6
30	57.56	56.81	24.7	31.1	NE	2	NE	4	NE	NE	3.6
Mean	58.69	57.87	24.5	31.3		2.7		3.5			
Total											18.4

ROMBLON.

[ϕ=12° 35′ N; λ=122° 16′ E; barometer above sea, 7 meters; gravity correction not applied, —1.78 mm.]

Day.	MAY.									JUNE.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6. a. m.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6. a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.	mm.	mm.	°C.	°C.					mm.
1	57.19	56.70	26.7	31.9	NE 4	ENE 4	------	NE	------	57.55	56.91	26	32.4	ENE 1	Calm	E	------	------
2	57.46	57.16	26.7	33	Calm	NE 2	E	E	------	58.03	56.77	27	32.4	EbyS 2	ESE 1	NEbyE	------	8.1
3	58.38	57.56	27.7	32.8	EbyN 1	ENE 1	E	------	1	57.28	56.66	28	31	WbyS 3	ENE 2	ENE	NEbyE	------
4	57.81	57.35	27.4	33.6	Calm	Calm	EbyN	------	------	57.93	56.63	28.4	31.2	Calm	E 1	ENE	------	------
5	57.46	56.47	27.3	32.8	Calm	ENE 1	ENE	EbyS	24.9	57.90	56.61	27.9	32.8	Calm	ENE 2	E	------	9.4
6	57.44	56.21	26.5	32.3	Calm	ENE 1	E	------	.5	57.25	56.56	27.9	31.4	Calm	Calm	E	EbyS	------
7	57.33	56.36	28	31.1	Calm	Calm	NEbyE	ENE	3.3	58.03	57.41	28.3	32.4	Calm	NE 1	ESE	SE	------
8	57.16	56.23	26.8	30.5	Calm	Calm	EbyN	------	3.8	58.91	57.65	28	32.7	Calm	Calm	E	SSE	24.9
9	57.14	56.60	25.6	28	Calm	Calm	E	------	6.6	59.10	57.03	25.2	32.3	Calm	Calm	SSW	S	------
10	58.88	57.34	24	29.9	Calm	Calm	------	E	.5	58.52	56.80	25.1	31.6	Calm	Calm	SSE	SSW	12.2
11	59.30	57.95	24.5	29.8	Calm	Calm	SE	EbyN	------	57.97	56.81	24.7	32.7	Calm	EbyS 1	ENE	------	------
12	58.83	57.65	26.8	30.4	Calm	EbyN 1	E	ESE	1.8	57.78	57.83	27	29.8	Calm	Calm	NEbyE	ENE	2.3
13	58.07	56.96	25.8	30.5	Calm	Calm	E	SSW	.3	59.48	58.58	23.9	27.6	Calm	Calm	------	------	1
14	57.77	56.99	25.4	30.6	Calm	ESE 1	EbyS	E	------	59.47	57.96	26.8	27.4	NE 1	Calm	E	ESE	.8
15	58.26	56.91	24.5	30.5	Calm	Calm	------	SSE	------	59.51	59.20	25.4	25.9	Calm	Calm	------	------	21.3
16	58.15	57.08	24.8	32.2	Calm	ENE 2	SE	ESE	1	59.52	58.68	26.1	30	Calm	Calm	ESE	SSE	2
17	58.25	57.71	25	30	Calm	Calm	NNE	------	.8	59.76	58.73	25.4	30.1	Calm	SW 4	------	SWbyS	.5
18	58.95	58.24	24.4	30.6	Calm	EbyS 1	SSW	SEbyS	------	59	58.48	26.8	30.4	Calm	SW 3	------	SWbyW	.3
19	59.30	58	24.8	32.7	Calm	ENE 2	ENE	E	------	58.70	57.49	26.5	31	WSW 2	Calm	------	------	14.2
20	58.30	57.33	26.8	32.4	EbyN 1	SE 2	------	------	------	57.77	57.13	25.4	29.6	SSW 2	Calm	SW	SW	1
21	57.81	57.41	27.9	33.6	ESE 1	ESE 3	E	EbyS	------	56.81	55.70	26.6	29.8	SSE 3	SSE 1	SWbyS	SSW	.8
22	58.84	57.60	25.8	33.4	Calm	SSW 3	NE	------	7.6	56.77	56.40	26.4	29.5	Calm	Calm	------	------	2
23	60.55	58.88	25.1	30.7	Calm	Calm	ESE	SSE	------	57.17	57.53	25.1	27.5	Calm	Calm	ESE	ENE	3.8
24	59.39	57.27	25.7	32.3	Calm	ENE 1	------	------	.5	57.92	56.88	24	30.6	Calm	ESE 2	EbyS	NEbyE	16.5
25	58.66	56.31	27.3	32.7	Calm	SW 2	NEbyE	ESE	.5	58.16	56.58	26.1	31.4	Calm	Calm	ENE	ESE	5.6
26	58.35	56.51	26.6	33	Calm	SWbyW 1	------	------	55.4	57.90	56.77	25.1	26	Calm	Calm	SSE	------	26.7
27	58.15	56.52	26	32	Calm	Calm	ESE	S	------	57.74	56.68	24.3	31.4	Calm	Calm	------	SSE	------
28	58.39	56.31	25.7	30	Calm	E 1	------	ESE	1	57.42	57.17	24.3	30	Calm	Calm	------	SSE	------
29	57.87	56.94	25.6	28.7	Calm	ESE 1	EbyN	SE	19.3	58.62	57.68	24.5	31	Calm	SEbyS 1	------	EbyN	4.6
30	56.62	55.83	26.4	31.9	NE 2	ENE 2	ENE	E	------	59.21	57.28	25.4	30.3	Calm	N 1	NEbyN	NE	18.4
31	56.59	56.15	25.9	30.1	Calm	Calm	ENE	SbyE	.8	------	------	------	------	------	------	------	------	------
Mean	58.15	57.05	26	31.4	0.3	1	------	------	------	58.24	57.29	26.1	30.4	0.5	0.7	------	------	------
Total	------	------	------	------	------	------	------	------	129.6	------	------	------	------	------	------	------	------	176.4

Day.	JULY.									AUGUST.								
	mm.	mm.	°C	°C.					mm.	mm.	mm.	°C.	°C.					mm.
1	57.60	55.68	24.8	28.4	Calm	Calm	ENE	------	6.4	57.53	56.93	27.5	31.8	SSE 2	S 4	SSW	SW	------
2	55.92	55.11	26.6	31	Calm	SW 3	ENE	EbyS	1.8	56.32	56.24	26.6	28.6	SbyE 1	S 2	SW	SWbyS	3
3	56.77	55.37	24.5	30.4	Calm	S 1	------	SW	40.6	56.46	55.83	26	30.7	S 1	S 4	------	SSW	.8
4	57.05	56.34	24.2	29.5	Calm	SEbyS 3	ESE	ESE	15.7	56.71	56.22	26.1	31.5	SSW 1	SbyE 3	SW	SSW	------
5	57.33	56.07	24.2	30.3	Calm	SE 1	ESE	SEbyE	13	57.68	57.09	25.6	31.2	SSE 3	SSW 4	SbyW	SWbyS	.5
6	57.48	56.97	24.5	25.6	Calm	Calm	------	------	15.7	57.92	57.40	26.7	31.6	S 2	SEbyS 3	SbyW	SSW	------
7	57.04	56.43	24.2	28.6	WSW 4	SSW 1	------	------	8.6	57.86	57.03	26.8	32.5	SSW 2	SSW 3	SWbyS	SW	------
8	57.37	56.77	24.5	29.5	Calm	S 1	SW	------	12.2	58.51	57.57	26.6	31.8	S 1	SSE 2	SSW	SSW	------
9	58.19	56.80	24.5	28.8	SSW 1	SbyW 3	SWbyS	SSW	8.4	58.49	58.53	26.6	32.1	SSE 1	SSE 2	SSW	SSW	------
10	57.22	56.35	25.8	30.4	S 2	S 2	------	------	.5	58.92	58.51	27	32.6	SW 2	SbyE 3	WSW	WSW	------
11	56.12	56.33	25.8	28.2	Calm	Calm	------	------	2.8	58.74	57.52	26.9	32.6	Calm	SW 1	------	------	------
12	56.05	55.28	25.2	25.8	Calm	SbyE 4	SW	SSW	2.5	57.90	56.48	26.8	32.7	SEbyS 2	WSW 1	SWbyS	------	------
13	56.60	56.15	25.5	30.4	SSW 5	SSE 2	SWbyS	------	2	58.10	57.66	24.5	31.6	Calm	Calm	------	SW	.5
14	58.26	56.55	25.4	30.5	SSW 1	SSW 1	------	------	.8	58.95	58.65	24.4	29.8	Calm	S 1	------	SSW	.3
15	58.62	57.46	24.5	31.5	Calm	S 2	SEbyS	SW	1.3	58.95	58.13	25.1	32.6	Calm	SSW 1	W	SW	------
16	58.95	57.74	24	30.5	Calm	NbyW 3	SSW	NNE	63.5	57.15	56.60	26.8	32.6	S 2	SW 1	WSW	------	------
17	57.47	56.40	24.6	28.6	Calm	Calm	------	S	11.7	57.12	56.53	26.5	32.3	SW 1	SW 1	SWbyW	SWbyW	------
18	56.67	56.38	24.2	30.6	Calm	SSW 2	ESE	SWbyS	2.3	57.87	58.08	25.3	31.7	Calm	S 1	------	SbyW	------
19	59.17	57.62	25.4	26.8	Calm	SSW 1	SSW	SWbyS	12.7	58.76	57.78	26.4	29.5	SSE 3	S 1	SW	SW	.3
20	59.09	57.95	24.4	26.1	Calm	Calm	WNW	ENE	8.4	58.26	57.05	24.4	28.5	Calm	Calm	------	SSW	2.3
21	58.07	57.02	24.4	25.4	Calm	Calm	WNW	NW	74.2	57.86	56.81	25	32.3	Calm	NE 1	S	ENE	------
22	57.62	56.55	23.5	29	Calm	SW 1	W	SWbyW	.8	58.10	57.51	27.5	32.3	Calm	ENE 1	E	ESE	------
23	57.57	56.38	24.5	31.4	Calm	SWbyS 2	SW	SbyE	5.3	58.67	57.28	25.8	32.1	NE 1	NE 1	ENE	------	.6
24	56.83	55.72	24.3	27.4	Calm	Calm	SbyE	SW	.8	58.47	57.38	25.7	32.7	Calm	ENE 1	E	EbyS	40.4
25	55.80	54.66	26	28.7	SW 2	SbyE 3	SWbyW	SW	20.6	57.72	56.51	26	30.9	Calm	Calm	ENE	NEbyE	.3
26	55.07	54.50	26	27.5	SW 4	SSW 5	SW	SWbyS	22.4	57.06	56.50	25	32.6	Calm	NNE 1	NNE	NE	------
27	54.93	55.47	27	25.4	SSE 4	SSW 2	SW	SWbyS	24.4	57.72	56.78	24.5	31.2	Calm	Calm	------	ESE	1.5
28	53.72	------	27	------	SE 4	------	SW	------	13.7	57.62	56.82	25.5	32	Calm	ENE 1	ENE	EbyS	------
29	53.29	52.90	26.5	28.8	S 6	SbyW 4	SW	SW	8.1	57.05	56.42	27.5	32.6	Calm	ESE 1	ENE	SSE	39.4
30	56.30	56.53	26.8	27.8	SSE 2	SSE 2	SW	SWbyS	6.9	57.05	57.05	25.5	32	Calm	Calm	NEbyE	ESE	------
31	57.77	57.18	25.5	30.6	SbyW 2	SSE 1	SWbyS	------	.3	57.52	56.29	25.5	30.3	Calm	Calm	ENE	------	24.1
Mean	56.97	56.22	25.1	28.8	1.2	1.6	------	------	------	57.84	57.13	26	31.6	0.8	1.5	------	------	------
Total	------	------	------	------	------	------	------	------	408.4	------	------	------	------	------	------	------	------	114

ROMBLON.

[φ=12° 35′ N; λ=122° 16′ E; barometer above sea, 7 meters; gravity correction not applied, —1.78 mm.]

Day.	SEPTEMBER. Pressure, 700 mm.+ 6 a. m.	Pressure, 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, 2 p. m.	Rain, 24 hrs. beginning 6 a. m.	OCTOBER. Pressure, 700 mm.+ 6 a. m.	Pressure, 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.	mm.	mm.	°C.	°C.					mm.
1	57.49	56.40	27.2	32	ESE 1	ENE 2	E	NE	7.1	57.57	56.03	24.4	29.5	Calm	NNE 3	NNE	N	20.3
2	57.80	56.88	26.5	31.2	Calm	ENE 3	E	E	32.8	57.36	55.28	24	28.5	Calm	E 2	------	------	.5
3	57.27	56.67	24.7	30.2	E 2	ENE 2	E	E	22.1	56.51	54.96	26	27.8	SSE 3	SSE 4	SW	SW	5.6
4	57.42	56.04	24.1	29.2	Calm	E 2	------	------	43.7	55.57	54.82	25.7	26.3	SSE 4	SSE 4	SW	SW	2
5	56.41	55.54	23.5	27.8	ESE 4	S 2	------	SSW	.5	56.01	54.15	25.7	26.8	SSE 3	SSE 1	SW	SW	8.6
6	56.41	54.80	26.1	28.2	SSE 3	S 4	SSW	SSW	11.7	55.31	55.13	26.1	28	SSE 3	S 3	SW	SW	4.6
7	55.75	54.89	25.6	27.6	S 5	SSE 4	SSW	SSW	11.2	57.27	56.35	25.3	28.5	SSE 4	SE 4	SSW	SSW	1.5
8	55.57	55.03	25.7	27.2	Calm	SSE 4	SSW	SSW	4.8	58.36	57.25	26.1	31.4	Calm	SSE 3	S	SW	3.6
9	55.43	55.38	26.1	29	SSE 4	SSE 5	SSW	SSW	.8	58.65	57.85	24.6	30	Calm	SE 2	------	SW	1.8
10	57.17	56.15	26	30	S 4	S 4	SSW	SSW	.3	57.95	55.98	24.9	29	Calm	NE 3	NNW	NNW	7.6
11	57.27	55.90	25.5	29.2	S 4	SE 4	SSW	W	------	56.83	56.35	25.4	28	Calm	Calm	E	E	.3
12	55.40	55.17	26.2	30.5	SE 4	S 4	S	SSW	------	58.45	57.75	26.5	31.2	Calm	NE 3	E	E	3
13	55.75	54.99	26.5	29.8	S 4	S 4	S	SSW	.5	58.86	57.18	25.8	30.8	NE 2	NE 2	NE	NE	18.5
14	54.90	54.01	26.6	29.5	SE 4	S 4	SW	SSW	.3	57.90	56.50	24.2	29.8	Calm	NNE 2	NE	NE	4.6
15	54.25	53.94	27.3	30.2	SE 3	SE 4	SSW	SW	3.3	56.57	55.32	24.2	30	Calm	NNE 3	N	NE	.3
16	55.50	55.20	26.4	27.4	SSW 2	SW 4	W	W	10.7	55.26	53.74	26.1	31.1	Calm	NNE 2	NNW	N	------
17	55.60	54.88	24.4	29.2	Calm	SSW 2	------	W	1.3	51.97	50.88	27.6	29.1	SSE 5	SSE 6	SSW	SW	------
18	55.30	54.38	25.4	26.8	SSE 4	SE 5	SW	SW	34.3	53.25	52.90	27.3	29	S 5	S 5	SSW	SSW	1.5
19	55.46	54.90	24	27	SSE 4	S 4	SSW	SSW	43.9	54.96	54.78	26.6	31.2	SE 3	SE 3	SW	SW	------
20	56.83	56.15	24.4	27.5	S 3	S 1	------	------	1.3	57.61	55.97	25.1	31	Calm	Calm	------	------	------
21	57.36	56.75	24.1	29.2	Calm	S 1	------	------	------	59.03	57.50	24	30.6	Calm	E 2	------	NE	2.5
22	58.66	57.73	26.1	30.5	S 1	SSE 3	------	SSW	.3	59.27	56.82	24.2	30.3	Calm	NNE 3	N	N	------
23	59.18	57.49	25.4	29.8	Calm	NE 3	N	N	.3	55.93	54.62	27.6	25.4	NNE 4	NNE 3	NNW	NW	51.8
24	57.09	56.70	26.6	27.2	NE 3	NE 3	NNE	NE	10.7	54.88	55.75	26.4	29.2	SE 4	SSE 3	S	SW	.5
25	55.09	55.78	23.4	29.6	Calm	S 4	S	SSW	1.3	58.47	57.60	25.5	28.5	Calm	ENE 1	SE	S	3.3
26	57.76	57.38	26	29.2	S 2	SSE 2	------	------	2.3	59.26	57.53	25.6	30.8	Calm	ENE 2	E	NE	3
27	59.82	59.49	25.3	30.8	SSE 1	SSE 3	------	------	------	58.37	56.75	26.7	30.7	NE 4	NNE 3	ENE	NE	16
28	61.03	58.59	25.2	29.7	Calm	NE 2	------	N	.8	57.15	56.05	26.1	28.8	NE 3	NE 3	ENE	ENE	.3
29	58.16	56.25	26.2	25.2	Calm	NNE 4	N	N	27.2	57.36	56.43	25.8	30	Calm	E 3	------	SE	12.7
30	56.65	56.25	24.7	28.9	NNE 1	NNE 3	NE	N	.5	57.57	56.34	25.9	29.4	ENE 3	ENE 3	NE	------	2
31	------	------	------	------	------	------	------	------	------	58.32	57.22	26.3	30.3	ENE 3	NE 4	NE	N	------
Mean	56.79	55.99	25.5	29	2.1	3.2	------	------	------	57.03	55.86	25.7	29.4	1.7	2.7	------	------	------
Total	------	------	------	------	------	------	------	------	274	------	------	------	------	------	------	------	------	176.4

Day.	NOVEMBER. Pressure, 700 mm.+ 6 a. m.	Pressure, 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, 2 p. m.	Rain, 24 hrs. beginning 6 a. m.	DECEMBER. Pressure, 700 mm.+ 6 a. m.	Pressure, 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.	mm.	mm.	°C.	°C.					mm.
1	59.16	57.43	26.3	30.5	NE 3	NE 3	NE	NE	12.4	59.62	58.60	24	25.5	NNE 5	NNE 3	NNE	N	4.6
2	59.33	57.25	24	29.4	NNE 2	Calm	NE	N	.3	59.33	57.10	25.1	28.4	NNE 3	NNE 3	NE	N	2.5
3	58.12	56.54	25.5	29.2	NE 3	NNE 4	N	N	50.3	57.42	56.55	25.1	26.2	NNE 3	NNE 3	NE	NE	3.6
4	57.67	55.89	24.8	30.2	Calm	ENE 3	NE	NNE	3	56.19	54.92	25.1	27.2	NNE 4	NNE 3	NNE	NNE	5.1
5	56.96	55.90	25.1	27.1	NNE 3	N 2	NNE	NNE	2.3	56.59	56.25	25	28.4	NNE 4	NNE 4	NE	NE	2
6	55.31	52.54	25.7	26.1	N 6	NNE 6	N	NNE	117.6	57.71	56.50	24	27.2	NNE 3	NNE 4	NNE	N	1
7	51.77	53.19	25	26.5	ESE 6	E 5	SSE	SE	3.8	57.63	56.37	24.6	27.9	NNE 3	NNE 4	N	------	.3
8	55.85	55.08	25.6	30.3	ESE 2	ESE 3	SE	S	1.8	56.42	55.27	24.6	26.5	NNE 4	NNE 3	NE	N	24.4
9	58.14	57.04	24	30	Calm	ESE 3	------	SSE	1	56.88	55.99	23.8	28.4	Calm	Calm	NE	E	10.4
10	59.30	58.18	24.4	28.8	Calm	E 3	------	SE	61.2	56.81	55.91	25	27.1	NE 2	Calm	NE	E	5.1
11	60.10	58.55	24	28.8	Calm	ENE 2	------	E	1.5	56.79	56.04	23.1	27.6	Calm	NNE 2	------	S	4.1
12	59.96	58.15	25.6	30.2	ENE 4	ENE 3	NE	NE	------	57.38	56.27	24	25.8	Calm	Calm	E	------	8.4
13	59.36	58.14	25.9	29	NE 3	NNE 3	N	NNE	.8	58.62	57.41	23.6	26.3	Calm	Calm	------	------	5.3
14	57.07	54.83	25.8	25.2	NNE 4	N 6	N	N	130.8	58.41	57.55	24.1	27.5	Calm	NE 2	NE	NE	------
15	50.65	51.22	24.5	25.6	NNE 5	SE 4	W	SSW	11.7	58.89	58.70	22.5	27.5	Calm	NE 2	------	N	------
16	54.62	53.88	25.5	29	SE 4	SE 5	S	S	4.6	59.83	58.54	23	28.7	Calm	NE 3	NE	NE	1.3
17	55.65	54.27	25.6	30.7	SE 4	SE 3	SSW	S	5.1	59.33	58.76	24	28.4	Calm	NE 3	NE	NNE	24.4
18	56.32	55.63	25.3	29	SE 2	ESE 2	SSW	S	16.5	58.69	57.92	24.4	26.7	NE 3	NNE 5	NE	NNE	4.8
19	56.31	55.25	25	30	SE 2	ESE 3	SW	SW	------	59.64	58.19	24	25.1	NNE 5	N 6	N	N	35.3
20	56.73	55.88	24.2	31	Calm	SE 2	------	S	------	57.37	55.58	23.1	24.2	N 5	N 5	NNW	N	19
21	57.82	57.48	24.7	28.8	Calm	ESE 3	S	S	------	56.77	55.87	24.5	25.5	NNE 4	N 5	N	N	6.4
22	58.77	57.58	22.7	27.5	Calm	ESE 2	------	------	------	57.02	56.66	24	24.7	N 5	N 3	N	N	9.4
23	58.57	57.03	24	29.9	Calm	E 2	NE	NE	------	58.33	56.91	24.8	26.7	NNE 3	NNE 3	N	NNE	32
24	58.42	57.50	25.1	27.2	Calm	Calm	NE	NNE	52.6	59.84	58.86	24	24	NNE 2	N 5	NE	N	5.8
25	58.74	57.83	25.1	30	ENE 3	NE 3	NE	NE	27.9	60.71	59.65	23.7	26.8	NNE 1	NNE 4	NNE	N	.3
26	58.51	57.53	25.4	27.2	NE 4	NE 2	NE	NE	31	61.12	60.69	24.7	25.7	NNE 6	NNE 4	NNE	NE	3.3
27	58.54	57.88	24.9	24	NNE 3	Calm	NNE	NE	39.1	62.15	62.52	23.8	24.5	NNE 4	NNE 2	NE	E	25.4
28	59.33	57.98	25.2	25.7	ENE 4	ENE 3	ENE	NE	23.9	62.20	61.18	24.2	26.4	NNE 4	NNE 3	NNE	NNE	14.5
29	59.09	58.80	24.7	27.7	Calm	NE 2	NE	NNE	6.8	61.41	60.25	24.3	27.8	Calm	NE 2	NE	NE	1.5
30	59.36	58.86	25.3	26.7	NE 3	NNE 4	NE	NE	31.2	60.05	58.25	25	28.5	NNE 2	NNE 2	ENE	E	7.1
31	------	------	------	------	------	------	------	------	------	59.56	57.46	23.3	27.7	E 2	ENE 2	E	ENE	4.1
Mean	57.52	56.44	25	28.4	2.3	2.9	------	------	------	58.67	57.64	24.1	26.7	2.5	2.9	------	------	------
Total	------	------	------	------	------	------	------	------	637.2	------	------	------	------	------	------	------	------	271.4

GUBAT.

[ϕ=12° 55′ N; λ=124° 08′ E; barometer above sea, 3.7 meters; gravity correction not applied, —1.77 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.							mm.
1	58.95	58.38	25.2	24.4	NE	4	NE	4	NE	NE	61.7?
2	58.50	57.59	24.5	25	NE	4	NE	4	NE	NE	53.6
3	58.84	57.73	24.3	27.1	E	1	E	1	SE	E	7.6
4	58.57	57.36	24.3	26.2	Calm		NE	2	SE	NE	7.1
5	57.95	56.89	24	27.5	Calm		E	1	SE	E	------
6	58.35	57.82	24.7	27.4	N	1	NE	2	N	NE	------
7	58.33	57.90	25.1	28	NE	1	NE	2	NE	NE	------
8	59.06	58.67	26.1	27.8	NE	2	NE	2	NE	NE	1
9	59.81	59.35	24	27.7	Calm		NE	8	NE	NE	2.5
10	60.81	59.36	24.5	28	Calm		NE	2	NE	NE	2
11	59.53	59.24	25	28.9	Calm		SE	2	E	SE	------
12	59.68	58.14	24.3	28.4	NE	1	NE	2	NE	NE	------
13	58.71	57.35	21.4	28.2	Calm		NE	2	E	NE	------
14	59.27	59.07	22.3	27.2	Calm		NE	3	N	NE	------
15	60.88	60.38	24.9	25.8	NE	3	NE	4	NE	NE	2.5
16	61.16	60.21	23.4	26.2	NE	2	NE	4	NE	NE	8
17	60.16	58.88	23.5	24.1	NE	1	NE	2	NE	NE	6.6
18	58.77	58.35	24.2	26.6	Calm		NE	1	NE	NE	2
19	60.31	60.10	24.8	28.8	E	1	SE	1	E	SE	------
20	60.92	60.13	26.2	28.4	E	2	NE	2	E	NE	3.8
21	60.97	59.91	24.6	28.9	Calm		NE	2	NE	NE	------
22	60.32?	59.99	26.1	27.8	NE	2	NE	2	NE	NE	------
23	60.44	59.91	26	28.5	NE	2	NE	3	NE	NE	------
24	60.30	58.85	26	28.3	NE	2	E	2	NE	E	------
25	59.74	58.89	23.1	29.2	Calm		NE	2	E	NE	------
26	59.85	59.09	25.5	29	NE	1	E	1	NE	E	------
27	60.07	58.86	23.7	26.9	Calm		NE	3	E	NE	11.7
28	59.13	57.62	23.7	27.5	E	1	NE	2	E	NE	------
29	57.64	56.72	22.4	27.5	N	1	NE	3	N	NE	14
30	58.99	58.27	24.2	27	NE	3	NE	3	NE	NE	9.4
31	58.94	59.18	25.5	27.4	NE	3	NE	3	NE	NE	------
Mean	59.51	58.72	24.4	27.4		1.2		2.3	------	------	------
Total	------	------	------	------	------		------		------	------	188.5

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6. a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.							mm.
1	58.94	58.57	23.2	26.4	NE	1	NE	2	NE	NE	------
2	59.38	58.66	25.5	27.8	NE	1	NE	2	NE	NE	------
3	58.71	58.40	26	27.2	NE	1	NE	2	NE	NE	18.8
4	59.52	59.75	26.5	28	NE	2	NE	2	NE	NE	9.7
5	61.56	61.36	26	28.1	NE	3	NE	2	NE	NE	------
6	61.69	61.05	26.1	25.6	NE	2	NE	5	NE	NE	24.9
7	61.83	61.40	25.9	27.5	NE	3	NE	3	NE	NE	20.3
8	62.62	61.39	25.8	27.6	NE	3	NE	3	NE	NE	6.4
9	62.31	61.01	25	28.2	NE	1	NE	1	NE	NE	------
10	62.54	60.93	23.2	28.2	N	1	NE	2	N	NE	------
11	61.97	60.45	22.5	27.6	Calm		NE	2	NE	NE	------
12	61.40	60.57	24.4	24.6	NE	1	NE	2	NE	NE	27.9
13	61.41	60.19	24.5?	23.5	NE	3	NE	5	NE	NE	64.3
14	60.93	59.60	24.4?	23.7	NE	4	NE	4	NE	NE	101.6
15	59.80	59.36	25.2	28	E	2	E	2	E	E	24.9
16	59.96	59.19	26.3	27.8	NE	3	NE	3	NE	NE	41.9
17	59.60	59.05	25.2	27.4	NE	1	NE	3	NE	NE	44.4
18	59.23	59.06	26?	25.5	NE	2	NE	1	NE	NE	88.6
19	59.09	58.62	24.8	27.5	Calm		NE	1	NE	NE	3.8
20	59.61	58.59	24.2	29.2	Calm		NE	1	NE	NE	------
21	59.62	58.35	26.8	28.9	NE	1	NE	1	NE	NE	------
22	59.76	58.76	26	29	NE	1	NE	2	NE	E	2.5
23	59.76	58.93	25.2	27	E	1	NE	3	E	NE	5.6
24	59	58.71	25.4	28.5	E	1	E	1	E	E	1
25	60.06	59.21	23	29.2	Calm		NE	1	NE	NE	------
26	60.19	59.66	26.2	29.2	NE	2	NE	2	NE	NE	------
27	60.31	59.53	25.5	28.7	Calm		SE	2	E	SE	6.4
28	59.18	58.96	26.8?	28	E	2	NE	2	E	NE	------
29	------	------	------	------	------		------		------	------	------
30	------	------	------	------	------		------		------	------	------
31	------	------	------	------	------		------		------	------	------
Mean	60.36	59.62	25.2	27.4		1.5		2.2	------	------	------
Total	------	------	------	------	------		------		------	------	443

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.							mm.
1	59.26	58.60	23.3	28.8	Calm		NE	1	SE	NE	------
2	59.43	59.03	23.2	28.4	Calm		NE	2	NE	NE	------
3	59.81	58.92	25.8	28	NE	2	SE	2	NE	SE	5.1
4	59.86	59	25.2	29.1	SE	1	SE	1	SE	SE	3
5	60.25	59.73	26.5	28.6	NE	2	NE	2	NE	NE	------
6	60.70	59.85	26.7	29.1	NE	2	NE	2	NE	NE	------
7	60.02	59.11	26.5	29.2	SE	1	SE	2	SE	SE	------
8	58.98	58.64	26.1	29	NE	2	NE	2	NE	NE	5.8
9	59.24	58.54	26.2	29.2	NE	1	NE	2	NE	NE	------
10	58.89	58.43	26.6	29.4	NE	2	NE	3	NE	NE	2.5
11	58.41	57.79	26.5	29.1	NE	3	E	1	NE	E	10.4
12	57.73	57.56	25.9	27.5	NE	2	NE	1	NE	NE	2.5
13	58.61	58.26	26.2	28.5	NE	1	NE	2	NE	NE	2
14	60.08	59.43	25.6	25	E	1	NE	2	E	NE	35.1
15	60.07	59.32	26.5	27.6	E	2	NE	2	NE	NE	4.6
16	59.42	58.85	24.5	25.1	Calm		NE	2	E	NE	38.4
17	59.14	58.31	25	28.1	NE	1	NE	2	NE	NE	1.3
18	59.12	58.46	26.5	28.8	NE	2	NE	3	NE	NE	24.9
19	59.65	58.99	26	27.8	NE	2	NE	3	NE	NE	16.5
20	59.16	58.07	25.6	27.5	NE	1	NE	3	NE	NE	31.7
21	57.56	56.34	26.5	25.5	NE	3	NE	8	NE	NE	59.9
22	56.80	55.64	24.7	25.7	NE	3	NE	3	NE	NE	68.6
23	55.64	56.98	25.5	25	E	4	SE	3	NE	SE	50.5
24	58.47	57.57	25.9	28.8	SE	3	SE	3	SE	SE	2
25	59.64	59.81	26	28.1	SE	2	SE	2	SE	SE	15.2
26	61.06	60.26	26	28	NE	1	NE	2	NE	NE	3.6
27	61.49	60.54	26.5	28.6	NE	2	NE	3	NE	NE	------
28	61.75	60.39	26	28.8	NE	2	NE	2	NE	NE	14
29	60.82	60.38	26.5	29	NE	2	NE	2	NE	NE	1.3
30	60.87	59.71	26.4	29.2	NE	2	E	2	NE	E	------
31	60.24	59.46	26.6	29.4	E	2	E	2	E	E	4.6
Mean	59.42	58.77	25.8	28.1		1.7		2.2	------	------	------
Total	------	------	------	------	------		------		------	------	403.5

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6. a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.							mm.
1	60.31	59.46	26.5	29.5	E	2	E	2	E	E	------
2	60	59.69	26.7	29.4	E	2	E	2	E	E	5.1
3	60.37	59.76	26.9	26	E	2	E	2	E	E	3.8
4	60.22	59.84	26.6	29.7	E	2	E	2	E	E	------
5	59.82	59.57	26.8	30.1	E	1	E	2	E	E	------
6	59.55	57.91	24	29.6	Calm		E	1	E	E	------
7	58.48	57.51	24.2	30.1	Calm		S	1	E	S	------
8	58.94	58.11	26.5	30.4	S	1	S	1	S	S	------
9	59.99	58.55	26.2	30	S	1	S	1	S	S	------
10	60.16	58.76	25.3	30.4	Calm		S	1	SE	S	------
11	59.75	59.09	26.8	30.2	Calm		SE	1	SE	SE	------
12	60.42	59.78	26.8	30.4	S	1	S	1	S	S	------
13	59.87	59.06	27.1	28.7	S	2	SE	3	S	SE	------
14	59.30	58.40	27.1	30.5	SE	2	SE	1	SE	SE	------
15	59.17	58	26.3	30.4	Calm		SE	2	S	S	------
16	58.53	57.97	27	30.5	SE	1	SE	2	S	SE	------
17	59.26	58.25	27	31	SE	1	SE	2	SE	SE	------
18	59.53	58.82	25.2	31	Calm		SE	1	E	SE	------
19	59.46	58.19	27.4	31	Calm		SE	1	SE	SE	------
20	58.76	57.63	26.8	30.6	SE	1	SE	1	SE	SE	------
21	58.96	58.03	26.8	30.7	SE	2	SE	2	SE	SE	------
22	59.52	58.09	26.6	30.9	SE	1	SE	1	SE	SE	------
23	58.98	58.08	25.5	31.2	Calm		SE	1	SE	SE	------
24	59.29	58	26.5	30.7	SE	1	E	2	SE	E	------
25	59.36	58.10	25.6	30.5	SE	1	SE	2	SE	SE	------
26	59.36	57.88	27?	30.7	SE	1	E	1	SE	E	------
27	59.09	57.95	26.4	30.7	Calm		E	2	SE	E	------
28	58.33	57.12	26.8	31.1	E	1	E	1	E	E	------
29	58.48	57.29	26.7	31.2	E	1	E	1	E	E	------
30	58.27	57.44	25.5	30.7	E	1	SE	2	E	SE	------
31	------	------	------	------	------		------		------	------	------
Mean	59.38	58.41	26.4	30.3		0.9		1.5	------	------	------
Total	------	------	------	------	------		------		------	------	8.9

GUBAT.

[ϕ=12° 55′ N; λ=124° 08′ E; barometer above sea, 3.7 meters; gravity correction not applied,—1.77 mm.]

Day.	MAY.									JUNE.								
	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	57.75	57.47	27.5	31.1	SE 1	SE 1	SE	SE	------	57.94	57.34	28.6?	31.4	SE 1	SE 1	SE	SE	2.5
2	58.61	57.99	26	31	Calm	SE 2	SE	SE	2	58.84	57.27	28.6?	31.5	Calm	SE 1	SE	SE	24.9
3	58.97	58.18	25.5	31.4	Calm	E 1	SE	E	------	57.87	57.37	27.5	28.6	SE 1	NE 1	SE	NE	20.3
4	58.65	57.77	27	31.8	Calm	E 1	E	E	------	58.20	57.46	27.6	31.5	E 2	SE 2	E	SE	------
5	58.01	56.89	27	31.5	Calm	SE 1	E	SE	8	58.26	57.20	28	30.2	NE 2	NE 2	NE	NE	48.5
6	57.50	56.84	27	30.8	SE 1	NE 2	SE	NE	23.6	58.05	57.09	27.8	31.2	SE 1	SE 2	SE	SE	------
7	57.48	56.56	27.1	29.4	E 3	E 1	E	E	7.6	58.33	57.77	26.8	31	Calm	SE 2	SE	SE	------
8	57.22	56.10	27	30.5	Calm	E 1	E	E	------	58.81	58.18	28	30.6	SE 1	SE 1	SE	SE	------
9	57.46	56.68	26.9	27.6	E 1	E 1	E	E	54.1	59.17	57.09	27	31.1	Calm	SE 1	SE	SE	------
10	58.95	57.95	24.5	30.8	Calm	E 1	SE	E	------	58.76	57.14	26.8	32	Calm	E 1	E	E	------
11	59.49	58.32	24.3	30.8	Calm	E 1	SE	E	9.7	58.20	57.43	27	31.5	Calm	SE 1	SE	SE	------
12	58.63	58.12	27.2	31	E 1	E 1	E	E	2.5	58.47	57.49	27.4	31.2	Calm	SE 1	SE	SE	7.6
13	58.33	57.54	25.7	31.2	E 1	E 1	E	E	------	59.36	58.49	25.5	30.5	W 1	SE 1	W	SE	3.8
14	58.44	57.48	25.8	31.4	Calm	E 1	SE	SE	------	59.39	58.17	27.6	31.6	SE 1	SE 1	SE	SE	------
15	58.76	57.48	27.5	31.2	SE 1	SE 1	SE	SE	------	59.37	58.40	26.2	27.8	Calm	W 2	SE	W	6.6
16	58.84	57.53	25	31	SE 1	N 2	SE	N	------	59.48	58.66	24.8	30	Calm	S 1	W	S	------
17	58.36	57.72	26	31.2	Calm	SE 2	W	SE	------	59.53	58.69	24.8	30	S 1	W 3	S	W	------
18	58.87	58.33	25.4	31	SE 1	SE 1	SE	SE	------	59.10	58.51	25.4	29.2	W 1	W 3	W	W	4.6
19	59.20	58.63	27.8	31.6	SE 1	SE 1	SE	SE	------	59.08	57.11	25.6	30.4	W 1	W 3	W	W	------
20	58.76	57.76	27.6	81.5	S 1	S 2	S	S	------	57.71	56.69	26	29.8	W 3	W 2	W	W	------
21	58.55	57.72	27.5	32	S 1	S 1	S	S	------	56.71	56.02	26.8	30.6	W 1	W 2	W	W	2.5
22	59.57	58.24	26.6	31.9	S 1	S 1	S	S	3	57.46	57.18	26.4	29.2	W 2	SW 2	W	SW	3.3
23	60.71	59.20	27	31.1	S 1	E 2	S	E	------	57.73	57.20	25	28.5	Calm	NE 1	W	NE	4.6
24	59.77	57.92	28	31.4	Calm	S 1	SE	S	------	57.97	57.17	25.5	30.6	Calm	NE 2	NE	NE	17.5
25	58.91	56.52	28.2	31.6	SE 1	SE 1	SE	SE	------	58.38	56.92	26	30.5	NE 1	NE 1	NE	NE	2
26	58.75	56.27	28	31	Calm	SE 2	SE	SE	------	57.81	57.40	26.2	30.4	NE 1	W 1	NE	W	22.4
27	58.52	56.53	27.2	31.3	S 1	S 1	S	SW	------	57.86	56.89	25.6	30.8	Calm	SE 2	NE	SE	------
28	58.48	56.64	25.8	31.8	Calm	E 1	SW	E	------	57.62	57.39	25.4	31.1	Calm	SE 2	S	SE	------
29	58.18	57.29	27.2	31.2	SE 1	SE 1	SE	SE	------	58.99	58.24	24.5	29.5	SE 1	SE 1	SE	SE	------
30	57.59	56.15	27.6	30.4	SE 3	SE 4	SE	SE	------	58.82	57.83	25.2	31.1	Calm	E 2	SE	E	3.8
31	56.60	56.24	27.8	31	SE 1	SE 2	SE	SE	------									
Mean	58.51	57.42	26.7	31	0.7	1.4	------	------	------	58.44	57.53	26.5	30.4	0.7	1.6	------	------	------
Total	------	------	------	------	------	------	------	------	105.5	------	------	------	------	------	------	------	------	174.9

Day.	JULY.									AUGUST.								
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	57.18	56.02	25.8	31	Calm	E 2	E	E	4.6	57.08	56.58	27.5	31.6	SW 2	SW 2	SW	SW	------
2	55.98	55.54	25.4	31.2	SE 2	SE 2	SE	SE	11.7	56.46	55.42	26.5	32.1	Calm	SW 2	SW	SW	------
3	55.94	55.34	26.6	30.6	SE 1	SE 2	SE	SE	------	57.03	55.92	27.5	32.1	S 1	SW 2	S	SW	0.8
4	56.78	56.63	27.5	29.4	SE 1	SE 1	SE	SE	1.5	57.84	56.26	24.8	32.5	Calm	SW 2	------	SW	------
5	57.27	56.34	26.4	31	SE 1	SE 2	SE	SE	43.2	57.68	56.90	25.4	29.6	Calm	SW 2	SW	SW	5.1
6	56.99	56.81	24.5	27	Calm	NE 3	E	NE	23.4	57.88	56.02	25.5	32.7	SW 2	SW 2	SW	SW	------
7	56.75	56.75	25.8	28.5	SE 1	SE 1	SE	SE	45.7	58.06	56.75	26	33.5	SW 1	W 2	SW	W	------
8	57.87	57.26	24.5	27.5	Calm	W 1	SE	W	8.6	58.48	57.23	24.5	33	Calm	SW 2	SW	SW	------
9	58.37	56.41	24.2	30.5	W 1	W 2	W	W	3.8	58.68	57.57	24	32.6	Calm	W 3	W	W	------
10	57.33	56.72	25.8	27.9	W 1	W 1	W	W	26.9	58.87	57.77	25.7	32.2	SW 1	SW 3	SW	SW	------
11	56.75	56.23	24.5	26.3	W 1	W 3	W	W	48.3	58.67	57.27	25.5	32.8	W 1	SW 2	W	SW	------
12	55.75	54.67	23.5	26.5	W 4	SW 3	W	SW	43.7	57.97	56.22	25	34	Calm	SW 1	SW	SW	------
13	56.91	56.49	24.1	29	Calm	SW 2	W	SW	------	58.49	57.29	24	33	Calm	SE 2	SW	SE	------
14	58.13	57.56	25	27.2	Calm	SW 1	S	SW	2	58.83	57.51	24.3	29.5	Calm	SE 3	SW	SE	------
15	58.83	57.71	23.5	30	Calm	E 1	SW	E	2.5	58.58	57.04	25	33.5	SW 1	SW 3	SW	SW	------
16	59.14	57.60	25.8	30.7	Calm	NW 2	E	NW	42.7	57.04	56.11	25	32	Calm	W 2	SW	W	.5
17	57.28	56.86	24	29.5	Calm	N 1	NW	N	------	56.87	56.02	26.2	32.6	SW 1	WSW 3	SW	WSW	------
18	57.28	56.95	25.6	28.3	Calm	N 1	N	N	------	57.66	58.04	25.8	28.5	SW 1	S 1	SW	S	10.2
19	59.03	57.63	25.2	27.6	Calm	N 1	N	N	------	59.05	58.58	24.8	26.5	SW 2	SW 1	SW	SW	5.1
20	58.67	57.76	24.5	28	Calm	NW 2	N	NW	12.7	58.65	57.27	22.8	32.7	Calm	SE 2	SW	SE	------
21	57.57	56.47	24.2	27.5	N 1	N 1	N	N	1.5	57.80	57.34	23.6	33	Calm	NE 2	SE	NE	------
22	57.14	56.72	24	28.5	Calm	N 1	N	N	2.5	58.86	57.87	25	34	NE 1	NE 2	NE	NE	.5
23	57.97	56.43	25.5	30.2	Calm	SE 2	NE	SE	------	58.39	57.62	25.5	31.6	Calm	E 2	NE	E	5.1
24	56.82	55.27	25.2	28.4	Calm	S 2	N	S	36.8	58.33	57.39	27.4	33.3	NE 3	NE 3	NE	NE	------
25	55.18	54.45	25.8	30.1	W 2	SW 3	W	SW	------	57.83	56.77	25	32.6	Calm	NE 2	NE	NE	2.5
26	55.01	54.48	26.6	29.6	W 1	W 2	W	W	5.1	57.33	56.44	24.1	32.4	Calm	NE 2	NE	NE	------
27	55.61	54.90	26.4	30.9	Calm	S 2	SW	S	------	57.90	56.99	23.8	33.3	Calm	NE 1	NE	NE	------
28	54.08	52.80	26	30.6	SW 2	SW 3	SW	SW	2	58.05	57.02	23.8	33.6	Calm	E 2	NE	E	5.1
29	53.43	52.76	27.7	30.6	SW 2	SW 3	SW	SW	1.3	57.41	56.32	24.5	33	Calm	NE 2	E	NE	------
30	56.18	56.29	27.2	29	W 1	SW 2	W	SW	------	57.38	56.69	24.6	28.8	Calm	NE 1	NE	NE	------
31	57.52	56.43	27	31.5	Calm	SW 3	SW	SW	------	57.70	56.28	24.2	33.3	Calm	NE 2	NE	NE	------
Mean	56.93	56.14	25.4	29.2	0.7	1.9	------	------	------	57.96	56.92	25.1	32.1	0.5	2	------	------	------
Total	------	------	------	------	------	------	------	------	370.5	------	------	------	------	------	------	------	------	34.9

GUBAT.

[ϕ=12° 55′ N; λ=124° 08′ E; barometer above sea, 3.7 meters; gravity correction not applied,—1.77 mm.]

Day.	SEPTEMBER.									OCTOBER.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	6 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.	mm.	mm.	°C.	°C.					mm.
1	57.69	56.52	24.2	34	Calm	NE 2	NE	NE	7.6	57.12	56.05	23.2	28.4	Calm	NE 1	NE	NE	0.5
2	57.65	56.69	22.5	32	NE 1	NE 2	NE	NE	11.4	56.93	55.05	23.3	31	Calm	N 2	NE	N	----
3	57.85	56.65	24	28.2	Calm	NE 1	NE	NE	5.3	56.14	55.18	24.5	29.8	Calm	NW 1	N	NW	.5
4	57.60	56.44	23.6	29.6	Calm	NE 1	NE	NE	2	55.68	54.11	24.7	29.8	NW 1	SW 3	NW	SW	----
5	56.53	55.36	24.2	28.5	N 2	W 2	N	W	----	55.34	54.06	24.4	29.8	SW 1	SW 3	SW	SW	.8
6	56.60	54.99	24.4	30.8	Calm	W 3	W	W	5.3	55.09	55.09	25.4	31	SW 1	SW 3	SW	SW	----
7	56.43	55.04	24	31	Calm	W 3	W	W	----	57.53	56.53	25	30.6	Calm	SW 2	SW	SW	----
8	55.76	54.80	26	30	Calm	W 4	W	W	.5	58.21	57.66	25.6	28	Calm	SW 1	SW	SW	1
9	55.81	55.32	25.6	32	Calm	W 4	W	W	----	58.37	56.60	24.5	27.6	SW 1	SW 1	SW	SW	3
10	56.91	56.01	26.5	32	W 1	W 3	W	W	----	57.15	56.04	24.4	31	Calm	NE 2	SW	NE	2.8
11	57.23	55.91	26.6	30	Calm	W 3	W	W	2	57.32	56.89	25.6	32	Calm	NE 1	NE	NE	----
12	55.69	54.51	25.6	32	W 1	W 3	W	W	----	58.68	57.95	26.5	32	Calm	NE 2	NE	NE	----
13	56.06	55.11	26	31	W 1	W 2	W	W	----	59.04	57.65	26	31.6	Calm	NE 2	NE	NE	.3
14	55.05	54.04	26	32.5	W 1	W 3	W	W	----	58.05	56.35	26.5	31.8	Calm	NE 2	NE	NE	----
15	54.56	53.86	25.8	32	Calm	NW 4	W	NW	1	56.22	54.77	24.4	31.5	Calm	NE 3	NE	NE	4.3
16	55.08	54.83	25.8	27.5	Calm	W 2	W	W	15.2	54.30	52.21	24.5	28	Calm	W 3	NE	W	----
17	55.38	54.30	25.2	26.4	Calm	W 3	W	W	4.6	51.06	50.34	27	30	SW 4	SW 4	SW	SW	----
18	55.30	54.05	24.5	29	Calm	W 4	W	W	5.6	53.86	53.45	25	31.4	Calm	S 2	SW	S	----
19	55.73	55.28	25	27.6	Calm	SW 1	W	SW	----	55.80	55.02	24.5	31	S 1	S 1	S	S	----
20	57.43	56.04	24	33.2	Calm	S 2	SW	S	----	57.60	56.32	22.6	31.2	Calm	E 1	----	E	----
21	57.83	56.72	24.4	31.6	Calm	S 2	S	S	----	58.84	57.77	24	31.8	E 1	E 2	E	E	----
22	59.43	57.99	23.8	32.5	S 1	SE 1	S	SE	.8	58.55	56.43	22.8	31.8	NE 1	NE 2	NE	NE	10.2
23	58.90	57.44	25.2	28.6	Calm	SE 2	SE	SE	6.4	54.45	49.94	22	24.5	Calm	SW 6	----	SW	14.5
24	58.23	56.80	24.5	31	SE 1	SE 1	SE	SE	3.6	56.11	56.14	24.7	29.8	SE 2	SE 1	SE	SE	----
25	57.37	56.04	24.6	32.2	Calm	SW 2	SE	SW	10.7	58.86	58.11	24.6	31	Calm	E 2	SE	E	.5
26	58.42	57.31	24	30.4	Calm	SW 1	SW	SW	.3	59.17	57.59	26.6	30.7	NE 1	NE 2	NE	NE	1.5
27	60.28	59.84	24.5	31	Calm	SW 1	SW	SW	1.3	58.73	56.91	26.8	31	NE 2	NE 3	NE	NE	7.9
28	60.33	58.68	25.2	32.5	Calm	E 1	SW	E	1	57.23	56.85	26.2	31.6	Calm	NE 2	NE	NE	3.6
29	57.46	55.79	24.6	29.4	Calm	E 3	E	E	6.1	58.33	57.06	24.4	31	Calm	NE 1	NE	NE	1.3
30	56.69	55.89	24.4	31	Calm	NE 1	NE	NE	10.2	58.48	57.19	25.6	30	NE 1	NE 2	NE	NE	1.3
31	----	----	----	----	----	----	----	----	----	58.69	57.93	25.2	29.8	Calm	NE 2	NE	NE	3.3
Mean	57.04	55.94	24.8	30.6	0.3	2.2	----	----	----	57	55.78	24.9	30.3	0.5	2.1	----	----	----
Total	----	----	----	----	----	----	----	----	100.9	----	----	----	----	----	----	----	----	57.3
	NOVEMBER.									DECEMBER.								
	mm.	mm.	°C.	°C.					mm.	mm.	mm.	°C.	°C.					mm.
1	59.08	57.63	24.4	29.9	Calm	NE 1	NE	NE	2.5	59.33	59.10	22.2	25.4	NE 1	NE 2	NE	NE	24.6
2	58.78	57.42	24.2	28.9	NE 1	NE 1	NE	NE	6.1	59.03	57.55	25.2	27.2	NE 2	NE 2	NE	NE	3.6
3	57.85	56.71	24	29.5	Calm	NE 2	NE	NE	5.1	57.40	56.10	24	27.4	NE 1	NE 1	NE	NE	20.1
4	57.53	55.93	22.2	29.6	Calm	NE 2	NE	NE	8.9	56.33	55.42	25.8	27.4	NE 1	NE 2	NE	NE	2.5
5	56.14	55.20	23.6	29	NE 2	NE 3	NE	NE	15.5	56.28	56.12	24.4	28.4	E 2	E 2	E	E	----
6	54.20	51.52	23	27.5	NE 5	NE 10	NE	NE	22.4	57.56	56.51	24.5	28.8	Calm	NE 2	E	NE	3.3
7	56	55.03	25.5	29.8	E 2	E 1	E	E	4.6	57.45	56.49	24.2	28.5	N 1	N 1	N	N	1.3
8	57.04	55.21	25	30.1	Calm	SE 1	E	SE	----	57.03	56.03	24.8	28.4	NE 1	NE 1	NE	NE	.5
9	58.13	57.75	25.6	30	Calm	SE 1	----	SE	5.6	57.25	56.33	23.5	27.4	Calm	NE 1	----	NE	----
10	59.95	58.33	23.3	30.3	SE 1	SE 1	SE	SE	3.8	57.02	56.45	24.5	30	Calm	SE 1	NE	SE	1
11	59.93	58.79	24	29.4	Calm	E 1	SE	E	3.3	57.32	56.52	24.6	27.6	SE 1	SE 1	SE	SE	1.8
12	59.76	58.54	25	29.8	Calm	NE 2	E	NE	----	58.25	57.06	22.2	30.5	Calm	SE 1	SE	SE	1.3
13	59.08	58.48	24	26	Calm	NE 1	NE	NE	11.4	58.55	57.64	23.2	29.5	Calm	E 1	SE	E	----
14	56.19	52.36	23	26.2	NW 1	N 3	NW	N	26.9	59.07	57.94	25	30.7	E 1	E 1	E	E	----
15	52.51	53.46	24.5	27.5	SE 4	SE 2	SE	SE	1.8	59.61	58.60	22.6	29	E 1	E 1	E	E	----
16	55.37	54.64	25.5	28.8	SE 1	SE 1	SE	SE	.8	60.06	58.66	22.4	30.5	Calm	NE 2	----	NE	.5
17	56.30	55.06	24.8	28.5	SE 1	SE 1	SE	SE	.3	59.13	58.19	24.4	29.2	NE 1	N 2	NE	N	12.2
18	56.60	56.09	25.4	27.6	Calm	SE 1	SE	SE	.3	58.57	58.06	25.8	26.6	N 3	N 3	N	N	15.5
19	56.95	55.44	23.5	30	Calm	SW 1	SE	SW	.5	58.76	57.03	23.5	24.8	N 3	N 2	N	N	27.9
20	57.28	56.07	22.4	26.4	Calm	SW 1	SW	SW	----	56.25	55.70	23	25	N 2	N 1	N	N	43.2
21	58.33	57.66	22.6	31.5	Calm	SW 1	SW	SW	----	56.03	55.43	24.4	27.2	N 1	N 2	N	N	34.8
22	58.84	57.88	22.7	31.2	Calm	E 1	SW	E	----	56.54	55.17	24.4	28.5	N 1	NW 1	N	NW	15.7
23	58.46	57.49	24.2	31	Calm	E 2	E	E	1.8	58.33	57.15	24.8	27	Calm	NW 1	NW	NW	37.6
24	58.79	57.73	23.8	31.8	E 1	E 1	E	E	1	59.08	58.15	22.4	25.4	NE 1	NE 1	NE	NE	7.4
25	58.48	57.92	22.8	26.5	NE 1	NE 2	NE	NE	4.1	60.05	59.61	25.5	27.4	Calm	NE 1	NE	NE	11.7
26	58.11	57.71	26	27.2	NE 2	NE 3	NE	NE	13.7	61.12	61.66	25.2	26	N 2	NE 3	N	NE	71.1
27	58.57	57.65	23.5	26.4	NE 1	NE 1	NE	NE	27.2	61.90	61.81	23.8	26	NE 4	NE 1	NE	NE	31
28	59.06	58.74	22	25.5	E 2	NE 2	E	NE	21.1	62.18	61.35	25.5	27.4	NE 2	NE 1	NE	NE	22.9
29	59.12	59.06	24.2	29.4	NE 1	NE 1	NE	NE	2.3	61.60	60.44	23	29.2	Calm	E 1	NE	E	11.2
30	59.33	59.46	23	24.8	NE 2	NE 2	NE	NE	13.7	60.19	58.88	25.6	26.4	E 1	E 1	E	E	6.9
31	----	----	----	----	----	----	----	----	----	59.17	58.18	23.6	25.4	Calm	E 1	E	E	6.1
Mean	57.73	56.70	23.9	28.7	0.9	1.8	----	----	----	58.59	57.72	24.1	27.7	1.1	1.4	----	----	----
Total	----	----	----	----	----	----	----	----	204.7	----	----	----	----	----	----	----	----	415.7

SUMAY, GUAM (LADRONE ISLANDS).

[φ=13° 24′ N; λ=144° 38′ E; barometer above sea, 20.4 meters; gravity correction not applied, −1.76 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.							mm.
1	59.17	56.25	26	28.4	E	3	E	4	------	E	1.3
2	58.15	56.15	25.2	28.6	E	1	E	4	------	E	2.5
3	58.37	56.23	26	28.4	E	2	E	4	------	------	2.5
4	57.87	56.15	25.6	28.8	ENE	1	E	3	------	------	1.3
5	57.45	55.78	25	27.4	E	1	ENE	2	------	------	------
6	57.80	55.90	22.4	28	Calm		ENE	3	E	ENE	1.3
7	57.65	56.33	25.2	27.4	ENE	2	ENE	4	------	------	.8
8	58.72	56.98	25.6	27.4	E	3	E	4	------	------	3
9	59.29	58.33	23.8	27.4	E	3	E	5	------	------	.8
10	59.72	58.70	25	27.8	ENE	2	E	5	------	------	------
11	58.75	57.05	24.6	27	E	2	ENE	4	------	------	.8
12	57.62	55.32	24.8	27.4	E	2	ENE	4	E	ENE	------
13	56.77	55.33	24.6	28	E	2	E	3	------	E	------
14	57.10	56.25	22.6	25.6	Calm		E	?	------	------	10.2
15	58.07	56.98	25.8	27.6	NNE	2	NE	2	NNE	------	------
16	58.45	57	25	27.4	ENE	3	ENE	4	------	ENE	7.6
17	58.70	57.40	25	26.8	E	2	E	4	------	E	3.8
18	61.52	59.20	25	26.6	ENE	5	ENE	7	ENE	------	------
19	62	60.95	25	27	E	4	E	6	E	E	2.5
20	63.48	61.75	24.8	26	E	2	E	7	E	------	3.8
21	62.68	60.18	25	27	E	4	E	6	E	------	------
22	61.15	59.95	25.6	27.4	E	4	E	5	------	------	1.3
23	61.55	60.30	24.4	28	E	3	E	3	------	------	------
24	62	60.38	25	27.8	E	3	E	5	------	------	2.5
25	60.90	59.05	24.6	27.4	E	2	E	4	------	E	1.3
26	60.68	59.03	25.4	28	SE	2	E	3	------	E	------
27	60	58.67	24.6	25.4	ENE	2	ENE	4	E	ENE	1.8
28	58.85	57.20	24.6	27.6	ENE	2	E	3	------	------	------
29	56.47	55.42	23.8	28.6	SE	1	NW	2	------	------	------
30	57.50	55.85	22	28.2	Calm		NNE	2	------	------	------
31	57.79	57.25	24	25.4	E	4	ENE	5	------	E	6.1
Mean	59.23	57.66	24.7	27.4		2.2		3.9	------	------	------
Total	------	------	------	------	------		------		------	------	55.2

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Lower clouds. direction. 6 a. m.	Lower clouds. direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.							mm.
1	58.81	57.73	25.4	27.2	ENE	5	ENE	6	ENE	ENE	0.8
2	59.18	58.13	24.8	26.6	E	3	ENE	4	E	ENE	2.5
3	59.51	57.71	24.6	25.2	E	3	E	4	E	E	3.8
4	59.15	58.03	24.2	27	ENE	2	ENE	4	------	ENE	------
5	59.98	59.03	25	26.6	E	3	ENE	4	E	ENE	------
6	59.94	59.23	25.4	27	E	4	ENE	5	E	ENE	------
7	60.83	59.38	23.8	25.8	ENE	4	ENE	4	------	------	------
8	61.33	59.73	23.6	23.4	ENE	5	ENE	6	ENE	ENE	8.9
9	60.66	58.83	24.4	25	E	4	ENE	6	E	ENE	8.9
10	61.14	59.41	25.2	28	ENE	2	E	4	ENE	E	7.6
11	60.84	58.56	25	25	E	2	E	2	------	E	.8
12	60.35	58.48	24.6	27.6	ENE	3	ENE	4	------	ENE	5.1
13	60.13	58.46	24.4	27	ENE	2	ENE	5	ENE	ENE	.8
14	59.98	58.08	24	27.8	ENE	5	ENE	4	ENE	ENE	------
15	60.06	59.19	25.4	28.2	ENE	3	E	4	ENE	E	3.8
16	60.69	59.61	25.4	28	E	2	E	4	------	E	------
17	60.63	60.31	25.4	27.4	ESE	2	E	4	------	------	6.4
18	61.94	60.89	25	27	ENE	2	E	3	ENE	E	3.3
19	60.74	59.93	25	27.4	ENE	2	E	3	ENE	E	1.5
20	60.23	59.76	25.4	28	ENE	2	ENE	4	ENE	ENE	1.3
21	59.56	58.66	25.4	28.4	E	2	E	4	------	E	1.3
22	60.56	59.11	25	28.4	E	1	E	3	------	E	1.3
23	60.84	59.73	25	26.4	ENE	2	ENE	3	------	ENE	------
24	60.89	59.04	25	28.4	E	2	E	4	E	E	2
25	60.11	58.74	25.8	28.6	E	2	E	4	------	E	------
26	60.66	58.94	25	27.4	ENE	3	ENE	4	ENE	ENE	------
27	60.20	58.70	25	28.4	ENE	2	ENE	4	ENE	ENE	.5
28	59.67	58.18	25.4	28	E	2	E	5	E	E	.8
29	------	------	------	------	------		------		------	------	------
30	------	------	------	------	------		------		------	------	------
31	------	------	------	------	------		------		------	------	------
Mean	60.31	58.98	24.9	27.1		2.7		4.1	------	------	------
Total	------	------	------	------	------		------		------	------	61.4

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.							mm
1	58.22	57.75	25	28.6	E	1	E	5	E	E	3.8
2	59.25	57.98	25	30	E	3	E	3	------	E	------
3	58.70	57.95	25	28	ENE	2	ENE	3	ENE	ENE	2
4	59.27	57.98	25	27.4	E	1	ENE	4	------	ENE	.8
5	60.60	59.40	25	27.6	ENE	2	ENE	4	ENE	ENE	------
6	60.05	58.88	25.6	28.4	ENE	3	ENE	3	ENE	ENE	------
7	59.87	58.13	25	29	ENE	2	E	4	ENE	E	------
8	58.87	56.73	25.2	28.8	E	2	E	4	E	E	------
9	58.42	57.25	25.4	27.6	ENE	2	E	5	ENE	E	2
10	58.90	57.25	25.4	29	E	3	E	5	E	E	2.5
11	58.67	56.95	25.4	28.6	E	2	E	4	E	E	2.5
12	57.90	56.40	24.6	26.2	E	2	E	3	E	E	24.1
13	58.62	57.28	24.6	28	ENE	3	ENE	5	------	ENE	2.5
14	60.25	58.95	25.4	27.2	E	3	ENE	5	------	------	------
15	59.92	58.35	25	27.6	ENE	2	E	4	------	E	------
16	59.57	58.28	25.4	27.4	ENE	3	E	4	------	------	3.8
17	58.67	57.65	25.6	27.6	E	3	E	4	------	E	------
18	59.20	58.23	25.2	28.2	E	2	E	4	E	E	------
19	59.80	58.90	25	28.4	E	3	E	4	E	E	7.6
20	60.50	59.33	25.2	28	E	2	E	4	E	E	2.5
21	59.67	58.48	25	27.8	E	2	ENE	4	E	ENE	------
22	60.27	58.65	24.6	27	ENE	2	ENE	5	------	ENE	1.5
23	59.90	58.63	25	28.4	ENE	2	E	4	ENE	E	2.5
24	60.30	59.10	25.4	28.2	E	2	E	4	------	E	1.3
25	60.88	59.70	25	29.4	ENE	2	E	3	------	E	3.8
26	61.68	60.08	25	27.4	ENE	2	E	4	E	E	2
27	61.38	59.78	25.4	27	ENE	2	ENE	4	------	ENE	5.1
28	60.90	59.70	24	28	ENE	2	E	3	------	E	------
29	60.93	58.65	25.4	28	E	1	ENE	3	------	------	------
30	60.15	58.20	24.8	28.2	ENE	2	NE	3	------	------	------
31	59.90	58.18	24.8	28	ENE	1	NE	2	------	NE	------
Mean	59.72	58.35	25.1	28		2.1		3.9	------	------	------
Total	------	------	------	------	------		------		------	------	70.3

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Lower clouds. direction. 6 a. m.	Lower clouds. direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.							mm.
1	60.73	59.35	25.4	29	E	1	ESE	3	------	------	------
2	61.25	59.10	25.6	29	E	1	ESE	3	------	------	------
3	60.70	58.95	25.4	29	ENE	1	NE	2	ENE	------	------
4	61.13	58.60	25.8	29.6	E	1	ESE	3	------	------	------
5	60.02	57.83	25.8	29.4	ENE	2	ENE	3	------	------	------
6	59.10	57.70	25.2	28.8	ENE	1	NE	2	------	------	------
7	58.72	57.25	26	28.4	E	1	NE	3	------	NE	------
8	60.22	59.33	26	29	E	2	E	3	------	E	1.3
9	60.85	59.23	26	29.4	E	2	E	3	------	------	------
10	61.08	58.75	25.6	30	E	2	ESE	4	------	ESE	.8
11	60.40	58.40	25	28.8	ESE	2	ESE	4	------	ESE	1.3
12	60.57	59.30	26	29.8	E	3	E	3	------	E	------
13	60.65	59.40	26	29.8	E	2	E	4	------	E	------
14	60.60	58.10	25.6	28.4	ENE	2	E	3	------	E	------
15	60	58.10	25.6	30.4	E	1	ESE	2	------	------	------
16	59.90	57.73	25.4	28.4	ENE	2	ENE	3	------	ENE	------
17	59.70	58.23	25.6	29.8	ENE	1	E	4	------	E	------
18	59.45	58.58	25.6	29.8	E	1	E	3	E	------	------
19	59.25	57.58	25.6	30	ENE	1	ESE	3	------	------	------
20	58.77	57.33	25.6	28	E	1	ENE	3	------	ENE	------
21	59.77	58.95	25.6	29.6	E	1	ENE	3	------	ENE	------
22	60.25	58.35	26	29.2	NE	1	NE	3	------	NE	------
23	59.62	58.03	25.6	29.4	Calm		NNE	3	------	NNE	------
24	60.25	58.68	26.4	30.2	E	1	SE	3	------	SE	------
25	59.42	57.95	26.4	30.6	ENE	2	E	3	------	E	------
26	59.12	57.73	26.6	28	E	1	NNE	3	------	------	1.3
27	58.28	57.47	26.6	25	E	1	WNW	1	------	------	14
28	58.97	57.75	26	26.6	SSE	1	WNW	1	------	------	15.2
29	59.20	57.96	25.4	30.6	SSE	1	ESE	3	------	------	------
30	59.28	57.38	27	30.6	ESE	1	SE	3	------	------	------
31	------	------	------	------	------		------		------	------	------
Mean	59.91	58.30	25.8	29.2		1.3		2.9	------	------	------
Total	------	------	------	------	------		------		------	------	33.9

SUMAY, GUAM (LADRONE ISLANDS).

[ϕ=13° 24′ N; λ=144° 38′ E; barometer above sea, 20.4 meters; gravity correction not applied, —1.76 mm.]

MAY.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	59.40	57.28	26.4	28.4	ENE 2	E 4	------	E	5.1
2	59.20	57.70	26.6	29.4	E 3	E 4	E	E	2.5
3	59.77	58.18	26	28.4	ENE 3	ESE 4	ENE	E	8.9
4	59.30	58.63	26	29	E 3	E 2	------	E	------
5	59.42	57.58	26.4	30.4	ENE 2	ESE 3	------	ESE	------
6	59.12	57.75	26.8	29.4	E 3	E 3	E	E	------
7	59.58	58.40	26.6	30.6	ENE 2	ESE 3	ENE	ESE	2.5
8	60.10	58.53	25	29.8	ENE 2	ESE 3	ENE	ESE	8.9
9	59.98	58.93	27	30	ESE 2	ESE 4	------	ESE	1.3
10	59.45	58.80	26	29.4	ESE 2	E 3	ESE	E	------
11	60.25	58.63	26.8	29.8	ENE 2	ESE 4	------	ESE	------
12	59.87	58.26	26.8	30.6	ENE 2	ESE 3	ENE	ESE	------
13	59.65	58.15	26.8	29.6	E 1	ESE 3	------	ESE	------
14	60.32	58.78	26	31	E 1	ESE 3	------	ESE	------
15	61.20	59.53	26.6	30.4	Calm	E 3	E	------	------
16	61.75	59.20	25.8	30.4	E 1	ESE 3	------	ESE	------
17	60.93	59.05	27.2	30	E 2	ESE 7	E	ESE	------
18	60.63	58.96	27	31.4	ENE 2	ESE 3	------	ESE	.8
19	60.68	57.88	27.4	30.4	E 2	E 2	------	E	1.3
20	59.98	58.48	26	31	ENE 2	ESE 3	------	ESE	------
21	59.95	58.50	27.4	30	ENE 1	ESE 3	------	ESE	------
22	60.98	60.23	27.4	27	E 1	ESE 1	------	ESE	14
23	62.93	60.10	27	30.2	E 2	ENE 3	------	ENE	------
24	60.35	59.10	26	28.2	Calm	ENE 4	------	------	------
25	59.75	58.33	27	29	ENE 2	NE 2	------	------	6.4
26	59.40	58.33	27.4	30	E 1	ESE 3	------	ESE	3
27	60.48	58.83	27	30	E 1	E 2	------	------	------
28	60.35	58.83	27	30.4	E 2	ESE 4	------	------	------
29	60.05	58.10	27	30.2	ENE 2	ESE 3	------	ESE	------
30	58.73	56.88	27	28	E 1	NNW 2	------	------	5.1
31	58.73	57.30	27	30.4	ESE 1	ESE 2	------	ESE	.5
Mean	60.07	58.49	26.7	29.8	1.7	3.1	------	------	------
Total	------	------	------	------	------	------	------	------	60.3

JUNE.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	59.15	58.01	27	31.4	E 1	ESE 3	------	ESE	------
2	59.40	57.78	27.4	31.4	ENE 1	ESE 3	------	ESE	------
3	59.35	58.36	25.6	31.4	ENE 2	ESE 3	ENE	------	2.5
4	59.50	58.10	27	29	ESE 1	Calm	------	------	10.2
5	58.80	57.70	27.4	30	E 1	NE 2	------	------	------
6	58.60	57.33	25.4	30	S 1	SE 2	------	------	------
7	59.50	58.58	26.6	31	SE 1	ESE 2	------	------	------
8	59.55	58.18	27	31.8	ENE 1	ESE 3	------	ESE	------
9	59.15	57.58	27.4	29	ENE 2	ENE 3	------	ENE	------
10	59.15	57.63	28	31	E 1	SE 3	------	SE	------
11	59.30	58.28	27	29.8	ENE 2	ESE 4	------	ESE	2.5
12	59.90	58.33	27.8	30	E 2	E 4	------	E	.8
13	60	58.70	27.8	29.8	E 2	ESE 2	------	------	19
14	60.47	59.65	24.4	27.8	ESE 2	S 4	------	------	10.2
15	61.18	60.33	26	29	S 1	SW 3	------	------	------
16	60.63	60.18	27	25.8	ESE 1	NNE 2	------	NNE	6.4
17	61.13	59.85	24	28	Calm	Calm	------	------	1.3
18	60.85	59.83	25.4	27.4	ESE 1	WSW 2	------	------	11.4
19	60.25	59.50	27	29	ESE 1	ESE 2	------	------	10.2
20	59.90	58.50	27	30	S 1	ESE 3	------	ESE	------
21	58.45	57.33	27	27.2	E 3	ENE 4	------	ENE	20.3
22	57.63	56.40	27	30	ENE 1	E 3	ENE	E	6.4
23	57.75	56.83	27	29.4	E 2	ESE 4	------	ESE	2.5
24	60.12	59.45	25.6	28.8	S 1	E 1	------	------	7.6
25	61.03	59.20	27.4	30.6	SE 1	ENE 4	------	ENE	.8
26	59.03	58.20	27.4	29.6	ENE 1	E 3	ENE	------	6.4
27	58.57	57.23	25.4	28	E 3	ESE 3	E	------	8.4
28	58.95	58.23	26.4	28	Calm	E 4	ESE	------	5.1
29	59.50	58.33	26.6	29.4	ENE 2	ESE 4	ENE	E	------
30	58.83	57.68	27	30.4	E 2	E 4	------	E	2.5
31	------	------	------	------	------	------	------	------	------
Mean	59.52	58.38	26.6	29.5	1.4	2.8	------	------	------
Total	------	------	------	------	------	------	------	------	134.5

JULY.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	58.10	57.13	26.8	28	ENE 3	ESE 3	------	------	2
2	57.95	56.78	27.2	30	ENE 2	E 3	------	------	11.4
3	58.15	57.10	27	30	E 2	ENE 3	------	E	2
4	59.40	57.68	27	29.4	E 2	E 4	------	------	------
5	58.85	58.05	27.8	29.8	E 2	E 4	------	------	2.5
6	58.68	58.46	27	30	E 1	SE 3	------	SE	------
7	59.45	59.60	26.2	29.8	SSW 1	SE 3	------	------	3.8
8	60.50	59.73	26	29.2	E 2	E 4	------	E	------
9	60.55	59.62	26.4	25.8	E 1	NNW 2	------	------	22.1
10	59.75	58.50	27	30	E 1	ESE 2	------	E	------
11	59.10	58.70	27	30	E 1	E 3	E	E	2
12	58.78	58.23	27.2	29.4	E 1	E 3	------	------	7.6
13	59.67	58.93	26.4	28	E 2	E 4	------	E	1.3
14	59.10	58.43	27.4	29.8	E 2	ESE 3	E	E	16.5
15	59.50	58.15	25	27	ENE 2	ENE 3	------	------	27.9
16	59.05	58.13	26.6	28.4	E 2	SE 4	------	SE	10.2
17	60.05	59.58	25.4	26	ENE 2	E 3	------	------	8.9
18	59.77	58.95	26	29	ENE 3	E 4	------	------	22.9
19	59.25	58.35	26	28.4	E 2	SE 4	------	------	4.6
20	58.67	57.28	26.2	27.4	ESE 1	ESE 2	------	------	37.6
21	59.27	58.50	23.8	25.4	S 1	ESE 3	------	------	11.2
22	59.17	57.90	26	28.4	ENE 3	ENE 3	------	------	48.3
23	59.12	58.37	23.6	25	S 1	ESE 1	------	------	114.3
24	59.02	58.20	25	25.2	SSE 2	S 2	S	------	30.5
25	59.40	58.87	24	25	ENE 2	ENE 2	------	------	10.2
26	59	58.43	25.2	28	ENE 1	ENE 3	------	ENE	------
27	58.67	57.25	25.4	27.6	S 1	WSW 2	------	------	4.6
28	57.58	57.28	26.6	29	SSW 2	S 3	------	------	1.3
29	57.35	56.83	26.4	29.4	SSW 1	SSW 2	------	------	1.3
30	58.78	57.93	26	29	Calm	SW 3	------	------	.8
31	59.90	58.33	25.6	28.6	Calm	WSW 2	------	------	------
Mean	59.08	58.23	26.1	28.3	1.6	2.9	------	------	------
Total	------	------	------	------	------	------	------	------	405.8

AUGUST.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	59.33	58.45	25.4	27.4	Calm	SSE 1	------	------	------
2	58.97	57.83	25.4	28.4	SSW 1	WSW 1	------	------	3.8
3	58.48	56.93	26.4	28.4	S 1	WSW 2	------	------	------
4	58.95	58.13	25.6	28.4	Calm	SW 2	------	------	------
5	59.35	58.83	25.4	30	Calm	SW 3	------	------	------
6	59.72	58.23	25	29	SW 1	WSW 2	------	------	2.5
7	58.43	58.20	27.4	30.4	WSW 1	WNW 3	W	W	------
8	58.63	58.03	27.4	30	W 1	WSW 3	W	W	8.9
9	60.23	59.60	26.4	28.6	WNW 2	N 1	------	------	2
10	60.53	58.93	26.8	29	Calm	NE 2	------	------	3.8
11	59.58	57.85	27.6	29.6	ENE 1	ENE 4	------	ENE	9.7
12	58.22	57.50	26.8	30.2	E 2	E 3	------	E	2.5
13	59.25	59.40	26	27.2	ESE 1	SE 1	------	------	43.2
14	59.50	58.60	26.4	29.8	SSE 1	NW 1	------	------	2.5
15	58	57.30	27	25.6	N 2	SW 3	------	------	40.6
16	57.67	57.20	24.4	25	ESE 1	SSE 1	------	------	11.4
17	59.27	58.53	26.8	30	SE 1	SSW 3	------	------	2.5
18	61.08	59.88	26	29.2	Calm	ENE 3	------	NE	7.6
19	59.55	58.35	27	30	ENE 3	ENE 4	ENE	ENE	4.1
20	58.40	57.58	27	26	E 1	SSW 1	------	------	7.1
21	57.38	57.10	25.6	29.4	Calm	SSE 3	------	------	3.8
22	58.85	58.20	26	30	Calm	E 1	------	------	------
23	58.93	57.98	26.8	29.4	Calm	ENE 2	------	E	------
24	58.75	57.26	26.6	31	ESE 1	SSE 3	------	SE	------
25	58.03	56.70	26	28.4	ESE 1	NW 1	------	NW	4.6
26	57.55	57.13	27.2	28	Calm	SSE 1	------	------	50.8
27	58.45	57.45	26.4	30	Calm	W 2	------	------	------
28	58.48	57.95	26.6	28.4	SSE 1	WNW 3	------	------	1.3
29	58.08	57.06	27.6	30.6	ENE 1	ESE 3	------	------	------
30	57.83	56.43	26.8	28.4	E 2	ENE 4	E	------	35.6
31	57.65	56.40	27.4	30	ENE 2	E 3	ENE	E	4.6
Mean	58.81	57.90	26.4	28.9	0.9	2.3	------	------	------
Total	------	------	------	------	------	------	------	------	252.9

SUMAY, GUAM (LADRONE ISLANDS).

[ϕ=13° 24′ N; λ=144° 38′ E; barometer above sea, 20.4 meters; gravity correction not applied, —1.76 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.50	56.03	25	29	ENE 4	NNE 3	ENE	NE	8.1
2	56.95	56.73	26	29	SSE 1	NW 1	SW		5.1
3	57.52	55.75	25.4	28	SW 2	SSW 4	SW	SSW	55.9
4	57.55	55.10	24	27	SSW 2	S 4		SSW	16
5	57.08	56.20	26.8	29.8	S 1	SSW 4	S	S	
6	58.25	57.50	27.4	30.4	SSW 1	SW 3		SW	
7	58.25	57.70	26.8	29.6	SSW 2	SSW 4		SSW	
8	57.75	56.73	25.2	30	SSE 1	SSE 3			2
9	58.28	57.13	26.4	28	SW 1	SW 3			1.5
10	58.35	56.28	26	28.4	SW 1	SW 2			.5
11	57.60	56.33	27.4	29	SW 4	SW 4	SW		.8
12	58.75	57.03	26.6	28.4	SW 1	SW 3			129
13	57.40	55.12	23.6	27	SW 1	SW 4		SW	25.4
14	54.29	52.62	24	28.4	Calm	ESE 2			43.2
15	53.59	54.37	24	24	SW 9	SW 7			27.9
16	58.12	57.70	25.6	25.4	S 3	SSW 3	S		5.3
17	58.98	57.10	26.8	29.4	ENE 1	ENE 4		ENE	
18	57.55	57.38	27.4	29.2	ENE 2	ENE 4			3.8
19	57.47	56.50	24.8	28.2	SSE 1	ENE 3		ENE	5.1
20	57.45	56.20	27.4	30.6	ENE 1	ESE 3	E	E	
21	58.47	57.30	26	26	S 2	WNW 1			10.2
22	59.05	58.28	26.4	30.2	Calm	ESE 3			4.6
23	60.05	60.40	27	27.8	Calm	ENE 3			82.5
24	60.22	58.33	26.8	28.6	SSE 1	N 3			.5
25	58.38	57.20	26.8	30	ENE 1	ENE 2	ENE		
26	59.15	57.43	25.4	28.6	Calm	WSW 3			7.6
27	60.42	58.73	26	28.8	E 2	ENE 2			8.4
28	58.57	56.15	26	28.6	ENE 4	ENE 4			17.8
29	55.95	54.62	26	28.8	ESE 2	ESE 5		ESE	19
30	57.20	57.23	26.4	29	SE 3	SE 3		SE	16
31									
Mean	57.87	56.71	26	28.5	1.8	3.2			
Total									496.2

OCTOBER.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	59.50	57.95	25.8	29.4	SE 1	E 3		E	
2	58.63	56.48	27	25.8	Calm	NW 3			21.1
3	56.05	54.72	27	28.6	WNW 3	SW 4	WNW	SW	22.9
4	55.85	55.30	27	26	SW 5	SW 3	SW		35.6
5	58.37	57.58	24	27.4	SW 4	SW 2		SW	3.6
6	60.40	59.27	24.8	27	S 2	SE 4	S	S	1.5
7	59.77	58.63	26	30	ENE 1	ESE 2			7.6
8	59.05	56.83	26	28.4	E 2	E 2	E	E	3.3
9	57.68	56.13	26.8	28.6	ENE 2	ENE 4		ENE	2.5
10	56.70	54.82	25	27	ENE 5	ENE 5	E		12.7
11	54.45	52.49	26	23	ENE 6	ENE 9	ENE		91.4
12	54.50	53.45	25.4	26.6	S 3	S 4	S		22.9
13	55.72	54.64	24.4	26.4	S 4	S 4			20.3
14	56.70	55.77	24.4	27	S 4	ESE 2	S	ESE	10.2
15	58.10	56.55	25.8	28.6	Calm	ESE 2		E	6.9
16	58.37	56.88	25	28.4	Calm	NNE 1			5.1
17	58.50	56.62	23.8	27	SSW 1	SW 1			28.7
18	57.32	54.85	25.6	28	ENE 1	ENE 3			2
19	56.25	55.45	25	27	S 1	SE 3	S	SE	6.1
20	57.72	57.25	26.4	28	SE 2	SSE 3	SE		2.5
21	60.08	58.98	26.4	29	S 1	E 2	S	E	3
22	60.70	58.88	27	29	ENE 1	ENE 3		ENE	10.2
23	60.50	58.68	26.4	29	ENE 1	ENE 3			1.3
24	60.15	58.85	26.4	28.4	ENE 3	ENE 4	ENE	E	10.7
25	60.15	58.73	27	29.6	ENE 2	E 4		E	2
26	59.88	58.10	26.6	29	ENE 4	E 4	ENE	E	3.3
27	60.35	58.88	26.8	28.8	ENE 2	ENE 4			3.8
28	59.20	58.05	26.4	29	ENE 2	ENE 4	ENE	ENE	
29	59.05	57.03	26.6	29	ENE 2	E 4		E	1.3
30	58.25	57.13	26.6	29	ENE 2	ENE 5	ENE	ENE	1.3
31	58.12	57.48	26.2	29	ENE 3	ENE 4	ENE	ENE	
Mean	58.26	56.85	25.9	28	2.3	3.4			
Total									343.8

NOVEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.50	56.35	26	29.2	ENE 2	ENE 3	ENE	ENE	
2	58	56.38	26.6	28	ENE 1	E 1		E	1.3
3	57.40	56.40	26.4	28.4	ENE 2	NE 1			5.6
4	57.03	56.05	24.8	27	Calm	E 2			35.6
5	56.70	55	25.4	26	ENE 5	ENE 5	ENE	ENE	20.3
6	58.02	56.87	26.4	26.4	ENE 2	ENE 3	ENE	ENE	16.5
7	58.48	56.83	26.8	28.8	ENE 4	ENE 6	ENE	ENE	1.5
8	58.83	57.28	27	27.6	ENE 4	ENE 4	ENE	ENE	5.1
9	59.67	58.15	26	29.4	ENE 4	E 5	ENE	E	1.5
10	59.45	57.58	26.4	29	ENE 4	ENE 4	ENE	ENE	6.4
11	59.42	57.20	25	28	E 4	E 3	E	E	3
12	59.17	58.10	26.4	25.8	E 3	ENE 3	E	E	36.8
13	59.85	59.23	27	29	ENE 3	E 3	ENE		1.3
14	59.40	57.95	27	27	E 2	ESE 3			16.5
15	59.55	57.63	27	28.6	E 2	E 4	E	E	6.4
16	59.22	58.15	24.8	28.2	ENE 3	E 4		E	4.3
17	59.40	57.88	25.4	29.4	Calm	E 3		E	2.5
18	59.37	57.85	26.2	28.6	ENE 2	ESE 3		E	
19	59.57	57.90	25	28	Calm	ENE 3			2.5
20	59.27	58.03	27	28	ENE 1	ENE 2			
21	60.10	59.05	23.2	28.4	Calm	ENE 2			
22	60.27	58.33	26	29	ENE 2	E 4		E	2.5
23	58.92	57.10	26	28.6	ENE 2	ENE 3		ENE	
24	58.07	55.58	26	27.6	Calm	E 3		E	5.6
25	58.42	57.82	26	26.4	ENE 1	ESE 4			10.2
26	58	57.95	25.4	28	ENE 3	ESE 3			2.5
27	59.52	57.68	26	28.4	ENE 1	E 4	E	E	2.5
28	59.57	58.75	26.2	28.2	ENE 3	ENE 4			
29	58.57	57.03	26	28.2	ENE 3	ENE 4		ENE	5.1
30	59.02	57.18	27	29.4	ENE 3	ENE 4		ENE	1.3
31									
Mean	58.86	57.44	26	28.1	2.2	3.3			
Total									196.8

DECEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.80	56.78	26	28.2	ENE 3	E 4	ENE	E	8.9
2	57.55	56.37	26.4	24	E 3	SE 3	E		34.3
3	57.22	55.38	26	28.2	E 3	E 5	E	E	10.2
4	56.17	55.50	25.6	25.6	ESE 3	SE 3			25.4
5	56.32	55.05	25.6	28.6	ESE 2	ESE 3		ESE	
6	57.25	55.25	24.2	28	Calm	E 3		E	.8
7	57.95	56.03	26.6	28.6	ESE 3	E 3	E	E	
8	58.12	57.05	25.6	28.4	E 3	ENE 3	E	E	2.5
9	59.07	56.63	26	27.6	Calm	ENE 3		E	
10	58.42	57.45	25.6	27.4	ENE 1	ENE 2	E		
11	57.80	56.53	25	28	E 3	ENE 2	E	E	
12	57.95	56.58	26	25.8	ENE 3	ENE 4			10.2
13	58.35	57	25.6	28	E 2	E 4		E	10.2
14	59.05	58.13	26	29	E 2	E 4			1.3
15	59.02	58.33	26.4	28.2	ENE 3	E 3	E	E	1.5
16	58.85	57.10	26.2	28.4	ENE 4	E 5	ENE	E	3.8
17	59.07	57.65	26	28.6	E 2	E 3	E	E	30.5
18	59.37	58.27	23	23.8	ENE 5	ENE 3			47
19	58.57	58.43	25.6	28.4	ESE 1	E 2		E	
20	60.60	58.35	24	27.8	Calm	ESE 4	E	E	1.5
21	59.77	58.35	25.6	28.4	ESE 2	SE 3			.8
22	60.18	59.13	25.6	29	ESE 1	SE 3			
23	60.10	58.88	23.8	28	ESE 1	ESE 3			
24	59.80	58.58	24.8	28.6	ENE 1	E 3		E	
25	60.15	58.33	26	28.8	ESE 1	ESE 3		E	2
26	60.93	59.43	25.4	28.2	E 2	E 3		E	1.3
27	61.98	60.73	25.4	28	E 2	ENE 3	E	E	3
28	62.80	61.73	25.8	28.4	ENE 3	ENE 5	E		3.8
29	61.98	61.13	25	27.6	E 4	ENE 3		E	3.3
30	60.98	58.97	25.2	24.4	Calm	ENE 5			48.3
31	59.45	58.07	25.6	27.6	ENE 4	E 4		E	3.6
Mean	59.12	57.78	25.5	27.7	2.2	3.4			
Total									254.2

VIRAC.

[φ=13° 35′ N; λ=124° 14′ E; barometer above sea, 5 meters; gravity correction not applied, −1.76 mm.]

Day.	JANUARY.									FEBRUARY.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6. a. m.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	59.11	58.38	23.7	26	ENE 2	NNE 1	-----	NE	2	59.27	59.27	20.5	24.4	WNW 1	NE 3	NE	-----	8.9
2	59.05	57.59	24	24.4	NNE 2	ENE 2	-----	-----	52.1	59.37	58.60	21.5	28.6	WNW 1	E 3	NE	E	1.3
3	58.71	57.86	24.5	26.1	ENE 2	ENE 2	NE	-----	2.8	58.71	58.40	23	28.9	ENE 1	ENE 3	NE	NE	-----
4	58.70	57.17	21.6	30.8	NNW 1	ENE 2	NE	NE	16.8	59.72	59.90	22.5	27.6	NNW 1	ENE 2	NE	NE	2.8
5	58.02	56.62	22.8	29	WNW 1	E 2	NE	NE	-----	61.90	61.52	22.3	31	NNE 1	NE 2	E	NE	.8
6	58.39	57.66	22	31.4	WNW 1	NE 2	NE	NE	-----	61.99	61.40	23.5	27.5	ENE 2	NE 3	NE	NE	11.4
7	58.69	57.59	21.9	29.7	WSW 1	ENE 2	NE	NE	-----	62.79	61.76	23.4	28.5	NNE 1	NNE 3	NE	NE	.3
8	59.01	58.62	23.6	31	W 1	ENE 2	-----	N	-----	62.87	61.47	24.1	29.7	ENE 2	ENE 3	NE	NE	1
9	59.92	59.43	24	30.6	NE 1	ENE 2	NE	N	.8	62.48	60.90	22.8	30	NNE 1	ENE 3	NE	N	-----
10	60.92	60	21.5	31.1	W 1	ENE 2	NE	NE	6.6	62.62	60.86	20.5	29	NW 1	ENE 2	NE	NE	-----
11	59.79	59.17	21.6	31.1	WNW 1	ENE 2	NE	NE	.8	62.04	60.45	19.5	28.9	WNW 1	NNE 1	-----	NE	-----
12	59.77	57.86	22.6	28.7	WNW 1	SSE 2	-----	NE	3.8	61.59	60.80	24	27.5	W 1	ENE 1	N	N	5.8
13	58.76	57.40	19.5	27.6	WNW 1	WNW 1	-----	N	-----	61.24	60.49	22.9	23	WNW 1	NNE 2	N	-----	67.8
14	59.26	58.76	20.4	29	WNW 1	ENE 3	-----	NE	5.6	60.07	59.19	23.7?	25.6	NE 4	NE 4	NE	NE	36.6
15	60.93	60.31	22.6	25.5	ENE 3	E 2	NE	E	1.3	59.87	59.54	24.1	28.6	NE 2	ENE 2	NE	NE	1
16	61.30	60.30	23	28.6	ESE 2	NNE 2	-----	N	-----	60.19	59.25	25	31.6	ENE 2	ENE 2	NE	N	25.1
17	60.25	58.47	21.6	29	NE 1	E 2	-----	NE	3.3	59.76	59.16	24.2	28.4	WNW 1	NE 2	NE	NE	20.6
18	58.85	58.21	24.3	28	E 3	ENE 3	-----	NE	7.6	59.77	59.45	25.1	28	NE 2	ENE 3	NE	NE	8.1
19	60.17	60.09	23.5	28.7	ENE 1	ESE 2	NE	E	10.2	59.47	59.37	23.5	30.2	ENE 1	E 2	NE	E	5.1
20	61.49	60.08	22.3	30.8	WNW 1	E 2	NE	NE	6.1	59.67	58.90	22.5	28.8	NW 1	ESE 2	-----	NE	-----
21	59.96	60.04	24.8	28.4	ENE 1	ENE 3	NE	NE	2	59.79	58.75	22.5	31.5	NW 1	E 2	NE	NE	-----
22	60.73	60.11	21.2	30.4	WNW 1	ENE 2	NE	NE	.5	59.88	58.85	21.5	31	WbyN 1	ENE 2	NE	NE	.8
23	60.43	60.22	24.8	30.1	ENE 2	ENE 3	NE	NE	1.3	59.72	58.95	24.5	28.5	NE 1	ENE 2	NE	NE	6.9
24	60.33	59.02	25	30	ENE 2	ENE 3	NE	NE	1.8	59.31	58.82	24	29.8	ENE 1	E 2	NE	NE	.3
25	59.58	58.69	22	30.5	WNW 1	E 3	E	E	-----	59.68	59.26	21.6	30.1	WNW 1	EbyS 2	NE	E	-----
26	60.12	58.80	21.1	30.5	WNW 1	E 3	-----	NE	-----	60	59.78	20.7	29.9	WbyN 1	SE 2	E	E	-----
27	60.02	58.62	21.7	30.4	E 1	ENE 2	E	NE	2	60.04	59.68	21.6	31.5	WNW 1	E 3	NE	NE	.5
28	59	57.43	23.2	28.8	WNW 1	E 2	SE	E	-----	59.54	58.74	22.6	29.5	NW 1	E 2	NE	NE	.8
29	58.55	57.05	21.5	30.2	WNW 1	SSE 2	-----	NW	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
30	59	58.57	23.5	26	WNW 1	ENE 2	NE	NE	7.4	-----	-----	-----	-----	-----	-----	-----	-----	-----
31	59.12	59.18	22.4	28.6	NNE 2	NE 2	N	NE	1.5	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	59.61	58.69	22.7	29.1	1.4	2.2	-----	-----	-----	60.48	59.77	22.8	28.8	1.3	2.3	-----	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	136.3	-----	-----	-----	-----	-----	-----	-----	-----	205.9

Day.	MARCH.[1]									APRIL.[1]								
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	59.46	58.48	22.2	28.7	NW 1	ESE 2	NE	NE	-----	60.65	59.63	22.5	30	WNW 1	ENE 2	E	N	1.3
2	59.93	59.43	22	29.2	NW 1	ENE 2	N	NE	-----	60.20	60.05	26.2?	29.5	ENE 1	ESE 2	NE	NE	1.8
3	60.09	58.90	25	29.5	ENE 1	E 2	NE	E	-----	60.89	60.14	23.1	30	NE 1	ENE 3	E	E	-----
4	60.04	59.32	22.1	27	NW 1	ESE 1	E	E	1.8	60.57	59.97	22.2	29.1	NNE 1	SE 2	E	E	-----
5	61.11	60.35	21.5	29.6	NNW 1	E 2	E	E	.3	60.38	59.65	22.4	30.2	N 1	SE 3	E	NE	-----
6	60.77	60.65	22.5	28.1	WNW 1	NE 2	E	NE	.5	59.38	58.38	21.5	30.2	NW 1	SSE 1	NE	NE	-----
7	60.27	59.45	21.6	30.4	NW 1	ESE 2	NE	NE	.5	58.57	57.86	22.2	29.5	W 1	SSE 2	E	SE	-----
8	60.08	58.65	21.5	29.5	NW 1	E 3	NE	NE	-----	58.98	58.78	23.5	29.5	WNW 1	ESE 2	E	NE	-----
9	59.51	58.88	21.5	30.4	NW 1	E 3	E	E	.3	59.80	59.08	27	29.3	SE 3	SE 2	SE	SE	-----
10	58.99	58.57	22.4	30.4	NW 1	E 3	E	E	.8	60.18	60.07	25.5	30	ENE 1	ESE 2	SE	SE	-----
11	58.62	57.70	23.4	30.2	NW 1	ESE 3	NE	NE	1	60.05	60.32	22	30	ENE 1	SE 2	E	SE	-----
12	58.37	57.84	22.5	27.5	NW 1	SSE 1	NE	E	2.8	60.60	59.90	22.3	29.8	NW 1	ESE 2	E	NE	.3
13	59.12	58.07	22.3	30.1	N 1	E 2	N	NE	-----	60.03	59.14	26.5	30.5	NE 1	NE 2	NE	NE	4.1
14	60.11	59.35	24.5	29.2	ENE 1	N 2	NE	N	38.1	59.83	58.53	25.3	28.8	ENE 1	ENE 1	E	NE	2
15	60.36	59.49	24	28.7	SSE 3	E 2	-----	NE	10.2	59.45	58.13	25.1	29.6	SE 1	SE 2	E	SE	.8
16	60.07	59.41	24.1	23.5	NW 1	NNE 1	NE	-----	26.2	58.65	58.51	26.6	29.7	ENE 1	ESE 2	E	E	-----
17	59.34	58.15	22	29	WNW 1	ESE 2	E	NW	.5	59.37	58.28	23	30.3	NW 2	ESE 2	E	E	1.5
18	59.37	58.47	23.2	30.4	NNE 1	E 3	E	NE	-----	59.51	58.73	24.4	29.7	ENE 1	SE 2	E	NE	.5
19	59.67	59.14	25.8?	27.3	NE 1	NE 3	NE	NE	11.7	59.80	58.10	22.3	29.5	NW 1	SE 2	E	NE	-----
20	59.60	58.25	22.8	29.4	NW 1	NNE 2	E	N	7.1	58.82	57.93	22.4	29.7	NW 1	SSE 2	E	SE	-----
21	57.27	56.80	25	27.4	NE 1	WNW 1	NE	N	5.8	59.19	58.35	22.8	29.9	NNW 1	SSE 1	E	SE	-----
22	56.83	55.37	24.4	28.2	NNW 1	NE 2	NE	NE	15.2	59.47	58.69	23.5	30.2	NW 1	SE 2	SE	E	-----
23	57.34	57.07	25.2	25.5	E 5	ENE 3	E	E	37.3	59.49	58.45	21.2	29.5	WNW 1	SSE 2	SE	SE	-----
24	58.92	58.15	26.2	28	E 3	ESE 3	E	NE	4.1	59.12	58.16	22.7	29.7	WNW 1	SE 2	E	SE	-----
25	60.15	59.97	22.5	29.5	NW 1	E 3	E	E	11.7	59.34	58.29	23	29.5	NW 1	SE 2	E	SE	-----
26	61.60	60.68	24.5	29	NNE 1	ENE 3	E	E	4.1	59.49	58.18	22	29.9	NW 1	SE 2	SE	SE	1.5
27	61.76	60.97	25.5	29.6	NE 1	ENE 2	E	E	3.6	59.49	57.95	22	29.5	NW 1	SSE 2	SE	SE	2.5
28	62	61.05	23.7	29.8	ENE 1	E 3	E	E	.5	58.52	57.45	23.5	30.6	NW 1	SSE 2	E	SE	-----
29	61.18	-----	22.2	-----	WNW 1	-----	E	-----	-----	58.79	57.58	23	29.6	WNW 1	SSE 1	E	E	-----
30	-----	60.12	-----	30	-----	ESE 2	-----	E	-----	58.22	57.90	22.5	28.7	NW 1	NNW 1	E	NE	10.4
31	60.66	60.24	22	29	N 1	SE 2	E	E	.8	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	59.75	58.97	23.3	28.8	1.3	2.2	-----	-----	-----	59.56	58.74	23.4	29.7	1.1	1.9	-----	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	184.9	-----	-----	-----	-----	-----	-----	-----	-----	26.7

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[1] Height of the barometer above sea for these months, 9 meters.

VIRAC.

[φ=13° 35′ N ; λ=124° 14′ E ; barometer above sea, 8 meters ; gravity correction not applied, —1.76 mm.]

MAY.[1]

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	58.17	57.73	24.5	30	ENE 1	ESE 2	NE	E	?
2	58.26	57.53	24	30.9	NW 1	ESE 2	SE	SE	4.6
3	59.12	58.09	24.6	31	NW 1	ESE 3	E	E	.5
4	58.20	57.64	23.6	30.8	NNW 1	SE 3	E	NE	.3
5	57.78	57.09	24.1	30	WNW 1	SE 2	E	SE	3.8
6	57.88	56.83	24.7	31.1	NW 1	E 2	SE	E	5.8
7	57.53	56.99	25.5	30.6	ESE 2	ESE 2	E	E	6.4
8	56.99	56.19	24	30.7	NW 1	SE 2	E	NE	6.4
9	57.23	57.04	24.5	28.6	Calm	SSE 1	------	SE	26.2
10	58.84	58.26	25.4	29.5	NW 1	ESE 1	E	E	.8
11	59.62	58.23	24.1	30.4	NW 1	SE 3	E	E	.3
12	58.97	58.26	26	30	Calm	SE 2	E	SE	6.4
13	58.18	57.60	24	30	NNW 1	SE 3	SE	SE	1
14	58.28	57.74	22.7	30	NW 1	SE 2	SE	SE	-------
15	58.90	57.55	23.5	30	NW 1	SE 3	E	SE	-------
16	58.33	57.73	24	28.5	WNW 1	E 1	SE	NE	9.7
17	58.13	57.83	25.8	29.8	W 1	ESE 2	SE	SE	1
18	58.84	58.66	28	30.6	SE 2	SE 2	E	SE	-------
19	59.65	58.79	24.9	30.3	NW 1	ESE 3	SE	E	-------
20	58.78	57.65	22	30.5	W 1	SE 2	E	E	1.3
21	58.51	58.16	27.8	30.4	SE 2	SE 2	E	SE	10.4
22	59.51	58.26	26.7	30	ENE 1	ESE 3	E	E	-------
23	60.66	59.38	24.9	30.6	NW 1	ESE 2	E	SE	14.5
24	59.68	57.65	24.9	31	NW 1	ESE 2	------	SE	8.4
25	58.71	56.75	25.4	30.4	NW 1	SE 2	E	E	-------
26	58.57	56.76	25.2	30.9	NW 1	ESE 2	SE	SE	25.9
27	58.57	56.76	25.2	30.9	NW 1	ESE 2	SE	SE	9.4
28	58.46	56.70	25.4	30.2	NW 1	ESE 3	NW	E	2.5
29	58.09	57.36	28	30	E 2	E 2	E	SE	3.8
30	56.85	56.46	26.2	29.2	ESE 2	ENE 3	N	E	2.3
31	56.77	56.29	24	30.2	NW 1	SSE 2	E	E	
Mean	58.45	57.55	25	30.2	1.1	2.2	------	------	------
Total	------	------	------	------	------	------	------	------	[2]151.7

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.83	57.35	23.9	30.1	NW 1	ESE 3	SE	NE	-------
2	58.38	57.42	24	31.6	NW 1	ESE 2	E	SE	-------
3	57.79	57.57	28	27.4	NE 1	ENE 1	E	E	15.7
4	58.15	57.90	27.4	31.2	ENE 1	ENE 2	E	E	1
5	58.07	57.28	24.9	31	NW 1	ENE 2	E	NE	3.6
6	58.11	57.31	27.7	30.1	ESE 2	SSE 1	E	E	1.8
7	58.38	57.52	24.5	31.3	NW 1	ESE 2	E	E	-------
8	58.92	58.11	25	30	W 1	SE 1	E	E	-------
9	59.13	57.11	24.2	30.5	NW 1	SSE 1	E	SE	-------
10	58.69	57.06	24.9	30.5	NW 1	SE 2	E	SE	-------
11	58.24	57.31	24.5	30	NW 1	SE 3	E	E	-------
12	58.18	57.70	24.7	30.2	NW 1	ESE 2	NE	E	16
13	59.65	58.67	24.5	28	W 2	E 1	E	NE	4.8
14	59.55	58.23	24.5	29.7	NW 1	SE 2	E	SE	5.6
15	59.16	58.82	25	26.2	NW 1	N 2	E	NE	2
16	59.23	58.72	24.5	26.7	NW 1	NNW 1	E	NE	10.2
17	59.44	58.43	23.6	30.3	W 1	SW 1	E	E	-------
18	59.10	58.34	24	28.5	W 1	WNW 1	W	-------	.3
19	58.44	57.08	25.4	30.3	W 1	W 1	W	-------	5.1
20	57.77	56.83	26	30.4	WNW 1	WNW 1	SW	SW	-------
21	56.83	55.99	26.5	30.1	W 1	SW 1	W	SW	.3
22	57.61	57.24	25.5	29.5	NW 1	ESE 1	-------	SE	.5
23	58.33	56.91	24.4	31	W 1	ESE 2	-------	NE	3.6
24	58.11	57.04	25.2	30.2	WNW 1	E 1	NW	NW	.3
25	58.34	57.54	24.6	30.8	NW 1	SE 2	NE	NE	20.3
26	58.74	57.06	24	31.1	W 1	W 1	-------	-------	38.6
27	58.03	57.20	24	31	W 1	SE 1	-------	SE	3.8
28	57.51	57.40	24.8	30.5	W 1	SE 2	E	E	10.2
29	59.66	58.11	25	29.6	ENE 3	SE 1	NE	SE	14
30	59.03	58.02	23.8	25.5	WNW 1	WNW 1	E	NW	3.6
Mean	58.48	57.58	25	29.8	1.1	1.5	-------	-------	-------
Total									161.3

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.35	55.89	23.7	30.5	WNW 1	SE 3	E	E	0.3
2	56.28	55.34	24	30.5	WNW 1	SE 2	-------	NE	14.2
3	56.32	56.06	24.4	29.8	NW 1	ESE 3	E	SE	14.2
4	57	57.11	27	28.2	ENE 1	SE 2	E	SE	47.2
5	58.02	56.25	24.7	30.8	W 1	ESE 2	SE	NE	45
6	57.83	56.97	24.4	25.7	WNW 1	ENE 2	-------	E	52.6
7	57.58	57	23.8	29	SSE 5	ESE 1	SE	SE	3.3
8	58.21	57.29	25.5	28.7	ENE 1	ESE 1	SE	SE	-------
9	58.45	56.43	23.9	30.5	NW 1	SW 1	SW	SW	-------
10	57.56	56.87	25	28.4	NW 1	SSE 1	-------	W	2.3
11	56.27	56.29	24.5	26.6	NW 1	W 1	NW	W	78.7
12	55.41	54.15	23.5	28.3	NW 1	SW 3	NW	W	14.5
13	57.35	56.80	24.5	29	N 1	SE 2	S	SE	6.9
14	58.45	57.71	25	29.2	N 1	SE 2	E	E	5.8
15	59.10	57.79	24	28.2	N 1	SSE 2	E	SE	6.6
16	59.15	57.69	24.5	29.2	WNW 1	S 1	E	N	32.3
17	57.98	57.04	23.6	29.5	NW 1	ESE 2	-------	E	.5
18	57.53	57.45	27.1	29.8	E 1	ESE 1	E	E	32.5
19	59.02	57.63	24.5	27	W 1	WNW 1	W	-------	21.3
20	59.08	57.55	24.3	28.6	WNW 2	WNW 1	NW	NW	-------
21	57.83	56.57	24.8	28.7	WNW 1	SSW 2	SE	NE	23.9
22	57.53	56.79	23.1	29.4	WbyN 1	SE 2	-------	NE	.5
23	57.94	56.43	24.9	30.6	WNW 1	SSE 2	E	NE	-------
24	56.57	55.25	23.7	30.5	WNW 1	SbyE 1	-------	NE	14.5
25	55.12	54.81	25.1	25.9	NW 1	W 1	W	W	15.7
26	55.26	54.44	26.3	29.6	SW 1	SW 3	SW	SW	2
27	55.48	53.72	26.8	30.5	SW 1	SW 3	SW	SW	-------
28	54.03	52.49	25.3	32.1	WNW 1	SW 3	SW	SW	-------
29	53.53	52.56	28	30.6	SW 3	SSW 4	SW	SW	-------
30	55.42	55.94	26.9	28	WNW 2	SW 2	W	W	-------
31	57.24	56.59	25.5	31.4	WNW 1	SSW 2	W	W	.3
Mean	57.09	56.16	24.9	29.2	1.3	1.9	-------	-------	-------
Total	------	------	------	------	------	------	------	------	435.1

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.12	56.43	26.5	31.9	WNW 1	SW 2	W	SW	-------
2	56.66	55.70	25.5	31.9	NW 1	S 2	W	W	-------
3	56.54	55.62	26.1	32	WNW 1	SW 2	W	SW	-------
4	57.03	55.96	24.8	30.8	W 1	SSE 2	W	W	-------
5	57.56	56.88	25.7	31.5	WNW 1	SSW 2	SW	SW	0.5
6	57.77	57.33	24	33.2	NW 1	SW 1	SW	SW	-------
7	58.07	56.78	24.5	31.6	W 1	S 2	-------	SW	-------
8	58.32	57.10	25	33.2	WNW 1	SW 2	SW	SW	-------
9	58.58	57.84	24.5	33	WNW 1	SSW 2	SW	SW	-------
10	58.82	57.69	24.5	32.1	WSW 1	SW 2	W	SW	-------
11	58.79	57.20	24.8	32	W 1	SSE 2	SW	NW	-------
12	58.18	56.22	24.5	31.5	WbyN 1	SbyE 2	SW	NW	-------
13	58.56	58.04	25	31.6	WbyN 1	ESE 2	-------	-------	-------
14	58.98	58.48	24.3	31.1	W 1	SE 2	-------	SE	-------
15	58.51	57.22	25	33.2	WbyS 1	SW 2	SW	W	-------
16	57.07	56.32	24.4	31.8	W 1	S 2	SW	W	-------
17	56.74	56.30	25.3	34	NW 1	SW 2	SW	NW	-------
18	57.48	58.34	25.3	30.9	W 1	SSE 1	W	NE	-------
19	59.01	58.74	25.5	30.2	WNW 1	SSE 1	SW	SW	-------
20	58.78	57.74	24.2	31	NW 1	SE 1	NE	-------	5.1
21	58.07	57.66	24.1	30.8	W 1	ESE 3	SE	SE	-------
22	58.90	57.92	23.5	31.3	NW 1	ESE 3	SE	NE	-------
23	58.58	57.58	24.1	32	NW 1	ESE 3	E	E	-------
24	58.67	57.10	24.5	31.3	W 1	ESE 4	E	N	6.1
25	58.09	56.84	24	30.8	WNW 1	SE 4	E	NE	3.8
26	58.07	56.81	24.4	30	WNW 1	SE 2	E	N	-------
27	58.15	57.86	24	29	NW 1	NNW 3	E	NW	-------
28	58.08	56.93	24.5	31	WNW 1	ESE 3	SE	NE	-------
29	57.63	56.62	24.7	30.2	W 1	SE 2	-------	NE	-------
30	58	57.52	24	25.1	W 1	NW 1	-------	E	1.8
31	57.89	56.79	23.8	30.9	W 1	SSE 2	W	NE	-------
Mean	58.02	57.15	24.7	31.3	1	2.1	-------	-------	-------
Total	-------	-------	-------	-------	-------	-------	-------	-------	17.3

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[1] Beginning with May 1 the height of the barometer above sea level is 8 meters.
[2] 30 days of observation.

VIRAC.

[φ=13° 35′ N; λ=124° 14′ E; barometer above sea, 8 meters; gravity correction not applied, —1.76 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.
1	57.72	57.13	23.6	30.1	WNW 1	WNW 1	SE	NE	6.4
2	58.04	56.81	24.9	30	NNW 1	SSE 3	NE	NE	7.4
3	57.86	56.84	22.5	29.9	WNW 1	ESE 2	E	NE	4.6
4	57.74	55.68	23.6	29.8	WNW 1	SSE 1	------	NE	3.8
5	56.40	55.46	25	28.9	SE 1	W 1	------	------	.8
6	56.79	54.95	24.4	31.7	NW 1	NW 3	NW	W	------
7	56.72	55.17	25	32.1	NW 1	SSW 2	SW	SW	------
8	55.56	54.73	26	32.9	WNW 1	SSW 2	W	SW	------
9	56.72	55.13	27	32.4	W 1	SW 3	W	W	------
10	56.83	55.78	26.5	33.5	WNW 1	SW 3	SW	W	------
11	57.11	55.90	25.5	31	W 1	SW 2	W	W	------
12	55.71	54.98	24.5	31.9	WNW 1	SW 2	W	SW	------
13	55.80	54.51	24.5	34.2	WbyN 1	SSW 2	SW	SW	------
14	54.63	53.56	26.4	33.5	WNW 1	SW 4	SW	SW	------
15	54.12	53.82	27	33.5	WbyN 1	SW 3	W	SW	11.4
16	55.33	54.88	24.8	26.2	NNW 5	WNW 5	N	W	5.6
17	54.82	53.81	26.2	29.9	WNW 2	W 4	W	W	1.3
18	54.61	53.93	26.5	30.8	SW 4	SW 3	SW	SW	------
19	55.61	55.31	25.6	29.1	WNW 1	WNW 3	SW	W	------
20	57.28	56.33	25.1	31.2	WNW 1	SSW 1	SW	SW	------
21	58.81	57.33	23	30.8	SE 2	SE 1	SE	------	------
22	58.80	57.98	26.1	30.2	NE 1	SSE 4	E	N	3
23	59.41	57.65	25.8	30.4	NE 1	SSE 2	NE	NE	17.5
24	58.34	57.02	23.8	29.3	WNW 1	SE 2	SE	NE	2
25	57.37	56.27	24.4	31.2	WSW 1	S 2	SW	SW	11.4
26	58.37	57.89	23.8	31.2	W 1	SSE 2	SW	SW	13.7
27	61.03	60.14	23.2	31	S 1	ESE 2	SW	N	1
28	60.60	58.94	23.1	29.5	NNW 1	SSW 1	------	SE	4.1
29	57.51	55.70	25.3	30	NW 1	NE 2	NE	N	5.1
30	57.29	55.74	24.2	31.6	NW 1	ENE 2	NE	NE	2.5
31	------	------	-----	-----	------	------	------	------	------
Mean	57.10	55.98	24.9	30.9	1.3	2.3	------	------	------
Total	------	------	-----	-----	------	------	------	------	101.6

OCTOBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.
1	57.47	56.23	24	27	WNW 1	SSW 1	SE	SW	10.7
2	57.19	55.40	23.6	30.7	WNW 1	SW 2	SW	SW	------
3	56.51	55.06	25.5	30.4	NW 1	SW 2	SW	SW	------
4	55.61	53.94	26	29.5	W 2	W 2	W	W	13.2
5	55.21	53.72	25.5	30.5	W 1	SW 3	W	SW	------
6	55.04	55.16	26	30	WNW 1	SW 2	W	W	------
7	57.46	56.67	26.1	27.7	W 2	WNW 2	SW	SW	1
8	58.38	57.60	24	30.5	W 1	SW 1	------	------	------
9	58.55	56.79	24.5	27.4	WNW 1	W 1	W	W	7.4
10	57.63	56.06	24.1	30.4	WNW 1	SSW 1	NE	SW	15.5
11	57.56	57.29	26.5	30.3	E 2	ESE 3	E	E	7.9
12	59.35	57.93	23.5	31.5	NW 1	ENE 3	E	E	------
13	59.44	57.59	23.8	30.4	WNW 1	WNW 1	E	NE	1.3
14	58.42	56.51	23.2	29.8	NNW 1	SSE 1	E	N	.8
15	56.64	54.78	23.6	29.5	NNW 1	S 2	SE	N	8.9
16	54.25	51.78	25	28.3	WSW 1	WNW 3	NW	W	10.2
17	50.43	49.75	28	29.5	SW 3	SSW 6	SW	SW	------
18	54.01	53.71	28.2	29.2	S 3	SSE 3	SW	SW	------
19	56.04	55.39	24.5	30.9	NNW 1	SE 1	S	SE	------
20	57.98	56.75	24	28.5	WNW 1	WNW 1	E	NE	3.8
21	59.45	57.83	23.3	31.2	NW 1	SSW 2	------	SW	------
22	58.87	56.74	24.6	30.9	WNW 1	SSE 2	NW	NW	3.3
23	53.95	41.64	25.5	25	WNW 1	WSW 8	N	W	85.8
24	56.53	56.75	27	29.2	ESE 3	SE 2	SE	NE	1.8
25	59.70	57.25	25.5	30.5	ENE 1	ENE 2	NE	ENE	.8
26	59.66	58.11	24	30.3	N 1	ENE 2	E	NE	3.8
27	58.98	57.15	27	30.2	NNE 3	NE 3	NE	NE	10.2
28	57.83	57.37	26.7	28.4	ENE 3	E 3	E	E	2.5
29	58.58	57.19	27	29.8	NE 2	E 2	E	E	52.1
30	58.76	57.56	26.1	30.1	ENE 1	ENE 2	E	E	5.6
31	58.93	58.23	26.7	29.9	NE 1	ENE 2	E	E	1.3?
Mean	57.24	55.61	25.3	29.6	1.5	2.3	------	------	------
Total	------	------	-----	-----	------	------	------	------	247.9

NOVEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.
1	59.30	57.90	-----	-----	------	------	------	------	------
2	59.20	57.60	-----	-----	------	------	------	------	------
3	58.40	56.40	-----	-----	------	------	------	------	------
4	57.90	56.20	-----	-----	------	------	------	------	26.7?
5	56.57	55.46	26.5	30	N 2	N 2	N	N	6.4
6	54.25	52.97	26.6?	26.9	NE 4	NE 4	NE	NE	80.5
7	56.66	55.36	26.4?	28.5	E 5	ENE 3	E	NE	1.8
8	57.23	55.64	26.5	29.7	NE 1	ESE 1	NE	NE	------
9	58.47	57.97	27.5	29	ESE 2	ESE 2	SE	E	48.8
10	60.68	58.49	23.5	29.8	NNW 1	SSE 1	NE	NE	6.6
11	60.06	58.98	24.4	30.1	NNW 1	ENE 2	NE	NE	17.5
12	60.55	58.86	25.4	29.9	ENE 2	ENE 2	NE	NE	3.3
13	59.42	58.59	23.4	25.5	NW 1	NW 1	E	NE	15.2
14	55.97	52.24	24.4	28	NW 2	NNE 3	NE	N	62
15	53.03	53.18	26.2	26.7	ESE 5	ESE 2	E	SE	12.4
16	56.11	55.05	26.5	28.7	SSE 2	SE 2	S	SE	3
17	56.74	55.46	25.7	29.8	SSE 1	E 2	SE	E	60.7
18	57.18	55.90	26	29.8	E 1	SSE 1	SE	S	1.5
19	57.12	55.66	24.2	30.9	W 1	SW 2	SW	SW	------
20	57.60	56.15	22.5	30.5	WSW 1	SSE 1	------	SE	------
21	58.78	58.09	24	29.7	W 1	SE 1	E	NE	------
22	59.32	58.08	23.6	29.7	WNW 1	SE 2	NE	E	.3
23	59.20	57.63	23.4	30.7	NNW 1	E 2	------	SE	6.1
24	59.15	57.59	23	30.1	WNW 1	E 3	E	N	.8
25	58.93	58.21	23	30.6	NW 1	ENE 3	NE	NE	.3
26	58.69	57.74	26.5	29.5	NE 2	ENE 3	NE	NE	22.6
27	58.68	58.28	26	24	WNW 1	ENE 2	NE	NE	31.2
28	59.60	58.92	25.5	24.1	NNE 1	WSW 1	NE	NE	44.7
29	59.76	59.09	23.5	29.8	W 1	ENE 2	SE	NE	18
30	60	59.52	25.5	27.4	E 2	N 2	E	NE	14.5
31	------	------	-----	-----	------	------	------	------	------
Mean	58.15	56.91	25	28.8	1.7	2	------	------	------
Total	------	------	-----	-----	------	------	------	------	484.9?

DECEMBER.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.
1	59.27	59.68	25	24.3	NE 1	ENE 2	NE	------	83.6
2	59.58	57.45	25.1	30.1	NNW 1	NE 2	NE	NE	5.6
3	57.61	56.33	25.5	25.2	NNE 1	NNE 2	NE	NE	30
4	56.17	55.15	24.1	27.5	N 1	ENE 2	N	NE	1.5
5	56.48	56.48	24.6	28	ENE 1	NNE 2	N	N	------
6	57.65	56.41	24.5	28.9	NNW 2	E 1	NE	N	1.3
7	57.68	56.48	24.5	27	NNE 1	W 2	NE	N	------
8	57.70	54.90	23.5	24.4	SE 1	WNW 1	N	N	1.8
9	57.55	56.30	21.7	29	NW 1	SW 1	NE	NE	13.7
10	57.50	56.63	24	27.2	NNW 1	E 2	NE	NE	46.2
11	58.59	56.72	23.5	27.1	ENE 1	ESE 2	------	NE	23.1
12	58.49	57.01	23	28.1	NW 1	E 2	------	NE	------
13	59.25	57.69	21.2	29.2	NNW 1	ESE 2	------	NE	------
14	59.20	58	22.5	28.7	NNW 1	ENE 3	NE	E	5.8
15	59.84	59.25	22.7	24.7	NW 1	ENE 1	NE	------	21.8
16	60.23	58.92	21.9	27.9	WSW 1	WSW 1	------	NE	4.8
17	59.66	58.87	22.5	25	NW 1	E 2	E	------	39.9
18	58.78	58.42	24.5	25.3	WNW 2	NNE 3	NE	NE	2
19	58.96	57.03	24	25.5	NW 3	NW 4	N	NW	22.9
20	56.58	55.50	25	23.5	NE 2	SSW 1	NE	------	144.8
21	56.30	55.59	24.8	27.3	S 1	E 2	N	NE	33
22	56.63	56.06	24	28	WNW 1	WSW 1	NE	S	18.8
23	58.14	57.81	23.6	26.4	SW 1	SSE 1	SE	------	47.8
24	58.83	59.32	24	24.4	SSE 1	NW 1	NE	NW	33.8
25	60.48	60.25	23	25.5	NW 1	ESE 1	NE	NE	19.6
26	61.16	61.93	24	24.2	NNW 2	NNE 2	N	NE	10.9
27	62.92	62.09?	24.6	27.5	N 3	NNE 2	N	NE	39.6
28	62.66	61.99	25	27.1	NNE 3	NE 3	NE	NE	21.3
29	62.12	60.75	24.4	28.5	WNW 1	NE 2	NE	NE	8.4
30	60.74	59.14	25.9	28	ENE 2	ENE 2	E	E	24.6
31	59.28	58.14	25.9	29.5	ENE 1	ENE 2	E	E	3
Mean	58.90	57.94	24	26.9	1.4	1.8	------	------	------
Total	------	------	-----	-----	------	------	------	------	709.6

NUEVA CACERES.

[ϕ=13° 37′ N; λ=123° 11′ E; barometer above sea, 8 meters; gravity correction not applied, —1.76 mm.]

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1									
2									
3									
4									
5									
6									
7									
8									
9									
10	59.41	58.32	18.4	29.9	Calm	N 3		N	
11	59.23	57.78	19.3	30.1	Calm	N 3		E	
12	58.68	57.13	19.6	29.8	N 1	N 2	NE	E	1
13	59.49	58.08	19.2	30.5	Calm	NNE 2	E	E	
14	60.52	59.62	22	30.6	Calm	N 4		N	13.5
15	60.47	59.52	22.2	29.1	NNW 1	NNW 1	E	N	.8
16	60.21	59.32	21.5	27.2	Calm	NNW 2	E		
17	59.84	58.25	21	29.8	N 1	NNW 3	S	N	
18	59.76	58.15	20.1	31	Calm	N 3	NE	E	
19	60.15	59.58	19.2	26.8	Calm	E 1		E	11.4
20	59.97	58.49	22.4	29	N 1	N 3		NE	5.8
21	58	57.86	25.4	26	N 2	N 4			23.4
22	57.86	56.40	23.9	27.3	N 1	N 4	N	N	2.8
23	56.76	56.45	24.4	27.4	Calm	E 3	NE	E	.8
24	58.11	57.46	24.9	32	SE 2	E 3	E	E	
25	60.35	59.70	21.7	29.4	Calm	NW 1			2.5
26	61.97	60.42	21.8	27	Calm	NNW 1		N	2.8
27	62.11	60.65	21.4	29.4	Calm	NNW 1		E	
28	62.29	60.41	21.3	29.6	Calm	NW 2		SE	
29	61.70	60.54	20.6	28.1	Calm	N 2		E	3.8
30	61.59	59.41	20.7	32.4	Calm	NE 1		N	
31	61.10	59.09	20	32.8	Calm	ENE 2		E	
Mean	59.98	58.76	21.4	29.3	0.4	2.3			
Total									

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	60.85	59.24	19.8	30.4	Calm	W 2	E	NE	
2	60.59	59.37	21.5	31.5	Calm	N 2		E	
3	60.92	59.84	21	30.8	Calm	NNW 3		E	
4	61.55	59.73	20.9	30.3	Calm	NNW 3		E	
5	60.60	59.58	21	30.3	Calm	WNW 3		N	
6	60.05	57.88	20.9	32.3	Calm	W 2			
7	58.80	56.88	21.5	33.2	Calm	WSW 3		NE	
8	59.21	57.83	21.8	29.8	Calm	NW 1		N	3.3
9	60.18	58.23	22.4	32.6	Calm	W 3		E	
10	60.26	58.24	22	32	Calm	W 1		NE	
11	60.41	58.86	19.8	31.8	Calm	N 2		E	
12	60.97	59.42	19.7	32.6	Calm	W 2		W	
13	60.80	59.17	20	28	Calm	NNW 2		NE	
14	59.85	58.26	21.6	29.9	Calm	N 3		NE	6.9
15	59.86	57.68	22	32	Calm	N 2	E	E	5.6
16	58.66	57.83	22.7	32.4	Calm	ENE 2	E		
17	59.70	57.63	19.8	31.2	Calm	W 2		W	
18	59.92	58.18	20.2	32	Calm	NNW 2		NE	
19	60	57.27	20.8	32.6	Calm	N 2		E	
20	59.10	57.37	20.4	81	Calm	NNW 2		E	
21	59.38	57.81	19	32.8	W 1	W 2		NE	
22	59.29	57.36	20.8	33	Calm	W 2		NE	
23	59.43	57.78	21.4	33.2	Calm	W 1		N	
24	59.24	57.32	21	33.2	Calm	NNW 1		E	
25	59.39	57.68	19	31.5	Calm	NNW 2		E	
26	59.49	57.55	19	32.8	Calm	NW 1		NE	
27	59.34	57.32	21.4	32	Calm	WNW 1			
28	58.88	57.14	21.9	31.8	Calm	NW 1		S	
29	58.56	57.14	22.1	26.6	Calm	SSW 2		S	17.3
30	58.78	57.44	21.4	31.4	Calm	NNW 3		NE	
31									
Mean	59.80	58.10	20.9	31.5	0	2			
Total									33.1

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	58.16	57.24	22.5	27.8	Calm	NW 2		E	21.1
2	58.84	57.23	21.4	32.4	Calm	NNW 3		NE	
3	59.32	57.89	22	30.2	Calm	NNW 2		NE	
4	58.72	57.41	22.7	32.4	Calm	N 3		SW	
5	58.22	57.20	23.2	31	Calm	NNW 1		NE	22.9
6	58.01	56.58	23.2	31.4	Calm	NNW 2		E	
7	57.66	57.25	23.7	26?	Calm	Calm			
8	57.23	56.65	23.4	26.2	Calm	SSW 1		N	12.7
9	57.47	57.62	23.3	25.4	Calm	NW 1			3.6
10	58.87	57.83	24.2	33	Calm	N 1		S	
11	59.96	58.34	23.6	28	Calm	N 1		E	7.4
12	59.45	58.15	23.5	29.4	Calm	ENE 1			8.5
13	58.67	57.67	23.1	31.2	Calm	N 2			
14	58.65	57.13	22.5	34.2	NE 1	W 2		NE	
15	59.03	56.50	23	33.8	Calm	NE 1		NE	
16	58.78	57.18	23	33.2	Calm	NNW 2		NE	
17	58.58	57.57	24.6	27.8	Calm	WSW 2		S	3.3
18	59.32	58.02	23.7	33.8	Calm	WNW 1		N	8.4
19	59.86	57.96	23.4	34	Calm	W 1		NE	14.7
20	59.33	57.42	20.6	32.4	Calm	N 2		E	
21	58.88	57.72	22.4	30.5	Calm	SW 2		S	
22	59.57	57.88	23.2	32.5	Calm	WSW 1		SE	
23	60.82	58.55	23.6	33.6	Calm	NE 2		SE	
24	60.20	57.31	22.4	32	Calm	W 2		E	
25	58.98	55.87	23.6	35	Calm	SW 2		S	
26	58.67	56.68	24	31	E 1	SW 3		S	
27	58.83	56.67	24.4	32.4	SW 1	SW 2		S	
28	58.87	56.28	24.5	31	W 1	S 2			
29	58.37	57.26	24	32.2	Calm	W 2			
30	56.36?	55.95	25.2	33.2	N 1	SE 4		NE	
31	57.69	56.42	23.6	29.5	Calm	SW 1		S	30.5
Mean	58.75	57.27	23.3	31.2	0.2	1.7			
Total									133.1

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	58.43	57.11	21.4	33.2	Calm	NW 3		N	
2	58.87	56.92	22.5	33.3	Calm	NNW 3		E	
3	58.08	57.43	23.8	29.6	Calm	SW 1		S	1.5
4	58.66	57.09	24	32.6	Calm	SSE 4		S	
5	58.74	57.12	21.8	29.8	Calm	N 3		NE	3.3
6	58.15	57.07	24.8	32.4	Calm	S 3		S	
7	59.02	57.44	23	33.9	Calm	N 3		NE	
8	59.12	58.29	23.8	30	Calm	SSW 1			
9	59.40	56.84	23.4	34.6	Calm	SW 2			
10	58.97	56.73	24.8	31.6	Calm	W 1		W	19.3
11	58.49	57.31	23.2	27	Calm	NNW 1		N	19.6
12	58.72	58.04	23.6	32	Calm	NNW 1		NE	.8
13	60.25		23.8		Calm				24.6
14	59.92	58.10	23.8	33.4	Calm	SW 1		SE	
15	59.85	59.13	24.4	29.8	Calm	SSW 1		NE	
16	59.74	60.45	24.4	24.2	Calm	Calm			64.8
17	59.95	59.15	24.5	29	Calm	SW 2		SW	
18	59.14	58.76	24.5	31.5	SW 1	SW 3		SW	14
19	59.64	57.24	24.6	30.4	SSW 2	SW 3	W	SW	13.5
20	58.29	56.67	23.4	29.9	SSW 1	SSW 2	SW	SW	1.5
21	56.97	56.23	25.2	29.5	SSW 1	SSW 3	SW	SW	4.8
22	57.51	56.78	23.4	29	SSE 1	SSE 5	S	S	2
23	58.52	57.34	23.8	32.3	Calm	SSW 2		S	
24	58.80	57.65	23	27.8	Calm	NE 1	NE	E	1.8
25	58.58	56.78	24.4	31.6	Calm	NW 2	NE		13.2
26	58.73	56.50	24.4	31.8	Calm	SW 2			
27	58[illegible]	56.74	24	31.5	Calm	SSW 2			
28	57.86	57.45	24.2	27.2	Calm	SSW 2		SE	
29	59.57	57.88	22.7	32	Calm	SSE 1		SE	
30	59.49	58.04	22.4	29.2	Calm	NNE 2			
31									
Mean	58.85	57.53	23.7	30.7	0.2	2			
Total									184.7

This station was temporarily closed from January 1 to March 9.

NUEVA CACERES.

[φ=13° 37′ N; λ=123° 11′ E; barometer above sea, 8 meters; gravity correction not applied, —1.76 mm.]

Day.	JULY.									AUGUST.								
	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	57.78	56.35	22.8	28.5	Calm	NNE 1	------	E	------	57.85	56.97	25.6	32	Calm	SSW 3	S	SW	------
2	56.38	55.17	22.2	33.3	Calm	SSW 1	------	E	3	56.97	56.36	25.8	31.8	Calm	SSW 3	------	SW	4.1
3	56.93	56.01	23.4	28.6	Calm	WSW 1	------	E	10.7	56.97	56.74?	25	29.5	SSW 1	SSW 3	SW	SW	2.5
4	57.22	56.78	23.2	27.7	Calm	W 2	------	NW	45.7	57.55	56.64	24.4	31.5	Calm	SSW 3	SW	SW	8.1
5	58.24	56.68	23.2	32.2	Calm	NNW 2	------	------	11.7	57.80	57.33	24.9	31.4	SSW 1	SW 3	------	SW	------
6	57.94	57	23.4	28	Calm	SSW 1	------	S	------	58.29	57.98	24.4	32	Calm	SSW 3	SW	SW	------
7	57.68	56.93	23.6	29.6	Calm	S 2	------	S	11.9	58.48	57.35	25	32.4	S 1	SSW 2	SW	SW	------
8	58.28	57.80	23.5	26	S 1	Calm	S	------	11.4	58.80	57.79	25.4	31.3	S 1	SW 2	SW	SW	------
9	58.88	57.09	24	29.8	SW 1	SW 2	SW	SW	11.9	58.80	58.66	25.2	32.5	Calm	SSW 2	SW	SW	------
10	57.84	56.96	23.6	29	SW 1	SW 1	------	------	------	59.49	58.38	25	32.5	Calm	SSW 2	------	SW	------
11	56.89	56.55	23.8	27.1	Calm	SSW 1	------	------	11.2	59.31	57.82	25.4	33	Calm	SSW 2	------	SW	------
12	56.53	55.04	23.9	28.5	SW 1	WSW 2	------	W	31.1	58.45	57.07	25.4	33.2	Calm	SW 2	SW	SW	------
13	56.99	57.25	24.4	26.4	SSW 1	SSW 1	SW	SW	23.1	58.69	57.84	23.5	35	Calm	SW 2	------	------	------
14	58.69	57.92	24	28	Calm	SSE 1	------	S	6.4	59.29	58.50	24.6	30.3	Calm	SW 2	------	------	.3
15	59.09	57.93	23.4	32	Calm	WSW 2	------	W	------	59.04	57.81	23.8	34	Calm	SW 2	------	SW	------
16	59.56	58.04	23.2	32.1	Calm	N 4	------	N	-24.4	57.81	------	24	------	Calm	------	SW	------	------
17	57.74	56.77	23.4	26	Calm	ENE 1	------	E	13.2	57.46	56.83	24.2	34.4	Calm	SW 2	------	SW	------
18	57.47	------	23	------	Calm	------	------	------	6.6	58 02	58.29	24	31.2	Calm	S 2	------	------	17.9
19	59.67	57.78	24.4	30.4	Calm	S 1	------	------	3	59.26	59.05	23.8	27.3	Calm	Calm	------	------	3.3
20	59.41	58.42	24.2	27.8	Calm	SW 2	------	W	25.4	59.18	56.99	22.8	32	Calm	SSW 1	------	E	------
21	58.21	57.12	23.8	25.6	Calm	Calm	------	------	15.6	58.18	57.13	23.8	29.2	Calm	NNW 1	------	------	7.4
22	57.83	56.57	23	32	Calm	SSW 2	------	SW	.5	59.08	57.87	22.8	28.8	Calm	SSW 1	------	------	------
23	58.36	56.18	24.2	32.5	Calm	SW 3	S	------	6.6	58.94	57.46	22.5	33	Calm	NNW 2	------	N	------
24	57.07	55.50	23.8	29	Calm	Calm	------	------	16.8	59.07	57.53	23.4	32.8	Calm	NNW 2	------	N	5.6
25	55.31	55.20	24.2	26.4	SW 2	Calm	SW	SW	11.7	58.63	56.99	23.2	31.6	Calm	NNW 2	------	NE	------
26	55.13	54.41	25	28.9	SW 1	SSW 3	SW	SW	2.8	57.84	56.72	23	32.6	NE 1	NNW 2	------	NE	------
27	54.90	54.45	26.9	31	SW 3	SSW 5	SW	SW	9.9	58.47	57.32	22.8	30.6	Calm	NNE 2	------	------	18.5
28	53.67	52.51	26.4	30.4	SSW 4	SSW 5	SW	SW	1.3	58.47	57.64	23	28	Calm	SW 1	------	------	2.3
29	52.21	52.20	27.2	29.8	S 5	SSW 5	S	SW	2.5	58.08	57.22	23	25.8	Calm	SW 1	------	------	21.6
30	56.13	56.38	25	28.4	SSW 1	SSW 2	SW	SW	2.5	57.93	57.21	22.8	27.8	Calm	Calm	------	------	.5
31	58.35	56.15	25.6	31	Calm	SW 2	SW	SW	1.3	58.22	57.29	22.5	27.8	Calm	NE 1	------	------	.8
Mean	57.30	56.30	24.1	29.2	0.7	1.8	------	------	------	58.40	57.49	24	31.2	0.2	1.8	------	------	------
Total	------	------	------	------	------	------	------	------	322.2	------	------	------	------	------	------	------	------	92.9

Day.	SEPTEMBER.									OCTOBER.								
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	58.22	57.31	22.4	32.4	Calm	N 2	------	NE	0.6	57.69	56.37	23.2	30.8	Calm	N 2	------	N	------
2	58.18	57.29	23.4	28.5	Calm	NNW 2	------	------	1.3	57.58	55.55	23.2	30.6	N 1	SSW 2	------	SW	------
3	58.23	56.97	23.2	26.8	Calm	N 2	------	------	9.3	56.63	54.82	25.2	30.4	SE 1	SW 3	SW	SW	9.7
4	58.23	55.92	24	31.8	Calm	NNW 1	------	N	1.3	55.51	54.25	25.2	28.4	SW 1	WSW 2	SW	SW	1.5
5	57.02	55.45	24.6	27.4	Calm	Calm	------	------	34.2	55.65	53.87	25	30.8	Calm	SSW 3	------	SW	------
6	56.96	55.29	23.5	30	Calm	SW 3	------	------	90.7	55.16	55.17	25	31	Calm	S 3	------	SW	2.5
7	56.17	55.27	23.8	30.5	SE 1	SSW 3	------	SW	3.6	57.60	56.89	25.2	29.8	SE 2	SE 2	S	S	------
8	55.76	55.22	25.5	30.4	SSW 1	SSW 3	------	S	------	58.75	57.83	25	30.4	Calm	SSW 1	------	SW	41.4
9	56.10	55.50	25	30.8	Calm	SSW 3	------	SW	------	58.87	57.88	24.4	26.5	Calm	NW I	------	------	27.9
10	57.33	56.54	25.9	31	SSE 1	SSW 2	------	SW	------	58.21	56.17	23.8	31.4	Calm	N 3	------	N	1.3
11	57.77	56.87	25.6	24.6	Calm	WSW 4	------	SW	18	57.57	56.68	24.1	31.4	N 1	SE 2	------	E	------
12	56.26	55.17	25	31	Calm	SW 3	------	SW	------	59.12	58.01	23.4	31.7	Calm	WNW 1	------	------	------
13	56.40	55.25	24.8	31.5	SW 1	SW 3	------	SW	4.3	59.72	57.77	22.8	31.5	Calm	NE 2	------	N	------
14	55.41	54.20	26.4	31	Calm	SW 3	SW	SW	------	58.67	56.96	24.2	31.5	Calm	N 2	------	N	------
15	54.35	54.01	27.2	31.5	S 3	SW 4	SW	SW	.5	57.02	55.62	25	30	Calm	N 2	------	N	12.7
16	55.82	56.08	26	27.4	Calm	WNW 3	------	NW	15.7	55.06	52.93	24.6	30	NNW 1	NW 1	N	N	2.5
17	55.81	54.53	24.8	29	W 1	W 2	NW	W	1.8	50.35	------	27.4	28.8	SW 3	SSW 4	SW	SW	12.7
18	55.47	54.29	25.8	28.5	WSW 1	SSW 4	SW	SW	.3	52.67	53.23	27.5	30.5	S 4	S 3	S	S	------
19	55.47	55.71	26.2	27	S 2	SSW 1	SW	SW	5.7	55.89	55.19	24.4	32.2	SE 1	SW 2	------	SW	------
20	57.71	56.55	25.6	29.4	SSW 2	SSW 2	SW	------	------	58.27	56.66	23.4	31	Calm	NE 1	------	------	------
21	58.06	57.23	24.8	31.6	SE 1	SW 3	------	SW	------	59.69	57.86	23.6	31.4	Calm	N 1	------	N	------
22	59.84	58.31	23.8	33	SW 1	SW 1	------	SW	------	59.62	57.08	23	30.5	Calm	N 3	------	N	22.9
23	60.10	58.31	23.2	28.8	Calm	N 1	------	N	.8	55.72	50.03	25	24.8	N 2	WNW 4	N	NW	153.7
24	58.65	56.95	24.6	27.5	Calm	N 1	------	------	------	55.96	56.15	24.5	29.4	SE 2	SE 1	S	S	24.6
25	57.92	56.61	23.7	30.5	Calm	WSW 2	------	S	1	59.12	58.03	24.2	31	SE 1	N 1	------	NE	------
26	58.59	58.29	24.6	31	WSW 2	SW 2	N	SW	.3	60.02	58	22.4	31.8	Calm	NNW 1	------	------	13.5
27	61.46	60.40	23.9	27.4	SE 2	WNW 3	SW	N	.5	59.21	57.33	23.8	30.9	N 1	S 1	------	------	13.7
28	61.11	58.91	22.4	29.8	Calm	NW 1	------	------	12.7	57.78	57.07	24.2	30	N 1	ESE 3	------	------	------
29	58.21	56.29	24.2	30.4	Calm	N 2	N	N	6.9	58.36	56.69	24.5	31	E 1	N 1	------	------	12.7
30	57.49	56.20	24.2	29.5	Calm	N 2	NE	N	10.4	58.88	56.94	23.6	30.5	Calm	SE 2	N	------	------
31	------	------	------	------	------	------	------	------	------	59.25	58.17	22.2	30	Calm	N 2	------	E	------
Mean	57.47	56.36	24.6	29.7	0.6	2.3	------	------	------	57.41	56.17	24.3	30.3	0.7	2	------	------	------
Total	------	------	------	------	------	------	------	------	219.9	------	------	------	------	------	------	------	------	353.3

NUEVA CACERES.

[ϕ=13° 37′ N ; λ=123° 11′ E ; barometer above sea, 8 meters ; gravity correction not applied, —1.76 mm.]

Day.	NOVEMBER.									DECEMBER.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	59.70	58.15	22.8	27.6	Calm	N 1	------	------	37.6	60.38	59.13	23.6	24	NNE 2	NNE 2	NE	------	13.3
2	59.62	58.19	21.4	28.2	Calm	N 1	------	------	19.2	60.46	57.59	23.4	29.2	Calm	N 3	NE	NE	11.4
3	58.88	57.11	23.8	28.4	Calm	N 1	------	NE	3.6	58.01	57.21	24	24.6	N 1	SE 3	NE	------	100.1
4	58.38	56.34	23	30.7	Calm	N 3	------	N	6.9	56.78	55.17	23.6	27.2	N 3	NNE 2	------	N	6.1
5	57.13	56.35	24.8	29	N 2	NNE 3	N	N	19.6	57.22	56.91	23.2	28.2	N 2	NNE 4	N	N	------
6	55.22	52.70	25.6	25.6	N 2	NNE 3	NE	NE	47.2	58.28	56.76	22	26.8	NNE 1	N 2	------	N	10
7	54.62	54.63	24.6	29.4	ESE 3	SE 2	SE	SE	.5	58.30	56.96	23	27.6	N 1	N 3	N	N	.8
8	57.19	55.50	23.6	33	Calm	SSW 3	------	S	1.3	57.74	55.38	22.8	26.6	Calm	N 3	------	------	------
9	58.79	57.92	24	28.5	Calm	SW 3	------	SE	1.3	57.86	56.65	23.2	27	Calm	N 2	------	N	6.9
10	60.44	58.61	23.6	31	SW 1	SW 1	E	------	------	57.68	56.59	23.1	27	Calm	N 1	------	N	1.8
11	60.10	58.86	23	30.8	Calm	N 2	------	------	------	57.78	56.69	22.8	28	Calm	Calm	------	------	12.2
12	60.52	59.07	23	27.8	Calm	N 3	------	NE	9.9	58.45	56.53	22.2	30.6	Calm	ENE 1	------	E	16.5
13	60.04	58.47	24	29	Calm	N 3	------	------	8.4	59.24	57.52	22.5	30.6	Calm	NNW 2	------	------	------
14	57.26	53.51	25.4	24.4	N 3	N 5	N	------	80.5	59.20	57.87	21.6	29.4	Calm	Calm	------	NE	.4
15	50.45	52.66	25.8	26.2	E 3	SE 3	E	S	6.6	60.16	59.27	21	28.4	Calm	N 2	------	N	------
16	55.37	54.11	23.6	31	SE 2	S 3	------	S	------	60.70	58.94	21.4	30.4	Calm	N 3	------	N	------
17	56.32	54.94	24	31	SE 1	SSE 2	S	------	31.7	60.15	58.71	21.8	25.8	Calm	NNE 1	------	------	24.9
18	57.16	55.77	23.6	30.8	SSE 1	SSE 2	SW	SW	2.3	59.60	58.87	23.2	23.7	N 2	NNE 3	------	NE	4.6
19	57.44	55.98	23	29.4	Calm	SW 2	------	------	------	60.02	58.27	23.5	26.3	N 4	N 4	NE	N	29.9
20	57.77	56.11	22.8	32	Calm	SW 2	------	------	------	57.87	55.47	23.5	24	NNW 3	NNE 3	------	N	40.6
21	58.88	57.61	23	33.2	Calm	SW 2	------	------	------	57.18	56.03	24	26	N 2	N 3	N	N	10.4
22	59.56	57.78	22.5	33	Calm	SW 1	------	------	------	57.19	56.49	24.2	24	N 2	N 4	------	N	130.3
23	59.54	57.83	22	28.5	Calm	NNE 2	N	------	------	58.68	57.64	24.4	27.8	N 2	N 1	------	------	72.4
24	59.57	57.89	22.2	29.8	Calm	N 2	------	------	------	59.81	59.20	23.8	23.4	N 1	N 3	------	N	152.4
25	59.33	57.96	21	31.4	Calm	NNE 3	------	NE	3.3	60.76	60.70	23.4	24.6	N 2	N 3	N	------	65
26	59.02	58.20	23.6	28	Calm	NNE 2	------	NE	1.3	61.65	61.77	22.8	24.4	N 4	NE 4	N	NE	.5
27	59.41	58.29	24.2	24.9	N 2	Calm	NE	------	15.7	63.30	62.68	22.4	25.4	NNE 2	N 4	NE	NE	60.5
28	59.83	58.41	22.6	26	Calm	NW 1	------	------	1.3	63.75	61.79	22.6	28	N 2	N 3	NE	NE	13.7
29	59.95	59.35	23.5	28.8	Calm	N 2	------	------	1	62.15	60.90	23	28.4	N 1	N 3	NE	N	1.8
30	60.41	60.08	24.4	25.2	N 2	NNE 2	------	NE	23.4	61.03	59.10	22.4	27.5	Calm	N 1	------	E	------
31	------	------	------	------	------	------	------	------	------	59.82	58 37	23.4	25.5	Calm	Calm	E	E	10.7
Mean	58.26	56.95	23.5	29.1	0.7	2.2	------	------	------	59.39	58.10	23	26.8	1.2	2.4	------	------	------
Total	------	------	------	------	------	------	------	------	322.6	------	------	------	------	------	------	------	------	797.2

BATANGAS.

[ϕ=13° 45′ N; λ=121° 03′ E; barometer above sea, 4 meters; gravity correction not applied, —1.75 mm.]

Day.	JANUARY.									FEBRUARY.								
	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	59.36	57.79	23.3	25.9	ENE 2	ESE 4	NE	NE	0.3	59.51	58.29	19.4	29	Calm	SE 4	E	E	-------
2	59.45	57.37	22.8	27.4	Calm	NE 1	E	NE	1.3	59.72	58.95	20.4	28.9	Calm	SSE 4	E	E	-------
3	58.40	57.25	23.2	31	E 2	ESE 3	E	E	-------	58.90	58.30	21.5	30.7	E 2	SSE 3	E	E	-------
4	58.44	56.88	22.8	32.4	Calm	SE 3	E	E	-------	59.71	59	22.4	32	ESE 1	ESE 3	E	E	-------
5	58.10	56.45	22.8	30.7	Calm	ESE 3	E	EbyS	-------	61.54	60.78	23.4	30.5	SE 1	S 3	ENE	ENE	-------
6	58.41	57.55	20.8	31.8	ENE 1	E 3	E	E	-------	61.87	61.17	21.8	25.3	SE 1	E 2	E	E	4.1
7	58.53	57.28	23	31.8	E 1	E 3	E	E	-------	63.14	60.96	21.3	29.3	NE 1	SE 5	E	ENE	-------
8	59.56	58.15	21.4	31	NE 1	SE 3	E	ENE	-------	63.14	60.90	20.3	30	Calm	SE 5	E	E	-------
9	60.60	59.39	22.3	30	ENE 2	NE 3	EbyN	ENE	-------	62.79	60.46	20	31	ENE 1	SE 2	E	ENE	-------
10	61.07	59	19.6	30.8	ENE 1	E 4	E	E	-------	62.74	60.58	20.5	31.3	Calm	SE 3	E	E	-------
11	60.21	59.35	21.8	31.3	NE 1	SE 3	E	E	-------	62.68	60.54	20.4	31	NE 1	SSE 3	E	E	-------
12	59.76	57.47	22.8	31.8	Calm	WSW 2	E	ENE	.5	61.67	60.89	21.3	30.3	Calm	ENE 3	E	NE	.5
13	58.86	57.45	22.4	30	E 2	S 2	NE	E	-------	62.28	60.47	22.4	27	ESE 1	SE 5	NE	NE	-------
14	59.94	59.46	21.4	27.3	SSE 1	ENE 4	NE	ENE	1.8	61.62	60.07	22.3	27.6	Calm	ESE 3	NE	ENE	-------
15	61.52	60.78	22	26	E 1	E 2	E	NE	2	59.96	58.76	22.9	31.3	ESE 2	SSE 3	E	E	-------
16	61.74	60.09	21.3	27.3	E 1	SSE 4	EbyN	NE	-------	60.43	58.92	22.3	31.8	Calm	NE 2	E	ENE	-------
17	60.72	58.87	19.4	27.8	Calm	SE 4	ENE	E	-------	60.40	58.90	21.8	30.8	NE 1	SSE 3	E	ENE	-------
18	59.91	58.55	20.8	29.8	Calm	ESE 2	E	E	2.8	59.94	58.50	23.3	32.3	ESE 1	SSE 2	ENE	E	-------
19	59.98	59.43	23.8	31.7	Calm	S 2	E	E	.3	59.15	57.81	23.4	33.9	EbyN 2	S 3	E	E	-------
20	61.04	60.13	22.2	31.2	E 1	SSE 2	E	EbyS	-------	59.71	58.04	23.3	33.8	SE 1	S 2	ESE	E	-------
21	60.63	59.19	23	31.4	ENE 1	SSE 2	E	E	-------	59.80	57.57	22.8	33.4	Calm	SE 3	EbyN	E	-------
22	61.19	59.78	21.8	31.6	E 1	SE 4	E	E	-------	59.44	58.17	24	32.1	SE 1	SE 3	E	E	-------
23	60.56	59.68	22.3	26.8	ENE 1	SE 3	ENE	E	1.3	59.63	58.26	23	33	ENE 1	E 2	E	E	-------
24	60.59	58.72	21	30.4	Calm	SE 4	E	EbyS	-------	59.13	57.88	23.8	31.8	E 2	S 4	EbyS	E	-------
25	59.86	58.14	21	31.8	SE 1	SSE 3	E	E	-------	59.73	58.18	22	33.6	E 2	SSE 4	E	E	-------
26	60.14	58.65	20.8	31.6	Calm	S 2	E	E	-------	60.06	58.26	21.5	33.5	E 1	SE 2	E	E	-------
27	59.84	57.99	21.3	32.2	ENE 1	S 3	E	E	-------	60.21	58.85	21.3	33.3	ENE 1	SE 4	E	ENE	-------
28	59.25	57.20	20.3	30.8	SE 1	SW 2	-------	E	-------	59.71	58.29	21.5	33.8	Calm	SE 3	E	E	1.3
29	58.49	57.26	21.3	28.9	N 1	SW 2	E	E	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
30	58.98	58.16	20	29.3	ENE 1	ESE 4	NE	E	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
31	59.01	58.34	21.4	30.2	SE 1	SE 4	E	E	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Mean	59.81	58.45	21.7	30.1	0.8	2.9	-------	-------	-------	60.70	59.21	21.9	31.2	0.9	3.1	-------	-------	-------
Total	-------	-------	-------	-------	-------	-------	-------	-------	10.3	-------	-------	-------	-------	-------	-------	-------	-------	5.9

Day.	MARCH.									APRIL.								
	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	59.48	58.62	23.8	34	NE 1	SE 2	E	E	-------	60.24	58.76	23.4	34.8	SE 1	SE 3	E	E	-------
2	60.04	58.68	22.8	31.8	E 3	SE 2	E	E	0.3	60.09	58.91	24.4	34.7	ENE 1	SSE 3	E	E	-------
3	59.95	58.41	22.8	33.5	E 1	E 4	E	E	-------	60.65	58.14	23.6	33.4	ENE 1	S 3	E	NE	-------
4	59.96	58.04	21.3	33.4	E 1	SE 3	E	E	-------	60.70	58.83	24	35.2	E 1	SE 4	ENE	E	-------
5	60.49	58.87	21.8	32.4	NE 1	SE 5	E	E	-------	60.03	58.80	22.3	35.2	Calm	S 4	E	E	-------
6	60.94	59.47	22.3	32.3	ENE 1	SSE 3	E	SE	-------	59.35	57.62	22	34.2	Calm	SSW 4	E	E	-------
7	59.95	59.34	22.8	33.8	E 2	SE 3	E	E	-------	58.82	56.89	23.3	33	Calm	W 4	WNW	WbyN	-------
8	59.54	57.54	22.3	33.7	NE 1	SE 3	E	E	-------	58.83	57.67	24.3	33	Calm	W 3	ENE	SW	0.5
9	59.28	57.67	22.3	33.6	E 1	S 4	E	E	-------	59.51	57.53	23.3	35.3	ESE 2	S 3	SE	WbyN	-------
10	59.09	57.68	21	34.8	E 1	SSE 2	E	E	-------	60.18	57.81	22.8	34.3	Calm	S 4	E	E	-------
11	58.79	57.14	21.8	34.4	ESE 1	SSE 4	NEbyE	ENE	-------	59.83	58.06	23.6	34.4	E 1	S 4	E	NE	-------
12	59.20	56.95	20.8	33.3	Calm	W 2	ENE	ENE	-------	60.44	58.65	23	35.3	E 1	S 3	ENE	ENE	-------
13	58.94	57.52	23.6	32.6	ENE 1	SSE 3	ENE	E	-------	60.22	58.21	23.8	35	E 1	S 4	E	E	-------
14	60.19	58.92	22.4	31.8	Calm	SE 4	E	NE	-------	59.01	57.52	25	34.1	Calm	S 4	E	ENE	-------
15	60.83	59.29	22.8	29.3	Calm	E 4	E	E	1.5	59.42	57.16	25.2	35.3	ESE 1	S 3	E	E	-------
16	59.79	58.42	21.6	29.8	Calm	SE 3	E	ENE	1.3	58.34	56.89	25.8	32	E 2	SSE 5	E	E	-------
17	59.50	58.17	23.8	27.6	SE 1	WNW 3	NE	ENE	.3	58.94	57.30	23.6	34.3	E 1	S 4	E	E	-------
18	59.34	58.07	23.3	27.8	NNE 1	SE 2	E	E	-------	59.39	57.63	24.3	34	E 1	S 4	E	E	-------
19	60.18	58.88	22.5	33.8	ENE 1	E 4	ENE	ENE	-------	59.49	56.66	24.4	35.1	Calm	S 4	E	E	-------
20	60.03	58.50	22.8	31.6	ENE 1	SE 2	E	NE	-------	58.49	56.51	24	35.7	E 1	S 4	E	E	-------
21	58.70	57.43	23	32.8	Calm	N 3	E	NE	1	58.88	57.06	24.6	34.2	ENE 1	S 4	E	E	-------
22	58.88	57.77	23.8	30	EbyN 1	ENE 4	NE	NE	3.6	59	56.73	23.3	35.2	E 1	S 3	E	E	-------
23	57.58	55.89	23.4	30.7	NE 1	SE 4	NE	NE	3	58.99	57.21	24.5	34.5	E 1	SW 4	E	E	-------
24	57.87	56.91	24.8	30.3	ESE 2	SE 3	E	E	-------	58.33	56.46	24.8	34.4	E 1	S 4	E	E	-------
25	59.35	59.07	24.4	32.3	SE 2	SE 4	E	ENE	-------	58.69	56.83	23.8	34.2	E 1	S 4	E	E	-------
26	61.32	59.53	23.8	32.8	ESE 1	SSE 5	E	E	-------	58.84	57.06	24	34.5	E 1	S 4	E	E	-------
27	61.66	60.42	23.6	29	Calm	SSE 2	ENE	E	.5	59.20	57.02	24.8	34.5	ENE 1	SW 4	E	W	-------
28	61.84	60.50	22.5	28.6	E 1	E 5	E	E	.3	58.18	56.60	23.8	35.2	NE 1	SSW 3	E	E	-------
29	61.54	59.75	22.8	33.8	Calm	SSE 3	E	E	-------	57.91	57.52	25.5	25.7	Calm	WNW 5	NE	E	.3
30	60.61	58.92	23.4	33.3	Calm	SSE 3	E	E	-------	58.31	56.85	23.8	32.8	NE 1	WNW 3	E	E	-------
31	60.08	58.69	23.3	34.8	ESE 1	S 3	E	E	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Mean	59.84	58.42	22.8	32.1	0.9	3.3	-------	-------	-------	59.28	57.50	24	34.1	0.8	3.7	-------	-------	-------
Total	-------	-------	-------	-------	-------	-------	-------	-------	11.8	-------	-------	-------	-------	-------	-------	-------	-------	0.8

BATANGAS.

[ϕ=13° 45′ N; λ=121° 03′ E; barometer above sea, 4 meters; gravity correction not applied, —1.75 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*							*mm.*
1	57.77	56.27	24.2	24.5	ESE	1	S	4	E	E	1.3
2	58.47	56.63	24.3	33.6	ESE	1	S	2	E	E	------
3	58.61	56.93	25.8	35.3	ESE	1	SE	3	E	E	------
4	58.42	56.97	25.8	32.8	E	1	S	4	E	E	------
5	57.95	56.58	24	31.8	E	1	WNW	5	E	E	------
6	57.39	55.74	24.8	33.5	ENE	1	SSE	2	E	E	.5
7	57.42	55.55	25.3	33.8	ENE	1	WNW	3	ENE	ENE	------
8	56.79	55.51	24.8	35.3	Calm		W	3	E	E	26.2
9	56.95	56.45	24.2	25.8	E	1	ENE	1	E	E	36.3
10	59.15	57.21	24.3	28.3	Calm		NW	3	E	W	18.3
11	59.34	57.26	23.8	33.8	NE	1	S	3	SE	E	1.8
12	59.39	57.40	25.8	30.8	Calm		SSW	3	ESE	E	1.3
13	57.89	56.86	25.3	28.3	Calm		N	1	SE	E	------
14	57.44	56.31	24.8	34.8	NE	1	SW	1	E	E	.3
15	58.11	56.30	23.8	34.7	Calm		SW	3	E	E	------
16	58.62	56.91	24.8	33.1	Calm		SW	3	W	E	29.5
17	58.69	58.32	25.5	25.8	Calm		NW	1	N	NE	41.4
18	58.73	57.56	24.8	32.8	NNE	1	W	2	E	E	------
19	59.17	57.27	25	34	ESE	1	S	2	E	E	------
20	59.09	56.72	25.6	34.3	Calm		SSE	3	E	E	------
21	57.94	56.79	24.8	33.7	E	1	S	3	SE	SE	.5
22	58.21	57.33	24.2	34.3	SE	1	S	2	E	E	------
23	60.30	58.37	24.5	33.2	ENE	1	S	3	E	E	------
24	59.49	56.75	25.2	34.3	Calm		SSW	3	E	E	------
25	58.62	56.23	24	33.9	SE	1	SSW	3	E	E	------
26	57.74	56.60	25.3	31.8	Calm		WNW	2	ESE	ENE	------
27	57.99	56.70	25.2	30.3	Calm		S	2	W	SW	.5
28	57.45	56.21	24.8	30.2	Calm		S	2	S	E	.5
29	57.82	57.26	24.8	29.9	ESE	1	SSW	2	ENE	SSE	2.3
30	57.40	55.43	25	32.8	NE	1	SE	4	SE	ESE	24.4
31	56.59	55.59	23.4	33	NE	1	S	2	ESE	ESE	------
Mean	58.22	56.71	24.8	32.1		0.6		2.6	------	------	------
Total	------	------	------	------	------		------		------	------	185.1

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*							*mm.*
1	57.49	56.53	24.3	34.3	E	1	ENE	1	E	E	------
2	58.17	56.42	24.3	35	Calm		SSE	3	E	E	------
3	57.17	56.43	26.2	34	SE	2	SE	4	ESE	E	------
4	57.72	56.60	26.3	34	E	2	E	4	ESE	ESE	------
5	58.02	56.37	24.8	34.3	Calm		SE	3	E	E	------
6	57.18	56.31	27	35	SE	1	SSE	3	ESE	ESE	------
7	58.14	56.79	26.8	35.4	E	1	SE	3	E	E	------
8	58.74	57.55	25.8	32.8	ESE	1	S	3	E	E	------
9	58.92	57.03	23.8	32.3	E	1	SW	3	E	E	------
10	58.61	56.59	25.8	34.8	Calm		SW	3	W	E	------
11	58.27	56.41	25.4	34.8	ESE	1	SW	2	NE	N	------
12	57.63	57.28	25	31.2	Calm		SSE	3	E	E	------
13	59.07	58.38	24.3	32.5	SE	1	SW	3	ESE	ESE	0.5
14	59.22	57.20	24.8	35.8	Calm		SSE	2	E	E	.8
15	59.79	58.29	25.3	32.3	N	1	SW	5	E	E	------
16	59.33	59	24.4	27.8	Calm		NW	2	------	W	2
17	59.43	58.38	23.8	31.3	Calm		WNW	3	W	W	------
18	58.94	57.78	24.4	31.8	Calm		W	3	W	WSW	10.7
19	58.39	56.90	24.8	31.3	Calm		W	3	W	W	------
20	57.38	57.04	25.2	27.3	Calm		W	2	WSW	W	14
21	56.64	55.48	23.8	31	Calm		WSW	4	W	W	------
22	56.57	56.15	24.2	29.1	Calm		WNW	2	W	E	3.6
23	56.84	57.49	24	29.3	E	1	S	1	SE	------	.8
24	58.10	56.80	23.8	29.3	Calm		SSW	3	E	E	2
25	58.06	56.60	23.9	29.8	E	1	S	3	E	ENE	13.5
26	57.58	56.69	24	29.7	Calm		NW	2	ENE	EbyS	22.1
27	57.33	56.21	24.8	32.1	E	1	SW	2	------	SE	------
28	57.17	56.48	24.9	31.5	ENE	1	NE	2	------	SE	.3
29	58.80	57.12	24.6	32.8	E	1	SSE	3	E	E	------
30	58.75	57.61	24.2	29	E	1	SW	2	E	E	.3
31	------	------	------	------	------		------				------
Mean	58.12	57	24.8	32.1		0.6		2.6	------	------	------
Total	------	------	------	------	------		------		------	------	70.6

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*							*mm.*
1	57.59	55.35	24.3	30.8	NE	1	SW	3	E	E	------
2	55.73	54.56	24.4	32.9	NNE	1	S	4	E	E	1.3
3	56.19	54.95	24.3	31.3	Calm		NW	2	E	E	4.1
4	56.77	56.26	24.2	29	NE	1	E	2	EbyN	E	3.8
5	57.36	55.99	23.5	31.3	E	1	S	4	EbyN	E	14.2
6	57.69	56.15	23.8	27.3	ENE	1	WNW	2	E	E	23.9
7	56.76	56.53	23.8	27.2	Calm		N	1	SE	SE	23.9
8	56.78	56.41	24.2	26.1	ESE	1	SSW	1	S	S	3.3
9	57.34	56.39	23.4	29	Calm		W	4	S	SW	1
10	56.94	56.69	23.3	28.4	NE	1	SSW	3	SE	WSW	2.8
11	56.17	55.80	24.3	30.5	Calm		NW	2	NW	NW	1.5
12	55.96	55.92	24.4	26.8	NW	1	NW	3	W	W	23.1
13	56.10	55.59	24.5	30.1	WNW	1	W	2	WbyS	W	.8
14	57.59	56.47	24.8	30.3	WSW	4	WSW	3	SSW	SW	2.5
15	58.34	57.28	23.2	31.3	E	1	SSW	2	S	SE	------
16	59.05	57.54	23.5	31.3	NE	1	WNW	4	ENE	N	3.8
17	56.89	55.82	24	30.3	Calm		WNW	2	NE	S	30.2
18	56.38	55.62	23.5	31	ESE	1	SE	3	SE	SE	20.3
19	58.14	57.67	24.4	28.6	NNE	1	SW	2	S	SW	.3
20	58.73	58.46	24.5	26.6	NE	1	NNW	2	WSW	N	4.8
21	58.15	56.67	23.8	29.3	Calm		NW	3	NW	WNW	11.9
22	57.21	56.04	22.7	30.3	E	1	W	2	------	W	------
23	57.09	56.09	23.8	29.3	NE	1	SW	3	E	SE	------
24	56.27	55.49	24	30.8	E	1	N	3	SE	E	------
25	55.19	54.36	24.4	29.6	Calm		WSW	2	W	SW	------
26	54.20	54.06	25.9	30	W	3	WSW	5	SW	SW	8.4
27	54.54	54.26	25.9	26	W	4	WSW	6	SW	SW	37.1
28	52.12	51.76	26.3	27.8	WSW	5	W	7	SW	SW	25.1
29	51.81	52.43	27	28.7	WNW	7	W	6	SW	WSW	67.3
30	55.98	56.24	24.3	30.8	Calm		WNW	3	W	W	4.6
31	57.39	56.99	24.8	30.2	Calm		WNW	5	W	W	------
Mean	56.53	55.80	24.3	29.4		1.3		3.1	------	------	------
Total	------	------	------	------	------		------		------	------	320

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.		Wind, direction and force (0–12). 2 p. m.		Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*							*mm.*
1	57.74	56.47	24.8	30.8	Calm		WNW	4	W	W	4.8
2	56.25	55.86	25	31.6	Calm		WNW	3	SW	W	------
3	56.59	55.96	23.8	30.3	Calm		W	3	W	SW	------
4	57	56.12	23.7	31.2	Calm		W	3	SW	WSW	2.3
5	56.70	56.54	24.8	29.8	Calm		W	4	SW	W	------
6	57.32	57.25	25.4	33.3	Calm		WNW	3	------	W	------
7	57.82	57.05	24.1	32.7	Calm		WNW	3	------	W	------
8	58.61	57.04	23.8	32.2	Calm		WNW	3	W	W	------
9	58.84	58.49	23.5	33	E	1	WNW	4	W	W	------
10	59.32	58.33	25	32	Calm		WNW	5	W	W	------
11	58.89	57.43	26	32.8	Calm		WNW	4	W	W	------
12	58.03	56.22	27	32.8	W	1	WNW	3	W	W	------
13	58.71	57.45	24	31.5	Calm		WSW	3	W	W	------
14	58.78	57.89	24.6	31.9	E	1	WSW	3	E	E	------
15	58.73	57.56	25	30.2	Calm		W	3	E	W	.5
16	57.40	56.66	25	29	Calm		WNW	3	WbyN	W	1.5
17	56.89	56.29	26.5	31.4	WNW	1	WNW	3	WSW	W	1.3
18	57.87	57.70	25	31.9	NNW	1	NW	4	W	WbyN	4.1
19	58.81	57.80	24	31.5	NE	1	WNW	2	W	W	------
20	58.45	56.41	23.7	32.8	NNE	1	W	3	------	E	------
21	58.06	57	23.2	30.5	NE	1	NW	2	E	E	------
22	58.51	57.48	23.8	33.4	NE	1	ESE	2	E	E	------
23	58.43	56.63	24.5	34	NE	1	E	2	E	E	------
24	58.49	57.11	24.5	35	NNE	1	E	2	E	E	------
25	58.05	56.27	24.2	34	ENE	1	NW	2	E	E	------
26	57.59	55.65	25	33.5	E	1	SE	3	E	E	.3
27	57.94	56.36	25.4	32.5	NNE	1	N	2	ENE	E	1
28	57.73	56.42	25	32.1	NE	1	NE	2	E	E	.3
29	58.15	57.08	25.1	31.2	ENE	1	N	2	E	E	------
30	57.39	57.02	23.4	25.6	NE	1	SW	3	E	E	16
31	57.81	56.03	24	32.5	NE	1	WSW	2	E	E	.3
Mean	57.96	56.89	24.6	31.8		0.6		2.9	------	------	------
Total	------	------	------	------	------		------		------	------	32.4

BATANGAS.

[ϕ=13° 45′ N; λ=121° 03′ E; barometer above sea, 4 meters; gravity correction not applied, —1.75 mm.]

Day.	SEPTEMBER.									OCTOBER.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	57.84	55.83	24.8	33	NE 1	W 2	E	E	------	57.96	56.53	22.8	26	Calm	ESE 1	NE	NNE	9.9
2	57.95	57.11	24.4	31.4	Calm	NW 2	E	E	2	57.46	55.08	22.5	30.6	E 1	W 3	------	W	------
3	57.75	56.36	24.4	33	ENE 1	SE 1	E	EbyS	1.8	56.20	54.63	25.4	31.8	Calm	WNW 3	SW	SW	------
4	57.79	55.82	24	30.6	NE 1	WSW 2	E	E	13.2	55.35	54.33	24.4	30.5	Calm	WNW 3	W	W	------
5	56.53	55.55	24	26.3	Calm	E 1	E	E	5.3	55.19	54.37	27	31.4	WNW 3	WNW 3	W	W	9.7
6	56.46	54.42	23.4	29.4	NNE 1	W 2	WSW	SW	3.3	54.93	54.65	26.5	31	W 3	W 3	W	WSW	2
7	55.60	54.32	25.4	30.5	WSW 1	NW 2	SW	SW	5.1	56.52	56.52	24.5	27.6	Calm	Calm	SW	WSW	6.9
8	54.96	54.85	25.4	28	W 4	W 3	SW	SW	4.3	58.16	57.01	23.3	31	Calm	W 1	------	W	------
9	54.07	54.65	27.4	32.5	W 5	WNW 2	WSW	WSW	.3	58.64	57.29	25	28	Calm	N 1	W	ENE	.3
10	56.79	55.78	26	31.5	Calm	WNW 3	WSW	SW	1.5	58.54	56.33	23.5	30	Calm	SW 2	NE	NNE	25.4
11	57.42	56.15	25.4	28.4	NW 3	W 3	SW	WSW	.3	57.19	56.12	24.4	30.2	Calm	NE 1	ENE	E	1
12	55.57	54.67	24.5	30.8	Calm	NW 2	SW	SW	------	58.82	57.32	24.5	32	NE 1	ESE 3	ENE	E	------
13	55.30	54.31	23.8	31.3	Calm	W 2	------	SW	------	59.41	57.38	23.5	31.7	NNE 1	NNE 1	E	E	------
14	55.05	53.79	23.4	33	NNE 1	NW 3	------	WSW	------	58.70	56.48	22.5	30.8	NE 1	S 2	E	E	------
15	53.63	54.20	27.2	30.7	NW 3	WNW 3	SWbyW	SW	6.4	57.10	55.72	22.2	29.4	Calm	SE 2	E	NE	3.6
16	55.31	55.92	26	28.3	W 1	WNW 3	NNW	WbyN	14.7	55.85	53.83	22.5	31.5	Calm	WNW 3	------	NW	2.5
17	56.34	55.07	24.8	29.4	W 6	WNW 4	W	W	23.4	51.32	50.59	27.5	28.4	WNW 4	WNW 5	WNW	WbyN	32
18	54.66	54.45	24.4	25	W 1	WSW 3	W	WSW	19.8	52.07	52.40	27.3	28.4	W 4	SW 3	WSW	WSW	5.6
19	54.61	54.83	26	26	W 6	W 3	W	WSW	6.9	54.76	54.57	22.5	30.8	SSE 1	SW 2	SW	WSW	------
20	56.14	55.51	24	29.4	NNE 1	NW 3	SW	WSW	------	57.49	56.05	23.5	31.5	Calm	SW 2	------	E	------
21	56.78	56.34	23.8	31.7	NE 1	WNW 1	SW	SW	------	59.60	57.49	24.4	31.4	Calm	W 2	EbyN	E	------
22	59.14	58.01	23	32.2	Calm	WNW 3	------	------	------	59.14	56.87	22.6	31.5	NE 1	SSW 2	ENE	E	------
23	59.69	57.42	22	31	Calm	WNW 3	NE	NNW	8.9	57.13	54.97	24	28.2	Calm	WNW 2	NbyW	NNW	26.9
24	58.60	56.71	24	30.6	Calm	NNE 2	NNE	ENE	30.5	53.44	54.82	24.5	30.2	SW 4	WNW 2	SW	S	14.5
25	57.09	55.87	23.8	29.7	Calm	W 2	E	W	3	58.42	57.44	25	30.2	ESE 1	NE 2	SE	SE	.3
26	57.70	57.87	23.6	28.2	Calm	N 1	W	W	------	59.74	57.65	24	31.5	NE 1	NE 2	E	ENE	.5
27	61.32	59.60	24.6	29.4	NNE 1	W 2	SE	W	------	58.78	56.96	24.5	29.9	NE 2	E 2	ENE	ENE	5.3
28	60.50	58.67	22	31.5	Calm	WNW 3	------	NW	1.3	57.69	55.93	23.5	31	NE 1	ENE 3	ENE	E	30.7
29	58.89	56.60	22.4	27.5	Calm	W 2	------	NE	10.7	57.54	56.91	24.4	28.7	Calm	NE 2	ESE	SEbyS	31.7
30	57.70	56.60	23.3	30	Calm	WNW 2	NE	NNE	3.3	57.66	56.29	23.8	31	NE 2	SE 3	SE	E	3.3
31	------	------	------	------	------	------	------	------	------	58.14	57.30	24.2	31.6	NE 2	ESE 3	E	E	------
Mean	56.91	55.91	24.4	30	1.3	2.3	------	------	------	57.06	55.80	24.2	30.3	1.1	2.2	------	------	------
Total	------	------	------	------	------	------	------	------	166	------	------	------	------	------	------	------	------	212.1

Day.	NOVEMBER.									DECEMBER.								
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	59.28	57.72	23.8	31.7	Calm	SSW 2	E	E	------	60.39	58.78	22.8	30.7	Calm	E 4	E	NE	------
2	59.60	57.78	22.8	28.6	NE 1	NE 1	ENE	E	0.8	59.97	57.95	23	28.4	Calm	NNE 2	NE	NE	7.6
3	59.24	57.26	22.9	29.2	Calm	SSW 2	NE	E	------	58.55	57.39	23.5	24.8	Calm	E 1	NE	ENE	18.8
4	58.03	56.64	23,4	28.7	Calm	SSW 2	E	NEbyN	.3	57.02	55.14	23	29	Calm	NNE 2	NE	NNE	------
5	57.75	56.06	22	30.7	Calm	NE 2	E	NE	.3	57.16	56.52	22.5	26	Calm	SE 3	NE	NE	------
6	57.16	54.74	23.3	27	Calm	NNE 2	NE	NNE	50.3	58.34	56.66	18.5	27.5	Calm	SE 2	------	NE	------
7	51.04	50.94	24.4	25.9	E 6	ESE 6	ENE	SE	21.3	58.56	56.93	19.6	27.1	Calm	NE 2	ENE	NNE	------
8	55.49	54.95	26.3	28	SSE 3	Calm	SSE	SE	6.9	57.15	55.95	19.6	27.4	NNE 1	W 2	NE	NE	------
9	57.78	56.65	23.8	31.4	Calm	SSE 2	SE	SE	.5	57.24	55.85	22.8	29.4	Calm	W 2	SE	E	3
10	59.85	57.94	23.8	30.4	N 1	W 2	SE	------	38.6	57.11	55.38	23	32	Calm	SSE 2	ENE	E	.5
11	60.35	58.66	23	30.4	NW 1	SSW 2	E	ENE	.5	57.13	56.37	23.8	27.2	Calm	S 2	EbyS	S	2.8
12	60.25	58.50	24.5	30.5	NE 1	SE 3	E	E	3	57.43	56.02	23	28	SE 2	SSW 2	SE	EbyS	24.1
13	60.36	59.17	23.1	26.2	NE 1	Calm	E	NNE	3.6	58.64	57.16	23	28.5	SE 1	SE 2	ESE	EbyS	10.2
14	58.21	56.22	23	26	Calm	Calm	NNE	NNE	38.9	59.02	57.50	22.5	27.2	Calm	SE 2	E	E	11.7
15	53.26	50.29	23	24	Calm	NW 2	NNW	NW	83.3	59.68	58.62	22	31	NE 1	SSE 2	ESE	E	------
16	53.02	52.75	23.2	29.5	Calm	SW 3	SW	SSW	------	60.15	58.52	21	29.2	NE 1	SSW 2	------	ENE	9.4
17	54.64	53.84	24.4	29.5	ESE 1	SW 2	S	SW	2.5	60.46	59.01	22	25	Calm	ESE 2	E	NE	9.9
18	55.58	54.95	23.8	29.8	SSE 1	W 1	SSW	SW	------	59.46	58.57	22	25.5	NE 1	NE 3	NE	NE	2.3
19	56.54	55.13	23	30	NNW 1	W 1	S	SW	------	60.62	58.67	21.5	28	ENE 2	S 2	NE	NE	------
20	56.76	55.53	22	30.6	N 2	WSW 2	E	SE	------	59.57	57.16	20	23.5	Calm	Calm	NE	NNE	14.7
21	57.94	57.08	23.3	31	N 1	W 2	E	NE	------	58.24	57.17	22.8	25.4	Calm	NE 1	NE	NE	------
22	58.98	57.54	23.5	30.8	NNE 1	W 2	E	E	------	58.26	57.25	22.7	26	NNE 1	NNE 1	NE	NE	------
23	59.15	56.97	22.5	32.4	Calm	W 2	------	E	------	59.27	57.85	22.3	27	NNE 1	W 1	NE	NE	3.6
24	59.09	57.82	23	25.5	Calm	N 1	ENE	ENE	8.4	60.44	60.38	22.4	24.8	Calm	NW 1	NE	NE	------
25	58.90	58.57	22.5	28.7	Calm	SE 2	ENE	ENE	1.3	61.92	60.16	22	29	Calm	SE 1	NE	NE	------
26	59.24	58.17	23	28.1	SE 1	SE 2	ENE	ENE	2.8	61.61	61.30	23	25.8	ESE 1	SE 2	NE	NE	------
27	59.53	57.94	23.2	29.4	ENE 1	SE 2	ENE	ENE	1.8	62.85	62.55	22.3	26.9	SE 1	NNW 2	E	E	------
28	59.75	58.52	23	27.4	NE 1	W 1	ENE	ENE	2.5	63.44	61.45	23	28	NE 2	NNE 4	E	ENE	1.3
29	59.56	59.41	23	28.2	Calm	SE 3	E	E	1	62.07	60.40	23	29	Calm	ESE 4	E	ENE	.3
30	60.36	58.89	23.4	28.5	SE 2	SE 3	NE	E	------	60.44	58.05	23.2	32	NE 1	S 3	EbyS	E	------
31	------	------	------	------	------	------	------	------	------	59.66	57.40	22.5	30.5	Calm	SSE 3	E	E	------
Mean	57.89	56.55	23.3	28.9	0.9	1.9	------	------	------	59.41	58	22.2	27.7	0.5	2.1	------	------	------
Total	------	------	------	------	------	------	------	------	268.6	------	------	------	------	------	------	------	------	120.2

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,456 meters; gravity correction not applied, —1.65 mm.]

Day.	JANUARY. Pressure, 600 mm.+ 6 a. m.	Pressure, 600 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.	FEBRUARY. Pressure, 600 mm.+ 6 a. m.	Pressure, 600 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	41.24	40.05	13.5	22.1	SSE 1	SSE 2		S		40.17	40.07	11.1	18.3	ESE 0	WSW 0			
2	40.54	39.97	13.8	20.2	SE 1	SE 2				40.05	40.41	12.5	20.5	Calm	WSW 0			
3	40.38	40.31	15.5	21.7	ESE 1	SE 1				41.09	40.31	13	21.5	NE 1	WSW 1			
4	40.73	40.08	16.5	20.7	ESE 2	SE 1	SE			41.10	40.85	13	23.1	Calm	SW 1		W	
5	40.55	39.71	15?	23.5	Calm	SSW 1				42.24	42.04	14.5	18.5	E 1	W 0			
6	40.56	40.59	14	21.6	Calm	S 0				42.63	42.12	15.5	19	SE 0	SW 0			0.8
7	40.54	40.55	16.5?	22.4	Calm	SW 1				42.84	42.07	13.5	19.2	E 0	SE 0			
8	41.63	40.84	11.5	22	Calm	SW 1		SW		42.64	37.49	14.2	21.2	ESE 0	WSW 1			
9	42.24	41.80	12.5	22.5	SE 0	WSW 1		SW		38.20	37.62	12	19.6	NE 0	WSW 2			
10	42.30	41.46	14.6?	22.5	SE 0	SE 2				38.22	37.67	11.2	19.5	Calm	SW 1			
11	42.04	41.71	12.5	22	Calm	SW 1		N		38.22	37.74	14	21.5	N 1	WNW 2		NW	
12	41.42	40.31	14	21.5	SE 0	WSW 1				38.30	37.78	12	17.8	ESE 1	SW 0			
13	40.48	39.85	12.5	21	Calm	SW 2		W		37.95	37.04	12	20.1	ESE 2	W 0		SW	
14	41.07	41.24	10.5	18.6	Calm	SW 2		S		37.26	37.04	12.5	17.3	E 2	W 0			1.3
15	41.89	41.66	11.5	18.6	SE 0	WSW 1		S	0.5	36.68	36.42	14	18	Calm	Calm			5.6
16	42.14	41.22	11.5	19.6	SE 0	WSW 1				37.25	37.08	13.8	19.8	SE 1	W 0			
17	40.95	40.78	11.7	16.5	ESE 0	WSW 1		N		37.25	36.44	14	23	E 1	W 0			1.3
18	40.94	41.24	14	18.6	SE 2	WSW 0			.5	36.99	36.58	16	18.5	ESE 0	E 1			1.5
19	42.03	41.75	15.4	22	E 1	SW 1		N	3	36.44	36.06	16.5	22.5	E 0	SSW 1			32.8
20	42.64	42.89	13.5	20.5	Calm	WSW 0				36.58	36.32	17	21.7	E 1	SW 0			
21	42.82	42.26	14.5	22.6	SE 0	WSW 1		N		36.63	36.04	15.7	19.5	E 1	S 0			6.4
22	42.44	41.31	13.5	20.1	Calm	WSW 0		N		36.29	36.53	16	22.2	E 1	SW 1			2.3
23	40.69	41.03	13.5	20.2	Calm	WSW 1		S		36.71	36.73	16	20.2	E 1	SW 1			
24	41.43	40.65	14	22.7	E 2	WSW 1				36.02	35.82	16.5	20.9	E 1	Calm		W	
25	41.79	40.51	12.6	20.5	Calm	SW 1		NW		36.42	36.23	15.5	22.5	NE 0	SW 1			
26	40	40.51	13.5	20.1	Calm	SW 2		NW		36.37	37.11	16.8	23	E 1	S 0		SW	
27	40.58	40.10	13.2	21	Calm	SW 1		N		36.92	36.87	17	22.4	E 1	SW 1			
28	40.73	39.65	11	18.3	Calm	WSW 2				36.19	36.30	15.4	22.1	Calm	SW 1			
29	40	39.41	10.4	21	Calm	W 2		SW										
30	40.52	39.51	10.5	18.2	ESE 1	WSW 0												
31	39.25	39.96	11.5	18.1	ESE 0	SW 1												
Mean	41.18	40.74	13.2	20.7	0.4	1.1				38.34	37.88	14.3	20.5	0.6	0.5			
Total									4									52

Day.	MARCH. Pressure, 600 mm.+ 6 a. m.	Pressure, 600 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.	APRIL. Pressure, 600 mm.+ 6 a. m.	Pressure, 600 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	36.03	36.02	15	19.8	NE 0	SW 0				37	36.98	16.1	22	NE 0	SW 0			2.8
2	36.46	36.63	16.6	20.5	Calm	SW 1				36.99	37.06	16.5	22.9	E 1	SW 2			
3	36.35	31.15	16.2	21.9	S 0	SW 2		SW		37.53	37.21	16.2	20.9	N 0	SW 2			14
4	36.38	35.64	15.3	22	W 2	W 2				37.36	37.58	17.2	20.6	Calm	SW 2		W	2.8
5	37.02	35.59	15.9	21.9	SW 2	SSW 2		N		37.04	37.23	16.3	20.2	Calm	SW 0		S	
6	37.10	36.72	14.8	20.9	N 2	SW 2		N		36.33	36.28	15.6	22.2	N 1	SW 1		SW	
7	36.38	35.70	14.2	19.6	S 2	SW 1		N		35.44	35.17	15	20	N 1	SW 2		N	
8	36.78	35.80	14.1	21.9	NE 2	SE 1	N	NE		35.26	35.74	15	20.6	E 1	SSW 2		NE	10.7
9	36	35.64	16.1	22.5	SE 2	SSW 2	W			36.15	36.12	14.8	20	SSE 1	SW 2			
10	35.93	35.75	17	22.9	ESE 1	SW 2				36.82	36.48	15.4	22.1	Calm	SW 1		N	
11	35.84	35.38	14.1	19.5	NE 0	SW 1				36.83	35.86	16.6	21	E 1	W 0			10.7
12	35.10	35.05	13.2	21	NE 0	SW 1				36.99	37.23	16.6	22.3	E 2	SW 0			
13	35.49	35.53	15.5	20.7	Calm	SW 1		SW		36.92	37.11	15.2	21.2	E 1	SW 1			
14	36.98	36.78	15	21	E 0	W 1		SE		36.57	36.68	16	20.2	E 2	SW 2		W	
15	37.34	37.24	15	16.5	SE 0	E 1			4.3	36.74	36.24	16.6	20	Calm	SSW 0			2
16	36.98	36.47	15.4	21	E 0	SW 0				35.75	35.63	16.8	18.5	Calm	Calm			10.7
17	36.49	36.14	15.5	17.5	NE 1	W 0			5.1	35.94	35.73	16.4	20.5	E 2	SW 2			39.1
18	35.99	36.19	15.2	19.8	ESE 1	SW 1		NW		36.19	36.37	17	18.2	E 1	SW 1			1.5
19	36.53	36.83	15.2	21	SSE 0	SW 0		N		36.44	35.60	16.5	20.8	Calm	SW 1			
20	36.94	36.63	16.5	22.8	Calm	SW 2				35.54	35.39	16.8	21.5	Calm	SW 1		W	1.8
21	36.45	36.03	15	20.6	NE 0	SW 0				35.74	35.42	16.5	22.1	Calm	SW 1			18
22	35.92	36.20	15.5	18.6	NE 0	SW 1			1	36.04	35.63	17	19.5	E 0	SW 0			1.8
23	35.44	35.15	16.8	19	E 0	SW 0			2.3	35.74	35.88	16	21	Calm	SW 2		N	
24	35.29	35.75	17.2	21.4	E 2	SSE 2		SW		35.65	35.46	16.8	22.5	E 1	SW 1		W	
25	36.94	36.82	16	20.4	SE 2	SW 2		E		35.94	35.72	16.4	20.4	E 1	SW 1			10.2
26	38	37.72	16.2	19.8	E 1	SW 2				36.17	36.01	16.5	20.4	E 1	SW 0			1.8
27	38.04	37.94	15.5	20.9	E 1	S 2				36	35.90	17	20	Calm	SW 1			4.3
28	38.47	38.47	15.5	19.2	SE 2	SW 1	S			35.72	35.70	18	20.2	E 1	SW 2			1.5
29	37.87	37.77	16.4	19.5	Calm	SW 1			4.8	35.52	35.36	16.8	19	NE 0	SW 0			
30	37.44	36.91	16.4	22.1	E 1	SW 1			13.7	35.81	35.66	14.5	17.2	E 1	SW 1			26.7
31	37.84	36.98	15.6	17.5	Calm	SW 0			4.6									
Mean	36.64	36.37	15.5	20.4	0.8	1.1				36.27	36.15	16.3	20.6	0.6	1			
Total									35.8									160.4

The barometric readings of this station are not reduced to sea level.

BAGUIO.[1]

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,456 meters; gravity correction not applied, —1.65 mm.]

Day.	MAY.									JUNE.								
	Pressure, 600 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure. 600 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 a. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	35.22	35.51	16.2	20	SE 2	SW 1	------	------	2	35.45	35.41	17.5	22	ESE 2	SW 1	------	W	6.4
2	35.82	35.52	16.6	20.9	ESE 2	SW 2	------	------	.8	35.77	35.93	17	21.8	E 2	SW 1	------	------	------
3	36.54	36.12	18 ?	21.7	SE 0	SW 1	------	------	15.7	35.26	35.58	17.8	25	E 3	S 1	------	------	------
4	36.09	36.15	16.5	20.2	NE 0	SW 0	------	------	1.8	35.77	35.69	18	25.5	SE 0	SE 0	------	------	------
5	35.89	35.49	17	21.8	N 0	SW 1	------	------	------	36.09	35.78	18.5	23.6	E 2	SW 2	------	------	------
6	35.32	35.07	17.3	20.9	Calm	SW 1	------	------	4.1	35.69	35.53	18.5	23.4	E 2	SW 1	------	------	19.8
7	35.24	34.85	17.1	22.9	E 1	SW 2	------	------	17.8	36.07	36.47	18.5	22.9	E 1	SW 0	------	------	1.3
8	35.09	34.73	19.5	21.6	Calm	SW 0	------	------	2	36.73	36.19	17.8	21.6	E 0	SSW 2	------	------	7.9
9	35.03	35.13	18	17.3	Calm	NNE 0	------	------	8.4	36.43	36.15	18.1	22.4	E 0	SSW 1	------	------	1.5
10	35.89	35.63	17	20.3	Calm	SW 0	------	------	45.7	36.28	35.81	18.1	22.4	Calm	SW 1	------	------	------
11	36.41	36.02	17.2	22	E 1	SW 1	------	------	14.2	36.09	35.53	17.8	22.8	ESE 0	SSW 1	------	S	------
12	36.42	36.02	17.4	19.2	E 0	Calm	SW	------	11.7	35.95	35.73	17.4	23.4	Calm	SW 1	------	------	2.5
13	35.43	35.23	17.1	20	E 2	SW 1	------	------	54.6	36.32	36.74	17	23	ENE 2	Calm	------	------	------
14	35.29	35.63	16.5	19.1	E 2	SW 1	------	------	141.7	36.80	36.12	18.7	21.2	ESE 0	SW 0	------	------	21.1
15	35.52	35.51	17.8	21.6	ESE 2	SW 1	------	SW	------	37.49	36.46	17.6	22.9	E 0	SW 2	------	------	10.2
16	36.23	35.83	16.6	23.1	SW 0	SW 2	------	------	------	36.74	36.47	15.6	21	E 0	SW 2	------	W	17.8
17	36.24	35.92	17.8	20	Calm	SW 1	------	------	2.3	36.48	36.11	17	18.9	Calm	SW 0	------	------	3
18	35.95	36.44	17.8	22.9	E 3	SW 1	------	------	5.1	35.84	35.72	16	20.2	E 0	SSW 2	------	------	7.6
19	36.89	36.38	17.5	24	E 2	SW 2	------	------	------	35.78	34.88	15.5	18.6	SSW 1	Calm	------	------	14
20	36.24	35.73	16.5	22.7	Calm	SW 0	------	------	------	34.36	34.08	16	19	E 0	SSW 2	------	------	6.6
21	35.74	35.52	16.6	23.5	E 1	SW 0	------	------	------	33.54	34.25	16.5	17.1	SE 2	SW 2	------	------	25.7
22	36.14	35.88	16.6	22.3	SE 3	SW 1	------	------	------	33.84	33.34	15	17.2	SSW 1	SE 2	------	E	4.3
23	37.63	36.57	18	23	E 1	SW 1	------	------	20.3	34.16	34.64	15.4	20.4	E 3	SE 2	SE	------	------
24	37.03	35.85	17	23	Calm	SW 1	------	------	------	35.84	35.68	18.6?	21.6	E 1	SSW 1	------	------	4.3
25	35.27	34.95	17	22.7	S 0	SW 0	------	------	10.2	36.10	35.33	18	17	Calm	SW 2	------	------	23.1
26	35.24	35.43	17.8	21.1	E 0	SW 0	------	------	34.8	35.54	35.03	18.2	18	Calm	Calm	------	------	6.6
27	35.65	34.76	16.8	21.2	SW 0	SW 1	------	------	46.7	35.04	34.63	16.5	19.4	Calm	Calm	------	------	31.5
28	35.12	34.63	17.5	23.8	E 1	SW 2	------	SW	27.7	35.24	35.08	17.2	22.6	E 0	SW 1	------	------	7.9
29	35.32	35.33	16.8	20	SW 2	SE 1	------	NE	4.1	36.32	35.93	17.5	22.1	Calm	SW 1	------	NE	1
30	35.14	34.63	17	21.7	SE 3	Calm	------	------	------	36.29	35.83	17.5	19.8	NE 0	SW 1	------	------	20.3
31	34.93	34.73	18.1	22.7	E 2	SSW 0	------	------	------	------	------	------	------	------	------	------	------	------
Mean	35.81	35.52	17.2	21.5	1	0.8	------	------	------	35.78	35.54	17.3	21.2	0.7	1.1	------	------	------
Total	------	------	------	------	------	------	------	------	471.7	------	------	------	------	------	------	------	------	244.4

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[1] On July 1 this station was raised to first-class station.

SAN FERNANDO UNION.

[φ=16° 37′ N; λ=120° 19′ E; barometer above sea, 3 meters; gravity correction not applied, −1.65 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.					*mm.*
1	59.61	57.25	22.6	30.5	S 2	N 2			
2	59.61	57.76	22.6	29.2	S 2	SW 2	S	S	
3	58.99	57.74	22	29.2	S 2	N 2			
4	58.54	57.57	23	30.2	S 2	W 2	S	E	
5	58.61	57.07	20.5	29.8	S 2	N 2			
6	58.34	57.64	21.4	31.5	N 2	S 2			
7	58.26	58.04	21	31	N 2	N 2			
8	59.81	58.77	21.6	31.8	E 2	S 2		S	
9	60.82	59.92	21	31	S 2	S 2	S	E	
10	61.02	59.44	21.2	30.6	S 2	E 2	S	SE	
11	60.42	59.87	20.4	30.8	E 2	N 2		S	
12	59.48	58.69	20.6	30.4	N 2	S 2	E		
13	58.81	58.12	22	30	NE 0	NW 2			
14	60.16	59.23	18.6	30	E 1	W 1		E	
15	61.13	60.21	20	30	E 0	W 1			
16	61.19	59.98	20.2	29	WSW 0	NW 0			
17	60.17	59.51	20.4	29.5	E 0	SE 1	NNE		
18	59.71	59.44	18	30.3	E 1	E 1			
19	59.90	59.59	20.4	30.8	ESE 0	W 0			
20	61.28	60.82	20.2	31.1	ESE 1	NW 1		S	
21	61.03	60.08	22	31	SW 0	W 0			
22	60.74	60.15	23.4	31	E 1	WSW 0			
23	60.47	59.77	22.3	31.2	NE 0	W 2		SE	
24	60.23	59.28	22.5	30.4	E 0	WSW 1			
25	60.54	59.30	20.8	29.9	ESE 0	NW 2	NW	N	
26	60.06	59.28	24.2	31.7	NE 0	NW 1			
27	59.39	58.48	23.6	32.5	E 0	W 1			
28	59.26	58.09	21.6	28.9	ESE 1	NW 3		N	
29	58.81	57.29	21.6	29.8	NE 0	W 1			
30	58.89	58.17	20.2	30.4	SE 0	NW 1		NE	
31	59.02	59.04	19	29.3	NE 1	WSW 1		N	
Mean	59.82	58.89	21.3	30.4	1	1.4			
Total									

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.					*mm.*
1	59.26	58.79	22	30.4	E 1	WSW 2			
2	59.70	59.23	19.6	30.1	ENE 1	NNW 1			
3	59.86	58.73	18.7	29.8	E 1	NNW 3			
4	60.01	59.49	21	30.9	ENE 0	W 1	N		
5	60.93	60.97	21.2	29.9	NE 1	WSW 1		E	
6	62.11	61.16	22.3	30.5	NE 0	NW 1		N	5.6
7	62.48	61.17	21.5	29.4	NNE 0	W 1	NNW		
8	62.62	60.67	21.6	31.6	ENE 0	SW 0			
9	62.75	61.11	19.3	30.6	E 1	NNW 1			
10	62.59	60.96	21.4	31.3	E 0	WSW 1			
11	62.52	60.96	23	30.8	Calm	W 1	NE		
12	62.87	61.17	22.6	31.6	Calm	Calm	N		
13	61.97	60.54	21	30.1	E 0	WNW 0			
14	61.80	60.09	20.6	30.3	Calm	NW 0	W	SW	
15	60.36	59.65	23.7	29.7	NE 1	W 1	E		3.8
16	60.84	59.98	21.5	30.4	ESE 1	NNW 2		N	
17	60.31	59.12	21.5	31	E 1	NW 1			
18	60.23	58.90	23.9	30	Calm	W 1			
19	59.30	58.11	23	32.4	Calm	WNW 1		E	12.5
20	59.34	58.83	22.5	30	Calm	NNW 2			
21	59.64	57.78	22.5	32.1	E 0	NW 1		S	
22	59.39	58.53	23	32	Calm	NNW 0			
23	59.65	58.79	24.1	32	E 0	WSW 1			
24	58.63	57.89	24.1	32.4	Calm	W 1			
25	59.55	58.61	23.1	32	ENE 0	WNW 2			
26	59.66	59.42	22.1	33.1	SE 0	S 1			
27	59.94	59.47	22	32.6	E 0	WSW 0			
28	60.28	58.92	20.2	31.3	NE 1	N 1			
29									
30									
31									
Mean	60.66	59.61	21.9	31	0.3	1			
Total									21.9

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.					*mm.*
1	59.45	58.66	22	32.4	ESE 0	NNW 1			
2	59.97	59.07	21.7	32.3	ENE 0	NW 0			
3	59.50	58.56	22.5	33.3	E 0	W 0			
4	59.98	58.69	21.8	32.1	Calm	NW 2			
5	60.23	58.58	21.1	33	SE 0	SW 0		SE	
6	60.79	59.71	22	31.9	NNE 0	WSW 1	N		
7	59.84	58.96	23	31.9	E 0	W 0			
8	59.29	57.59	21.4	33.9	Calm	WSW 0		SE	
9	58.80	57.76	22	33	NE 0	SSW 1			
10	58.99	57.86	21.1	32	NNE 1	NW 0			
11	58.98	57.46	23	33.2	Calm	W 1	NNE		
12	58.43	57.44	22.5	31.9	Calm	NNW 2			
13	58.35	57.68	22.1	31.8	E 0	NW 0			
14	60.49	59.36	21.7	31	NE 0	N 1			
15	60.92	59.86	21.2	32	E 0	S 1			
16	60.38	58.58	23	32.6	Calm	W 1			
17	59.40	58.48	22.1	32	E 0	NNW 2			
18	59.19	58.68	22.5	33.3	NE 0	WNW 1			
19	59.89	59.13	22.5	33.7	E 0	N 0			
20	60.23	59.05	21.6	32.1	ENE 1	W 1			
21	59.24	58.07	21.4	33.4	E 0	WNW 1			
22	58.84	58.40	23.5	32	Calm	NW 0	E		
23	58.13	56.92	23	33.4	ENE 0	WNW 0			
24	58.09	57.52	25.7	31.6	Calm	NW 2		E	
25	59.60	59.60	25.1	31.7	Calm	WNW 1		SE	
26	61.56	60.60	24.5	32.4	Calm	NNW 1	N	NE	
27	61.22	60.57	23.5	30.1	Calm	Calm		NE	
28	61.84	60.56	24.4	32.8	Calm	W 1			
29	61.15	60.21	23.7	32.8	Calm	NW 1	E	E	
30	60.32	59.06	23.4	33.5	Calm	N 1			
31	59.62	59.16	24.5	33.4	SSE 0	W 1			
Mean	59.76	58.77	22.7	32.5	0.1	0.8			
Total									

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.					*mm.*
1	59.52	58.85	25.7	34.9	S 1	NW 2			
2	59.93	59.42	24.1	33.4	Calm	NNW 1	S	E	
3	60.57	59.50	25	33.4	Calm	WSW 1			
4	60.52	59.67	24.4	32.8	SE 0	N 2	S		
5	59.68	58.65	23.5	35.1	Calm	SW 1			
6	59	58.61	21.9	32.9	E 0	NW 3			
7	58.28	57.48	22	33.9	S 0	SW 1			
8	58.22	57.62	25.3	33.2	ENE 0	W 2	S		
9	59.24	58.23	24.6	32.3	Calm	NNW 1			
10	59.84	58.88	22.8	32.2	NE 1	NW 2			
11	60.22	58.37	26.5?	33	Calm	N 1			
12	60.01	59.13	22.4	35.4	S 0	SSW 1			
13	59.66	58.97	24.9	33	E 0	WSW 1	S	S	
14	59.64	58.81	25.4	32.8	Calm	NW 1			
15	59.49	58.18	24.4	32.4	ENE 0	WNW 2			
16	58.64	57.08	24.4	33.5	Calm	W 1	SE		
17	58.60	57.52	24	34	Calm	W 2		SE	
18	58.59	58.24	25.9	33.9	ENE 1	SW 1			
19	59.17	57.50	25.4	33.5	Calm	N 1			
20	58.02	57.19	25.3	33.5	SE 1	WNW 1			
21	58.35	57.55	24.2	33.7	N 1	NW 2		N	
22	58.58	57.54	24.6	33.4	ENE 1	W 2			
23	58.09	57.89	24.1	32.7	ESE 1	NNW 2			
24	58.28	57.08	23	33.5	Calm	N 1			
25	58.17	57.69	24.5	33.3	E 1	WSW 2			
26	58.74	57.79	24.7	34.3	ESE 1	SW 1			
27	58.67	57.72	25.4	33.4	Calm	WNW 2			
28	57.87	57.49	24.1	33.5	E 0	SW 1			
29	57.81	57.14	25.5	33.9	Calm	NNW 2			
30	58.45	57.40	26.5	32.2	ESE 1	WSW 1	N		
31									
Mean	58.70	58.11	24.5	33.4	0.3	1.5			
Total									

SAN FERNANDO UNION.

[ϕ=16° 37′ N; λ=120° 19′ E; barometer above sea, 3 meters; gravity correction not applied, —1.65 mm.]

MAY.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.
1	57.70	57.34	24.1	32.1	E 1	NW 1		SE	
2	58.29	57.54	25	33.4	E 1	WNW 2	S		
3	58.97	58.10	23.8	32.8	ENE 1	NW 2			
4	58.52	57.96	24.5	34.4	NNE 1	NW 2			
5	58.35	57.04	24.3	34.4	Calm	N 1			
6	57.54	56.64	25.1	35.2	Calm	NNW 1			
7	57.39	56.60	25.5	36	Calm	WNW 1			
8	56.97	56.09	25.5	34.3	E 1	WNW 1			
9	56.76	57.16	27	31.5	Calm	NNE 1		NE	
10	58.67	57.36	25.2	33.5	ENE 0	NW 2			6.5
11	59.24	57.90	24.6	33.4	Calm	N 1			9.1
12	58.96	58.37	24.9	26.6	ESE 1	E 1			21.2
13	57.87	56.22	23.8	32.8	NE 0	NNW 1	N		22.9
14	57.17	57.05	25.2	32.8	SE 0	SW 1		SE	5.7
15	57.39	57.31	25.6	34.1	S 0	NW 1			
16	58.46	57.39	25.2	32.5	Calm	W 1			
17	58.80	58.17	27.2	29.7	SE 0	Calm		NE	
18	58.04	57.86	26	30.3	Calm	NW 1		S	
19	59.17	57.71	25.5	33.5	SSE 1	NW 1			
20	58.44	57	25.4	33.9	E 1	W 1		SE	
21	57.72	57.04	26.8	34.6	S 1	NW 1			
22	58.05	57.90	25.9	34.5	Calm	NNW 2			17.8
23	59.71	58.25	25.1	33.1	E 0	SSW 1		S	34.3
24	59.27	57.04	24.6	33.8	Calm	NW 1	E		6.4
25	57.79	56.15	25.5	33.9	E 0	W 2			32.3
26	57.39	56.49	25	33.5	Calm	NNW 2			18.8
27	57.38	56.15	25.4	31.8	S 0	N 1			30.7
28	56.97	56	24.7	33.1	SE 1	NNW 1			35.6
29	57.82	56.71	25.2	30.8	Calm	NNW 1		SE	23.1
30	57.10	55.41	24.6	32.1	Calm	NW 1			
31	56.84	56.05	25.8	32.9	Calm	W 1			
Mean	58.02	57.10	25.2	32.9	0.3	1.2			
Total									264.4

JUNE.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.
1	57.54	56.91	25.5	33.9	S 1	N 1			
2	58	57.16	24.4	33.3	Calm	NW 1			
3	57.12	56.02	25	33.7	Calm	NNW 1			
4	57.93	56.86	25.4	34.5	SSE 1	NNE 1			
5	57.98	57.21	23.9	33.9	E 1	WSW 1			
6	57.22	56.79	25.5	34	Calm	WNW 1		E	
7	58.08	57.45	25.8	34.3	Calm	NNW 2			
8	58.87	57.64	26.3	34.1	S 0	NW 1			
9	58.25	57.47	27	34.2	SE 0	NNW 1			
10	58.28	57.19	26.8	33.6	E 1	NW 1			
11	58.30	56.87	27.3	34.2	Calm	W 1			
12	57.87	57.22	27.4	35.6	E 1	SW 1	NE		
13	58.83	58.13	26.7	34.4	S 1	NNW 1	W		4.1
14	59.31	57.29	25	34.4	SSE 1	WSW 1			18
15	59.53	58.04	25.1	32.5	SSE 1	SW 1			
16	59.21	58.67	26.3	32.1	S 0	W 1	SSE		2.8
17	59.09	58.07	23.8	31.1	Calm	NNW 2		E	
18	58.34	57.62	25.9	32.2	ESE 0	SSE 2	WNW		14.2
19	58.36	57.18	24	27.8	S 1	E 1		W	7.9
20	55.86	55.51	25.5	32.1	ESE 1	SSE 2			17.5
21	55.07	55.78	25.3	26.5	Calm	SSE 1		SSW	9.7
22	55	54.56	24.6	29.4	SE 2	S 1			
23	56.38	56.51	25.6	31.8	Calm	NE 2			5.6
24	58.75	57.87	23.1	32.3	E 1	NNW 1			
25	58.52	57.42	24.5	32.5	Calm	NE 1		N	
26	57.62	56.37	25.7	33.5	Calm	NNW 1			
27	57.08	56.05	25.3	32.4	ESE 0	WSW 1			10.9
28	57.50	56.52	24.3	33	Calm	SSW 1			9.7
29	58.89	57.62	24.3	32.4	Calm	N 1			
30	58.61	58.07	25.5	32.1	E 1	NW 1		SE	4.3
31									
Mean	57.91	57.07	25.4	32.7	0.5	1.2			
Total									104.7

JULY.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.
1	57.44	56.07	24.5	32.4	ESE 1	W 1			
2	55.62	55.20	24.5	32.8	SE 1	WSW 1			6.4
3	56.38	55.76	24.1	32.1	Calm	SW 1			
4	56.77	56.38	24	31	SE 1	Calm			1
5	57.12	56.62	24.4	32.3	ESE 1	SW 1			
6	57.36	56.67	24.8	29.7	Calm	W 1		SE	7.4
7	56.62	55.72	24.2	31.7	Calm	Calm		SSE	
8	56.50	54.76	25.1	31.4	Calm	S 2			
9	55.79	54.98	26	32.4	SE 1	SSW 2			3.3
10	56.32	56.50	24.3	25.2	S 1	SSE 1			2
11	56.73	55.37	25.1	33.4	E 1	SW 1			18.3
12	56.09	55.60	24	29.7	Calm	WSW 1			8.4
13	55.47	54.39	24	24.4	Calm	SSW 1			26.4
14	55.82	55.76	26	29.3	S 2	SSW 2			
15	58.07	57.72	25.4	31.2	ESE 1	W 1			9.7
16	59.39	58.78	24	30.5	E 1	WSW 2			3.3
17	57.03	55.66	24.1	29	Calm	S 1		ESE	3.7
18	56.37	55.30	24.5	31.9	Calm	SSW 2			1.5
19	57.69	56.87	24.4	32.6	E 1	SW 2		SE	12.2
20	58.80	57.81	24	31	SE 0	WSW 0			4.6
21	57.69	56.98	23.3	30.7	E 1	NW 2		SW	4.6
22	57.33	56.06	24.4	30.9	ESE 0	W 1			15.5
23	57.28	56.38	24.7	29.4	Calm	WNW 0		NNE	7.4
24	56.49	55.06	24.3	30.7	S 1	SW 0			51.6
25	55.22	54.98	24.4	31.1	E 1	WNW 2		SW	13.3
26	54.72	54.27	24.3	24.5	SE 1	Calm			48.3
27	52.69	52.34	25.4	26	S 2	SW 2	SW		83.3
28	50.70	49.75	24.5	24.5	SSE 2	S 3			82.8
29	46.65	50.44	25.3	25.9	SW 6	W 2			74.8
30	55.29	56.48	24.3	25.1	E 2	SSE 1		NW	36.3
31	57.39	57.47	23.9	31.5	SE 0	SW 1			
Mean	56.09	55.55	24.5	29.8	0.9	1.2			
Total									526.1

AUGUST.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.
1	57.04	56.78	25.6	30.1	ESE 1	E 1			11.2
2	56.27	56.47	25.2	27.4	SSE 1	S 1			4.1
3	55.64	55.61	25	29.6	SE 1	S 1			
4	56.27	56.46	25	28.4	ESE 1	SSW 1		SW	11
5	56.38	56.31	25.4	30.9	Calm	SW 1			27.7
6	57.08	57.29	25.1	30.5	SSE 0	S 2			3.7
7	57.64	57.30	26	32.2	E 1	SW 1	WSW		
8	58.38	57.92	26.6	31.5	SE 1	W 1		NW	
9	58.93	58.80	25.6	31.4	S 1	SSW 1	SW	W	
10	59.23	58.50	26.3	32	SE 1	S 1			
11	59.22	57.70	26.4	32.1	SE 1	SSE 1			
12	58.02	57.16	26.6	32	ESE 1	WSW 1			
13	59.01	58.23	25.8	32.5	S 1	W 1			
14	59	58.70	25.4	30.7	E 0	W 1			
15	58.40	57.46	24.5	32	Calm	NW 1			
16	57.65	56.96	24.9	31.6	E 1	NW 2			
17	57.32	56.53	24.6	30.5	SE 1	W 1			10.9
18	57.58	57.42	23.9	30.8	ESE 1	SW 1		NW	5.1
19	58.57	57.75	23.6	30.1	SE 0	WSW 1			7.4
20	58.55	56.85	24.2	31.8	Calm	SW 2			1
21	58.32	57.78	24.7	31.4	S 0	NW 1			
22	58.95	57.57	26	31.7	E 1	NNW 2			6.4
23	58.52	57.47	23.9	31.7	SE 1	W 1			
24	58.72	57.67	26.4	33.1	SE 1	S 1			
25	58.34	56.82	25.3	33.1	S 1	NW 1			
26	57.90	56.18	26	32.9	SSE 1	WNW 1			
27	58.33	56.73	25.6	33.7	E 1	NW 1			1.5
28	58.24	57.17	24.6	32.6	S 1	NNW 1			
29	57.78	56.70	24.2	31.8	SE 1	NW 1			1
30	57.68	56.70	23.5	33	S 1	W 2			
31	57.92	56.57	25.2	33.3	SE 1	NNW 1			
Mean	57.96	57.21	25.2	31.5	0.8	1.2			
Total									91

SAN FERNANDO UNION.

[ϕ=16° 37′ N; λ=120° 19′ E; barometer above sea, 3 meters; gravity correction not applied, —1.65 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a.m.	Pressure, 700 mm.+ 2 p.m.	Temperature. 6 a.m.	Temperature. 2 p.m.	Wind, direction and force (0–12). 6 a.m.	Wind, direction and force (0–12). 2 p.m.	Lower clouds, direction. 6 a.m.	Lower clouds, direction. 2 p.m.	Rain, 24 hrs. beginning 6 a.m.
	mm.	mm.	°C.	°C.					mm.
1	58.35	56.91	26.4	33.2	Calm	W 1			
2	57.69	57.12	26	33.4	E 1	W 1			
3	57.77	57.25	24.3	32	E 1	WSW 1			
4	57.83	56.31	25.6	32.4	S 1	NNW 1			14
5	56.66	55.55	25.4	30	SE 1	W 1			.6
6	56.07	54.48	24.4	31.9	SSE 1	NW 1			.5
7	54.17	53.62	23.6	31.5	Calm	NW 1		S	15.7
8	54.43	52.41	25.2	32.1	Calm	S 2			
9	54.90	54.19	25.6	32	S 1	N 1			6.6
10	56.90	56.40	25.4	29	SE 1	S 1			7.6
11	56.88	55.47	24.8	30.5	Calm	NW 1			5.8
12	56.12	54.07	24.2	31.5	E 0	W 1			6.1
13	55.58	54.32	25.5	32.1	Calm	SW 2			
14	54.78	53.21	25.9	32.4	SE 1	S 1			.3
15	53.78	53.68	26.2	32.2	SE 2	S 1	SW		1.5
16	55.93	56.04	25.7	26	E 1	S 1	W	SW	51.3
17	55.80	54.82	24.1	25.2	SSE 1	SSW 1			81.3
18	54.02	52.80	23.4	24.4	S 1	Calm			76.5
19	53.89	52.75	24.2	24.6	E 1	S 1	S	SSW	63.2
20	54.55	54.37	23.5	24.3	S 2	SSE 1			96.5
21	55.94	56.57	24.5	26.7	S 2	SE 1		SW	.8
22	58.17	58.08	25.8	31.4	SSE 1	SW 2			
23	60.28	58.91	25.4	31.4	E 1	W 1			
24	59.20	56.85	25.4	31.2	Calm	W 2			
25	56.97	55.26	25.3	32.3	SE 1	SW 1			.5
26	57.49	56.56	24.4	31.7	S 1	NW 2			3.8
27	60.81	59.60	23.9	32	Calm	W 1			
28	60.29	59.97	24.4	30.7	SE 1	WNW 1			
29	58.76	57.04	23.8	31.6	Calm	W 1			
30	57.63	56.89	23.6	32	S 1	NW 1			
31									
Mean	56.72	55.72	24.9	30.4	0.8	1.1			
Total									432.6

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a.m.	Pressure, 700 mm.+ 2 p.m.	Temperature. 6 a.m.	Temperature. 2 p.m.	Wind, direction and force (0–12). 6 a.m.	Wind, direction and force (0–12). 2 p.m.	Lower clouds, direction. 6 a.m.	Lower clouds, direction. 2 p.m.	Rain, 24 hrs. beginning 6 a.m.
	mm.	mm.	°C.	°C.					mm.
1	57.79	56.96	24.5	32.1	S 1	W 1			
2	57.47	54.95	25	30.6	E 1	NW 1		N	37.1
3	56.05	54.65	23.6	30.4	S 1	S 1			.5
4	55.34	54.50	24.6	30.2	Calm	W 0			5.1
5	55.79	54.45	24.4	27	Calm	SW 1			60.5
6	53.71	53.96	24.7	26	S 2	S 1	SW		13.5
7	56.20	55.73	23.2	29	SE 1	Calm		S	22.9
8	58.42	57.57	24.5	28.8	S 1	W 1			10.2
9	59.05	57.01	23.8	30.4	SE 1	W 1			1.3
10	58.75	57.26	24.2	30.6	S 1	NW 1			
11	58.10	56.48	24.7	31	SE 1	W 1			
12	59.42	57.82	24	31.8	S 1	SW 1			.3
13	59.75	57.84	24	32	Calm	W 1			
14	58.92	57.03	24.2	31.4	S 1	NW 1			
15	57.45	56.07	24.4	31.8	Calm	W 1			
16	56.13	53.69	24	31.9	Calm	NNW 2			
17	50.85	46.15	26.6	26.6	E 2	NW 5	N	NW	86.4
18	45.53	48.42	23.4	25.8	SW 6	S 2			22.9
19	52.99	53.60	25.4	31.6	E 1	W 1			
20	57.24	56.32	23.6	31.6	Calm	NW 1			9.1
21	59.67	58.43	24.9	30.8	S 1	W 1			
22	59.75	57.57	25.9	30.7	SE 1	NW 1			
23	58.17	55.30	26.3	29.6	S 1	NNW 2			
24	44.61	50.63	27.0	27.4	NNW 3	S 3			
25	57.14	56.92	24.6	30.5	Calm	SW 1			
26	59.87	58.34	23.5	31	E 1	W 1			
27	59.37	57.42	24	31.4	SE 1	NW 1			
28	58.81	57.17	23.5	30.3	S 1	WNW 1			
29	58.14	57.38	25	30.8	ESE 1	Calm			
30	57.78	56.31	25.1	31.2	E 1	W 1			
31	58.68	57.39	24	30.5	SSE 1	W 1	E		
Mean	56.68	55.59	24.5	30.2	1.1	1.2			
Total									269.8

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a.m.	Pressure, 700 mm.+ 2 p.m.	Temperature. 6 a.m.	Temperature. 2 p.m.	Wind, direction and force (0–12). 6 a.m.	Wind, direction and force (0–12). 2 p.m.	Lower clouds, direction. 6 a.m.	Lower clouds, direction. 2 p.m.	Rain, 24 hrs. beginning 6 a.m.
	mm.	mm.	°C.	°C.					mm.
1	59.91	58.33	23.2	30	E 1	SW 1			
2	59.56	58.29	23.1	30.7	S 1	WSW 1			
3	59.49	57.89	23.2	30	SE 1	WNW 1			
4	59.19	57.06	23.2	31.3	SE 1	NW 1			
5	58.49	56.94	24.2	30.8	E 1	W 1			
6	58.31	55.59	22.8	30.4	S 1	NW 1			
7	55.69	53.69	24.6	28	Calm	Calm			15.2
8	54.04	54.07	24.5	29.8	Calm	W 1			
9	57.39	56.88	24.7	31.6	Calm	SE 1			10.9
10	60.09	58.78	24.2	29.5	Calm	SW 1			8.1
11	60.31	59.09	24.4	29.2	S 1	NNW 1			3
12	61.23	59.04	22.7	30.4	E 1	SW 1			
13	60.86	59.54	22	30.1	Calm	W 1			
14	58.73	56.47	22.6	28.9	S 1	NW 1		SE	.5
15	54.57	51.28	24.2	28.5	ENE 1	N 1			.8
16	53.62	52.26	24.5	26.3	Calm	SE 1			21.8
17	54.15	52.42	24.1	32	S 1	S 1			
18	54.82	54.18	25.8	30.5	E 1	S 1			
19	56.48	54.50	23.4	31	SE 1	SW 1			
20	56.33	55.31	22.5	29.2	S 1	W 1			
21	57.81	56.16	21.6	31.5	Calm	NW 1			
22	58.44	57.59	24.5	31	SE 1	W 1			22.9
23	59.93	58.16	24.5	28.8	S 1	SW 2			
24	59.98	58.14	25.2	29.3	E 1	W 1			
25	59.92	58.57	24.3	30.2	Calm	S 1			
26	59.68	58.50	21.6	29.2	S 1	S 1			
27	60.39	58.60	22	29.8	E 1	NNW 1			
28	60.17	58.43	22.6	29.9	S 1	W 0			
29	60.17	59.42	24.3	29.7	Calm	NW 1			
30	60.78	59.77	23.2	29	SE 1	WNW 1			
31									
Mean	58.35	56.83	23.6	29.9	0.7	1			
Total									83.2

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a.m.	Pressure, 700 mm.+ 2 p.m.	Temperature. 6 a.m.	Temperature. 2 p.m.	Wind, direction and force (0–12). 6 a.m.	Wind, direction and force (0–12). 2 p.m.	Lower clouds, direction. 6 a.m.	Lower clouds, direction. 2 p.m.	Rain, 24 hrs. beginning 6 a.m.
	mm.	mm.	°C.	°C.					mm.
1	60.57	59.52	20.8	29.5	SE 1	NNW 1			
2	61.06	58.64	22.6	29.6	SSE 1	W 1			
3	58.95	57.29	22.4	30	S 1	SW 1			
4	57.47	55.57	21	29.4	S 1	W 1			
5	57.55	56.29	21.7	29.5	Calm	NW 1	NE		
6	58.82	57.14	20.2	28.4	Calm	W 1			
7	59.58	57.34	20	28.9	S 1	SW 1			
8	58.01	56.54	19	29.6	SE 1	NW 1			
9	57.93	56.49	18.9	28.2	S 1	W 1			
10	57.40	56.02	21.4	29.4	E 1	WNW 1			0.5
11	57.34	56.02	24.2	29.1	NE 1	NW 1		E	3.8
12	57.95	56.77	22.4	28.5	S 1	NNW 1			2.5
13	59.11	58.09	22.9	28.9	E 1	Calm			
14	59.49	57.34	23.4	29.4	Calm	SW 1	NNE		
15	60.81	59.32	23.4	28.1	Calm	NW 1			
16	60.97	59.09	21.8	29.3	S 1	W 1			
17	60.91	59.19	23.5	26.4	S 1	NNE 1			.5
18	60.27	59	23.4	27.7	Calm	Calm			
19	60.51	58.91	21.6	27	Calm	SW 1	N		
20	60.68	58.05	19.4	27	S 1	W 1			
21	58.61	57.38	20	28.4	SE 1	NW 1			
22	58.54	57.75	20.4	28.7	S 1	WSW 1			
23	59.59	58.78	22	28.2	SSE 1	N 1			
24	60.46	60.39	23.9	27	Calm	Calm			
25	62.09	60.66	22.3	28.1	Calm	W 1			
26	62.13	61.42	20.8	29.4	E 1	W 1			
27	62.97	62.79	20	28.4	S 1	NW 1			
28	64	62.44	19	28.6	S 1	SW 1			
29	62.35	61.08	21.4	29.2	E 1	W 1			
30	60.89	58.73	20.8	29.7	S 1	NW 1			
31	60.22	57.92	21.1	30.5	S 1	NW 1			
Mean	59.91	58.45	21.5	28.7	0.7	0.9			
Total									7.3

CANDON.

[ϕ=17° 12′ N; λ=120° 26′ E; barometer above sea, 6 meters; gravity correction not applied, −1.62 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	59.49	57.39	22.4	29.5	NE 2	SW 2			
2	59.34	57.64	22.1	28	NNE 1	WNW 1	NW		
3	58.39	57.65	22.4	28.6	Calm	NW 1			
4	58.54	56.99	24.4	29.6	Calm	NW 1	SE		
5	58.50	56.94	23.1	29	Calm	NW 2			
6	58.28	57.51	23.8	29.2	Calm	W 2			
7	58.41	57.56	23.2	28.6	Calm	SW 2			
8	60.11	58.20	23.2	28.8	Calm	SW 3		S	
9	60.87	59.40	23	28.8	Calm	N 4			
10	60.56	59.46	22.2	28.5	Calm	NW 2	NW	NW	
11	60.47	59.46	22	28.7	Calm	SW 1			
12	59.75	58.21	21.4	28.3	Calm	NW 2			
13	59.19	58.07	21.6	28	Calm	N 4	W		
14	60.30	59.23	20	27.1	Calm	W 1			
15	61.28	60.11	21.2	27.6	NE 1	SW 2		S	
16	61.51	59.93	21	27.2	Calm	W 1	S		
17	60.35	59.32	21.5?	27.5	Calm	SW 1			
18	60.40	59.21	19.9	28.6	NE 1	NW 2			
19	60.26	59.39	21.4	28.5	Calm	W 2			
20	61.49	60.68	22.7	29.1	NNE 1	NW 3			
21	61.41	60.03	22.5	29	Calm	NW 2		NW	
22	60.94	60.33	23	28.8	Calm	W 3	W	NW	
23	60.91	59.50	22.2	28.5	Calm	SW 1		S	
24	60.44	59.14	24	29	Calm	NW 2		NW	
25	60.68	59.45	23.5	28.5	Calm	N 4	N	NW	
26	60.03	59.01	23.5	28.8	NNE 1	W 2		SW	
27	59.46	58.61	22.6	28.8	Calm	SW 1			
28	59.38	58.01	23.1	28.2	Calm	N 4	NW	N	
29	58.91	57.51	21	27.8	Calm	W 3			
30	59.31	58.16	21.1	28.6	NE 1	NW 2			
31	59.20	58.71	21	28.5	NNE 1	NW 3			
Mean	59.94	58.74	22.3	28.5	0.3	2.1			
Total									

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	59.49	58.51	22.4	28.1	Calm	W 1			
2	59.77	59.57	22	27.4	Calm	W 1		W	
3	60.30	58.49	21.2	28.5	Calm	NW 4			
4	60.14	59.09	22.4	29.5	Calm	NW 3			
5	61.27	60.66	22.2	28.7	Calm	SW 1			
6	62.16	60.93	22	28.7	Calm	W 2			
7	62.71	60.99	22	28.1	Calm	W 3		S	
8	62.64	60.54	23.4	28	NE 1	W 1	W		
9	62.80	60.93	23.8	28.2	Calm	NW 4			
10	62.61	60.79	21.5	28.4	Calm	S 3			
11	62.79	60.89	22.9	28.7	Calm	W 3		NW	
12	62.87	59.94	22.3	30.9	NE 1	NE 5		NE	2.5
13	62.17	59.48	21.8	30.2	Calm	N 3			
14	61.66	60.07	22.7	28	NE 1	N 1			
15	60.78	59.49	23.2	28.8	Calm	SSW 1			3.6
16	60.82	59.94	23.9	29	Calm	NW 3			
17	60.50	59.20	23.4	28.5	Calm	NW 2		NW	
18	60.24	58.79	24.3	29.6	Calm	NW 3		NW	
19	59.44	58.43	24.2?	28.9	Calm	W 2	S	W	3.8
20	59.54	59.09	24	29.4	Calm	NW 2			
21	59.80	58.12	23.5	29	Calm	SW 2			
22	59.45	58.43	23.5	29.9	Calm	NW 2			
23	59.88	58.50	24.7	30	Calm	SW 3		SW	
24	59	58.13	23.4	30	NNE 1	W 2	SW	W	
25	59.89	58.66	24.5	30	Calm	NW 2	SW		
26	59.58	59.63	24.1	30.5	Calm	SSW 2			
27	60.05	59.39	23.6	29.4	Calm	NW 2		NW	
28	60.11	58.98	23	29.5	Calm	NW 3			
29									
30									
31									
Mean	60.80	59.49	23.1	29.1	0.1	2.4			
Total									9.9

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	59.70	58.56	23.4	29.6	N 1	NW 3	W		
2	59.83	59.19	22.4	29.4	Calm	SW 2		SW	
3	59.61	58.49	23.4	29.5	Calm	WNW 1			
4	60.04	59.23	23.9	30	Calm	NW 4			
5	60.13	58.65	22.7	28.9	Calm	W 1			
6	60.53	59.86	24.9	29.5	Calm	WbyS 3	SW	W	
7	59.99	58.71	23.7	30.6	Calm	WbyS 3			
8	59.25	58.04	23	30	Calm	SW 3			
9	58.65	57.99	23.6	29	Calm	W 3			
10	59.01	57.83	22.4	29.5	Calm	SW 2			
11	58.59	57.86	23.9	29.5	Calm	SW 2		SW	
12	58.65	57.73	23.8	29.5	Calm	W 2			
13	58.39	57.69	23.7	29.8	Calm	W 3			
14	60.56	59.63	24.8	29.4	Calm	W 3			
15	61.41	59.90	22.9	29.5	Calm	W 2			
16	60.25	58.76	23.9	30.2	Calm	NW 3			
17	59.63	58.52	24.2	30.4	Calm	SW 2		W	
18	59.26	58.22	25.6	30.6	Calm	W 2			
19	59.82	59.10	25.3	31	Calm	W 3		W	
20	60.38	59.06	24.2	30.5	Calm	SW 1			
21	59.21	57.67	23.2	31.1	Calm	NW 3			
22	58.91	57.99	22.5	30.8	Calm	SW 3			
23	58.25	56.72	24	31	Calm	W 3			1.3
24	57.99	57.24	24.5	31.5	Calm	W 1		E	
25	60.01	59.24	25.7	30.4	Calm	W 1			
26	61.64	59.42?	25.5	32.8	Calm	SW 3			
27	61.41	60.39	25	31	N 3	SW 3			
28	61.93	60.38	24.5	30.2	Calm	W 3		W	
29	61.23	60.33	24.2	30	Calm	SW 1			9.1
30	60.41	59.03	24.4	30.5	Calm	SW 1			
31	59.90	59.02	23	30.5	Calm	W 3		W	
Mean	59.86	58.72	23.9	30.2	0.1	2.4			
Total									10.4

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	59.94	59.35	24	30.6	Calm	W 1			
2	59.94	59.55	24.5	30.5	Calm	W 3		W	
3	59.72	59.44	25.4	31.5	Calm	NW 3	W		
4	60.43	59.42	24	30.5	Calm	NW 2			
5	59.63	58.62	22.2	30.4	Calm	W 3	S		
6	59.04	58.56	24	30.5	Calm	NW 3			
7	58.06	57.72	23	27.4	Calm	NW 2			
8	58.06	57.54	23	30.2	Calm	W 3	S		
9	59.17	58.33	23.9	30	NW 1	NW 2			
10	59.91	58.65	22.5	31.4	Calm	NW 3			
11	59.73	58.39	22.2	31	Calm	NW 1			
12	60.20	59.23	23.2	31.2	NW 1	W 3			
13	59.78	59.10	24.5	30.6	Calm	W 3			
14	59.73	58.84	24.7	31.5	Calm	NW 2			
15	59.74	58.24	23.7	31.3	Calm	NW 4			
16	58.43	56.82	24	31.4	Calm	SW 1			
17	58.47	57.84	24.9	31.4	Calm	W 2		W	
18	58.62	58.14	24.9	31.5	Calm	SW 3			
19	59.03	57.69	25	31.5	Calm	NW 2			
20	57.81	57.18	25	31.6	Calm	WbyS 2		SE	
21	58.08	57.69	24	31.1	Calm	SW 1		SE	
22	58.70	57.49	24.2	31.4	Calm	NW 2			
23	58.49	57.84	23.5	31.5	Calm	NW 1			
24	58.30	56.87	23.2	31.7	Calm	SW 2			
25	58.02	57.84	24.6	31	Calm	SW 4		S	
26	58.82	57.98	24.5	31.8	Calm	SW 3	W	W	
27	58.71	57.58	25.5	32	Calm	NW 2		W	
28	58.03	57.28	24.5	32.2	Calm	NW 2			
29	57.92	56.82	24.5	33	Calm	NW 3			
30	58.26	57.35	25.6	31	Calm	SW 2			
31									
Mean	58.96	58.11	24.1	31.1	0.1	2.3			
Total									

CANDON.

[ϕ=17° 12′ N; λ=120° 26′ E; barometer above sea, 6 meters; gravity correction not applied, —1.62 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	57.99	57.08	25.8	31.5	Calm	NW 3	W		
2	57.99	57.37	25.7	32	Calm	SW 3	W	W	
3	59.06	57.76	25.5	32.5	Calm	NW 4			
4	58.53	57.77	24.5	32.4	Calm	NW 3			
5	58.13	56.89	24.5	32	Calm	SW 3			
6	57.56	56.43	25.2	31.8	Calm	SW 2			
7	57.43	56.62	26.5	32.5	Calm	SW 2			
8	57.13	55.96	26.7	33	Calm	W 3			
9	56.68	57.15	26.1	32	Calm	W 2			
10	58.81	57.22	25.1	32.1	Calm	W 3	E	E	33.8
11	59.13	57.97	26.5	30.5	Calm	SW 2			3.8
12	58.94	57.85	26.2	29.8	Calm	NW 2	NE	E	26.9
13	58.08	56.41	25	30.8	Calm	WSW 1	E	NE	8.1
14	57.37	57.16	25.4	30	Calm	SW 3	NE		67.8
15	57.98?	57.24	24.5	31	Calm	SW 2	NE		1.3
16	58.71	57.14	26	31.1	Calm	NW 1	NE	NE	
17	58.18	57.38	26.8	31.5	Calm	SW 2	W		
18	57.41?	58.19	25.8	31.5	NNE 1	SW 3		W	
19	58.79	57.88	26	32	Calm	W 1			
20	58.39	56.87	27.4	32.1	Calm	NW 1	E	W	
21	57.58	57.11	26.5	31.5	Calm	W 3			1.3
22	57.93	58.12	26.5	32	Calm	W 2			5.6
23	59.76	58.35	25.5	31.5	Calm	W 2	NE		19.3
24	59.64	57.20	25.9	31	Calm	SW 1	NE		2.8
25	57.39	56.14	26.1	31.6	Calm	SW 3	W	NW	7.9
26	57.26	56.53	25.6	31.5	Calm	SW 2	SW	W	10.7
27	57.63	55.91	26.4	29.9	NE 1	SW 2			33
28	56.67	56.03	25	30	Calm	NW 1	W		7.4
29	57.97	56.96	25.5	30	Calm	W 1	NE		30
30	56.95	55.21	24.2	30	Calm	SW 1	W	NE	2.5
31	56.99	55.54	26.5	31.5	NNE 1	NW 2			2.5
Mean	58	57.01	25.8	31.4	0.1	2.1			
Total									264.7

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	57.44	56.92	25.9	31	Calm	SW 3		SE	
2	58.18	57.14	25	31.5	Calm	W 1		S	
3	57.08	56.16	26	32	NE 1	NW 2			
4	57.66	56.92	26.4	32.2	Calm	SW 2			
5	57.96	57.16	26.7	32.2	Calm	NW 1			
6	57.23	56.71	26.7	32	Calm	SW 3		SW	
7	58.19	57.56	26	32.6	Calm	NW 2			
8	58.57	57.41	27	32.9	Calm	NW 2			3
9	58.21	57.44	26	32.2	Calm	W 1			
10	58.33	57.11	26.5	32.5	Calm	W 2			
11	58.16	56.46	27	32.8	Calm	W 1			1.5
12	57.68	57.27	26	32.5	Calm	W 3			
13	58.78	58.17	26	32.6	Calm	SW 4		SW	45.2
14	59.23	57.39	25.1	31.2	Calm	SW 3		SE	
15	59.27	58.04	25.4	31	Calm	WNW 2		E	
16	59.17	58.42	25.6	30.9	Calm	SW 2			42.7
17	59.03	57.96	24.2	30.5	Calm	WNW 1		E	1.5
18	58.32	57.33	25.5	30.9	NE 1	SSW 5	SW	S	4.3
19	57.74	56.22	26.1	29.9	S 6	SSW 6	S	SE	1.8
20	55.77	54.90	25.7	30.4	Calm	SW 5		S	
21	54.43	55.06	25.7	27.5	Calm	SSW 4	S	S	4.8
22	54.69	54.08	25.9	31	S 2	S 4		S	
23	56.49	56.43	26.1	31.5	Calm	SW 5		S	2.8
24	58.70	57.78	23.7	30.7	Calm	WNW 1			1.5
25	58.28	56.90	24.8	31.4	Calm	WNW 2		W	19.3
26	57.47	56.32	25.6	30.6	Calm	W 1		E	
27	57.15	56.18	26.1	30.6	Calm	SW 1		SW	12.4
28	57.37	56.56	25.2	30.5	Calm	SSW 1		S	48
29	58.78	57.45	24.5	30.5	Calm	W 1			
30	58.66	57.89	26.4	30.5	Calm	NNW 1			6.6
31									
Mean	57.80	56.91	25.8	31.3	0.3	2.4			
Total									195.4

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	57.17	56.06	24.7	30.5	Calm	W 1		W	
2	55.65	55.20	25	30.9	NNE 1	SW 2		E	
3	56.02	55.74	25	31	Calm	W 1			1.3
4	56.92	56.25	25.1	30.5	NE 1	SW 1		S	
5	57.44	56.54	26	31.2	Calm	NW 1			62
6	57.51	56.29	25.5	29.5	Calm	WSW 1		SW	
7	56.29	55.63	26.2	29.5	Calm	WSW 1	S	W	23.9
8	56.02	54.85	25.5	30	Calm	N 1	E	E	2
9	55.51	54.63	25.9	30.5	Calm	S 4		SW	1.3
10	55.96	55.44	25.6	31.5	Calm	S 3		S	
11	56.41	55.35	26.1	31.5	Calm	SW 2	S		8.6
12	55.81	54.96	25	30	Calm	SW 3		SW	88.9
13	55.67	53.21	25	24.2	SE 1	S 3			64
14	55.50	55.28	24	30	Calm	SW 3	S	SW	
15	57.82	57.82	25	30.1	Calm	W 3	S		9.1
16	59.24	58.83	24	30	Calm	NNW 1		N	2.3
17	57.08	55.18	25	30.5	NNE 1	SW 3		E	1.8
18	56.21	55.91	25.7	30	Calm	W 1			7.1
19	57.65	57.13	24.5	30	Calm	SW 1		NW	28.2
20	58.83	57.79	24.5	29.7	Calm	W 1		W	8.9
21	57.93	56.79	24.5	29	Calm	W 1			3.6
22	56.93	56.04	25	29.7	Calm	SW 1		SW	1.8
23	57.33	56.30	24.5	29.5	Calm	NNW 1		NW	3.8
24	56.36	54.79	25.5	30.1	Calm	W 1		W	28.4
25	55.09	54.75	24.9	30	Calm	SW 2		SW	65.8
26	54.70	54.12	24.5	26.1	NE 1	SSW 1	W	S	69.8
27	51.24	52.29	25.5	25	SSW 3	SW 4	S	S	160
28	49.62	48.80	25.4	26	S 3	S 5	S	S	155.7
29	42.33	49.90	25.5	24.7	SSW 9	W 1	SW	W	95.8
30	54.93	55.93	25.6	27.7	Calm	S 1	W	SW	2.5
31	56.89	57.13	24.5	29.7	Calm	WSW 1	SW	SW	
Mean	55.74	55.32	25.1	29.3	0.6	1.8			
Total									896.6

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	56.82	56.36	25.4	30.5	Calm	SW 3	S		26.7
2	55.76	55.71	26	28.6	S 1	SSW 3		SW	27.4
3	55.32	55.30	24.6	29	Calm	S 3		S	7.4
4	55.82	55.96	25	29.4	SSW 1	SW 3		SW	2.8
5	56.65	56.16	24.4	30.5	Calm	SSW 3		S	29.5
6	56.98	56.58	24.6	30	Calm	SW 3		S	10.9
7	57.21	57.01	26	30.2	Calm	SW 3	SW		
8	57.93	57.50	26.5	31	Calm	SW 4	S		
9	58.59	58.50	25.2	30.8	SSE 1	SSW 3	SW		
10	58.66	58.13	26.4	31.5	Calm	SW 3	SW		
11	58.53	57.32	26.5	31.5	SSE 1	SSW 4			
12	57.68	57.07	26	30.7	Calm	SW 2			
13	58.57	58.20	26.9	30.6	Calm	SSW 1	SW		
14	58.77	58.29	26.5	30.5	Calm	WNW 1		NW	
15	58.31	57.34	25.6	30.5	Calm	W 1			
16	57.26	56.74	25.1	30.2	W 1	W 4		S	
17	56.91	56.61	25.5	30.5	Calm	SW 2			33.5
18	57.16	57.31	25.1	30	Calm	W 1		W	
19	58.16	56.99	25.8	29.8	Calm	W 2			5.1
20	58.38	57.03	24.6	29.9	Calm	SSW 1			
21	58.24	57.86	25.5	30.6	Calm	W 1		NW	6.9
22	58.62	57.16	25	30.9	Calm	NW 2			5.6
23	58.56	57.56	26	30.5	Calm	WSW 1			
24	58.41	56.55?	25.8	31.2	Calm	WSW 2			1.3
25	58.12	57.20	25	31	Calm	W 1		W	
26	57.66	56.24	26	31.5	Calm	WSW 1			
27	57.63	56.74	26.5	31.5	E 1	WSW 1			
28	58.09	57.10	26	30	Calm	SW 1		E	
29	57.90	56.60	24.5	32.2	Calm	WNW 1			
30	57.62	56.90	24.8	31.4	Calm	W 1			
31	57.62	56.54	26.5	31.8	Calm	NW 1			
Mean	57.68	56.99	25.6	30.6	0.2	2			
Total									157.1

CANDON.

[ϕ=17° 12′ N; λ=120° 26′ E; barometer above sea, 6 meters; gravity correction not applied, —1.62 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.91	56.68	26.6	31.8	Calm	NW 1		E	3.3
2	57.76	57.18	25.5	31.2	Calm	WSW 1	S		
3	57.76	57.14	25.6	31.5	Calm	W 1		W	8.1
4	57.76	56.05	25.5	31	Calm	NW 1		NW	23.9
5	56.56	54.98	25.7	30.6	Calm	SW 1		W	22.9
6	55.98	54.63	24.7	29.6	Calm	SW 1		SW	1
7	54.39	53.58	25	30.1	Calm	W 1		W	4.3
8	54.18	52.59	26.5	30.2	Calm	SW 1			14.5
9	54.17	54.15	25.7	30.5	Calm	SSW 2			1.3
10	56.29	55.85	25.2	31	Calm	S 4		S	3.3
11	56.83	55.29	25	30.2	Calm	W 3	SW	SW	14
12	55.88	54.35	24.4	29.8	Calm	SW 1			1.8
13	54.70	54.26	26.1	30.5	Calm	W 2			
14	54.61	53.23	26.9	31	Calm	SW 1		SW	11.4
15	53.11	52.96	26.6	30.7	Calm	S 5	SW	S	4.1
16	55.13	55.56	25.9	27.8	SW 1	SW 2	SW		28.7
17	55.64	54.61	25	25.3	Calm	S 1			17.3
18	53.42	51.94	23.6	25.5	Calm	SSE 2			49.8
19	52.56	51.76	24.6	26.4	Calm	S 4			54.9
20	53.65	54.32	24.5	24.8	Calm	S 2	SW		109
21	55.37	55.73	24.5	27.7	S 2	S 1	SW		
22	57.64	58.08	24.1	30.5	Calm	SW 2			
23	60.50	59.06	27	29.6	Calm	W 1		W	
24	58.85	56.39	26.5	29.9	Calm	NW 2			
25	56.39	55.36	26	30.5	Calm	W 1		W	
26	57.19	56.99	26	30.2	Calm	SW 2		SW	1.8
27	60.87	59.75	24.4	30.6	Calm	WNW 1			
28	60.08	59.73	24.5	30	NNE 1	NW 1			
29	58.58	57.03	24.4	30	Calm	NW 1		NW	
30	57.54	56.78	24.5	30.5	Calm	WSW 1			
31									
Mean	56.38	55.53	25.4	29.6	0.1	1.7			
Total									375.4

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.76	56.80	25.4	30.6	Calm	W 1		W	
2	57.26	54.65	25.5	29.6	Calm	N 1			30.5
3	54.78	54.39	25.5	30	Calm	SW 3	S	S	
4	55.13	54.35	25	29.8	Calm	W 1			
5	55.66	54.38	25.5	26	Calm	NW 1	NW		54.6
6	52.16	53.25	24.1	29.4	SE 1	S 4		S	32.3
7	55.88	55.38	24.5	29.9	Calm	NW 1			3.8
8	58.01	57.46	25.6	29.7	Calm	WNW 1			5.1
9	58.83	56.83	24.7	30	NNE 1	WNW 1			
10	57.78	56.93	25.4	30	Calm	W 1		W	
11	57.76	56.55	25.5	31	Calm	NW 1			
12	59.19	57.55	26.2	31.4	Calm	NW 1			
13	59.58	57.92	26	30.7	Calm	W 1		W	
14	58.76	56.96	25.5	30.9	Calm	W 1			
15	57.11	56.25	25	30.7	Calm	WNW 1			
16	55.97	53.58	25	31	Calm	NNW 3			
17	50.68	44.33	26	26.5	N 1	NW 8	N	NW	210.8
18	38.50	46.56	25.7	23.2	SW 12	S 7			154.9
19	52.30	53.22	22.6	29.5	Calm	S 2			
20	57.18	56.49	24.9	29.4	Calm	W 1			2.5
21	59.51	58.33	26	30.4	Calm	W 1	S	S	
22	59.69	57.66	25.7	30.6	Calm	WNW 1	SW		
23	58.14	54.90	25.5	31	NNE 1	N 2			
24	47.98	50.37	26.9	28.2	NE 4	Calm	NE	SE	
25	56.79	57.13	24	30	Calm	WSW 1			
26	59.82	58.36	25	30.5	Calm	NW 1		NW	
27	59.02	57.43	24.6	29.9	Calm	W 1			
28	58.64	56.63	23.4	30	Calm	NW 1			
29	57.82	56.95	25	30.5	Calm	SW 1			12.7
30	57.63	55.96	24.5	30.7	Calm	S 2		E	
31	58.48	57.71	23.5	29.8	Calm	W 1			
Mean	56.25	55.33	25.1	29.7	0.6	1.7			
Total									507.2

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	59.58	58.30	24.4	30.2	Calm	NW 1			1.3
2	59.53	58.19	24	29.4	Calm	WSW 1			
3	59.23	57.81	23.5	29.8	Calm	W 1		NW	
4	58.88	56.81	24.1	30.5	Calm	NW 1			
5	58.33	56.32	24.7	31	Calm	W 1		W	
6	58.20	54.93	23.8	32.4	Calm	SSE 1			
7	55.24	53.51	25.5	27.2	Calm	N 2	E	E	
8	53.89	53.83	25.4	31.1	Calm	W 1		E	
9	57.36	57.26	25.9	30	Calm	SE 1			2.5
10	59.74	58.69	25.8	29.7	Calm	NW 2			2.5
11	60.39?	59.09	24.2	29.4	Calm	SW 1		SW	2.3
12	60.98	58.95	23.5	29.4	Calm	W 1			
13	60.69	59.18	22.7	30	Calm	NW 1			
14	58	55.59	23.4	31	Calm	NW 3		E	
15	54.63	52.03	55.5	27.6	N 1	N 4			
16	52.83	52.26	25.2	29	Calm	WSW 1	E		27.4
17	54.06	52.56	24	29.6	Calm	NNW 1			
18	54.54	54.36	25	29.3	Calm	Calm		SW	6.6
19	56.34	54.81	24	29	Calm	W 1			
20	56.04	55.50	23.1	29	Calm	W 1			
21	57.30	56.41	23.1	29	Calm	W 1			
22	58.17	57.73	24.6	30.1	Calm	S 2		S	31.7
23	59.36	58.21	25.6	28.2	Calm	NW 1		NW	
24	59.69	57.70	23.6	28.8	Calm	NW 3			
25	59.71	57.93	22.9	30.1	Calm	NE 3			
26	59.57	58.39	22.1	30	Calm	SW 1			
27	60.09	58.52	21.8	29.4	NE 1	W 1			
28	59.83	58.59	22.6	29.5	Calm	SW 1			
29	59.52	59.31	25	30	Calm	SW 1			
30	60.53	59.76	22.2	29.6	Calm	SW 1			
31									
Mean	58.08	56.75	24	29.6	0.1	1.4			
Total									74.3

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	60.49	59.61	22	28	Calm	W 1		W	
2	60.53	58.61	22.6	28.6	Calm	WSW 1			
3	58.83	56.81	23	29.5	NNE 1	NW 3			
4	57.29	54.94	22.1	30.2	NE 1	SW 1			
5	57.05	56.20	22.2	28.8	NE 2	NE 3			
6	58.37	56.95	21	27.7	NE 1	SW 1			
7	59.26	57.30	20.7	28.8	Calm	NW 2			
8	57.92	56.31	20.5	28.5	Calm	WNW 1			
9	57.90	56.36	21	28.8	Calm	NW 1			
10	57.10	55.79	23.5	29.5	Calm	SW 1		S	
11	56.92	56.21	25.2	28.2	Calm	WSW 1	W	SW	6.1
12	58	56.35	23.6	28.8	NNE 1	NW 3		NW	
13	58.50	57.61	23.6	28.7	Calm	N 3		N	
14	59.19	56.85	22.5	29.2	NE 2	N 4			
15	60.50	59.02	23	26.4	Calm	NE 1	W		
16	60.45	59.24	21.5	28.5	Calm	W 1			
17	60.30	58.80	24	29.7	Calm	NW 1	W		
18	60.21	58.75	23.5	29.4	Calm	SW 1			
19	60.25	58.66	21.8	27.6	NNE 1	NE 3			
20	60.37	57.78	19	28	Calm	Calm			
21	58.49	56.69	21.4	30	Calm	S 1			
22	58.30	57.49	21.4	28.6	NE 1	NW 1			
23	59.17	58.60	22.2	28.5	Calm	SW 1			
24	59.93	60.21	23	27.7	NNE 1	NE 1	W		
25	61.86	60.23	22.5	29.4	NNE 1	NE 3			
26	61.78	60.98	22.2	29.5	NE 4	NE 3			
27	62.92	62.55	20.5	27.6	NE 2	W 1			
28	63.90	62.79	20.5	28.2	Calm	SW 1			
29	62.11	60.68	23.1	29.4	Calm	W 1			
30	60.81	58.50	23.1	29	Calm	W 1			
31	59.86	57.90	23.2	29	Calm	W 1			
Mean	59.63	58.22	22.2	28.7	0.6	1.5			
Total									6.1

LAOAG.[1]

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 13 meters; gravity correction not applied, —1.58 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	60.15	58.01	20.7	30	E 1	ENE 2		NE	
2	59.39	57.32	19.3	30.1	NE 1	NNE 2			
3	58.51	57.37	21.4	30.3	E 1	ENE 1		NE	
4	58.71	57.03	23.3	30.4	E 1	E 1			
5	58.60	57.31	21.3	30.3	ESE 1	NNW 2		SE	
6	58.12	57.12	20.8	30.1	E 1	W 1			
7	58.28	57.76	20.9	31.1	EbyS 1	SSW 1			
8	59.66	57.84	21.4	30.9	E 1	SW 1			
9	60.81	59.27	20.9	31.3	EbyS 1	NNE 3		E	
10	60.96	59.29	19	29.3	E 1	W 1			
11	60.27	59.26	20.5	31	EbyS 1	SW 1			
12	59.85	58.63	21.5	28.9	ESE 1	NE 4	W	ENE	
13	59.77	58.35	18.4	27.3	EbyS 1	NNE 4			
14	60.20	59.19	22	28.4	NE 1	NE 4	NEbyE		
15	61.34	59.92	19.4	31.3	NNE 1	E 2			
16	61.33	59.90	19.9	29.5	ESE 1	NNE 3			
17	60.77	59.09	16.7	30.5	ENE 1	E 1		E	
18	60.49	58.73	16.4	30.9	E 1	NNW 1			
19	60	59.32	20.9	30.8	EbyS 1	W 1			
20	61.59	60.91	22.1	29.3	E 1	NNW 2			
21	61.45	59.76	21.2	31.4	E 1	NE 2			
22	60.98	59.79	20.6	31.3	EbyS 1	NE 4			
23	60.99	58.59	19.5	32.9	E 1	EbyN 3			
24	60	59.37	22.8	30.1	E 1	SW 1			
25	60.87	59.39	21.5	28.6	EbyS 1	NNE 4			
26	60.31	58.63	20.9	30	E 1	NNE 1		E	
27	59.32	58.34	20.2	29.5	E 1	NNW 2			
28	59.61	58.42	22.7	27.8	ESE 1	NE 4	WSW		
29	59.21	58.15	18.1	27.1	ESE 1	NE 5			
30	59.12	57.67	16.7	32.4	ENE 1	ESE 1			
31	59.19	58.45	18	29.3	EbyS 1	NNE 2			
Mean	60	58.65	20.3	30.1	1	2.2			
Total									

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	59.46	58.28	18.7	28.7	EbyS 1	NNW 2			
2	59.77	58.97	20	29	E 1	NNE 1			
3	59.94	58.22	19.3	28.5	E 1	NE 4			
4	60.42	58.90	21.4	30.9	E 1	NE 5	NE		
5	60.95	60.10	19.1	31.9	NNW 1	NE 5			
6	61.84	60.56	18.9	31.4	E 1	NE 5			
7	62.79	60.24	18.7	32.7	NNE 1	E 2			
8	62.58	60.43	21.3	29.3	E 1	NbyW 1	N		
9	62.93	60.93	22.9	29.4	E 1	NEbyN 2	N		
10	62.28	60.13	19.8	31.2	E 1	NNE 1			
11	62.77	60.37	20.3	31	ESE 1	NE 4			
12	63.43	61.46	22.4	30.3	NNE 2	E 6			
13	62.94	60.62	22.3	31.3	NE 1	EbyS 4			
14	61.88	60.16	20.5	28.9	NE 1	NbyW 1			
15	60.59	59.13	21.4	29.8	ESE 1	NNW 2	SSW		4.1
16	61.14	60.17	22.6	29.3	E 1	NNW 2			
17	60.24	58.60	20.7	31.7	EbyS 1	NE 2			
18	59.80	58.86	20.8	29.9	EbyN 1	NE 1			
19	59.27	58.26	22	29.3	ESE 1	SSW 2		WSW	2.5
20	59.67	59.18	22.5	29.3	EbyS 1	NW 1		SW	
21	59.61	57.05	21.9	34.7	SE 1	NE 3		EbyS	
22	59.36	58.41	22.3	32.3	E 1	NNE 2			
23	59.57	58.57	22.5	30.4	E 1	NE 2		NNW	
24	58.87	57.86	22.1	30.9	ESE 1	NW 2		W	
25	59.76	58.46	22.2	30.9	EbyS 1	NbyE 4			
26	59.49	59.45	22.3	31	ESE 1	SW 1		WbyS	
27	60.25	59.28	22	30.1	EbyS 1	NE 2			
28	60.12	58.97	21.3	30.5	E 1	NNW 2			
Mean	60.78	59.34	21.2	30.5	1	2.5			
Total									6.6

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	59.72	57.98	20.3	31.3	EbyN 1	NbyE 4			
2	59.73	58.52	20.3	33	E 1	NNW 2			
3	59.40	58.25	20.7	32	EbyS 1	SW 2			
4	60.31	58.16	22.1	31.1	E 1	NNW 2	W		
5	59.99	58.58	20	31.1	E 1	NW 2		W	
6	60.69	59.36	22.7	30.5	EbyS 1	SbyW 2			
7	60.16	58.28	21.5	31.9	ESE 1	NNE 3			
8	59.96	57.53	21.9	31.3	E 1	W 2			
9	59.06	57.81	21.9	31.1	ESE 1	NbyW 2		W	
10	59.26	57.70	20.5	31.3	ESE 1	NNE 2			
11	58.87	57.05	20.4	31.5	E 1	NNE 2		W	
12	58.42	57.42	21.7	31.6	ESE 1	NEbyN 3			
13	58.57	56.95	20.9	33.3	EbyN 1	NNW 2			
14	60.47	59.02	22.6	33.5	ESE 1	SSW 1		W	
15	60.99	58.86	20.3	34.4	EbyN 1	NNW 2		EbyN	
16	60.34	58.75	22.9	31.5	E 1	NNW 2	NW	NWbyW	
17	59.65	58.25	23.7	31.8	EbyN 1	WSW 4	W		
18	59.19	57.22	21.3	35.4	NE 1	E 1			
19	59.85	58.81	22.9	31	S 1	NNE 2			
20	60.15	58.92	22.5	31.5	EbyS 1	WNW 2		NNW	
21	59.32	57.36	22	34.3	E 1	NE 2			
22	58.95	57.47	24.9	35.9	E 1	E 5			
23	58.11	56.24	21.9	34.1	EbyN 1	NNW 2			
24	58.44	57.36	23.9	31.3	ESE 1	N 4			
25	60.04	59.37	25.5	30	NNE 2	NNE 6		W	
26	62.12	60.52	25.7	31.9	NNE 4	NNE 6			
27	61.77	59.83	23	35	NNE 1	SE 6			
28	61.89	59.24	22.3	34	ESE 1	NNE 2			
29	61.06	59.73	23	32.7	E 1	ENE 2			
30	60.47	59	23.3	31	E 1	WSW 1		SW	
31	59.83	58.73	23.2	32.5	EbyS 1	ENE 2			
Mean	59.90	58.33	22.3	32.3	1.1	2.6			
Total									

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	59.60	59.16	21.9	31.5	E 1	WNW 2			
2	59.85	59.21	22.9	31.1	NNE 1	NNE 2			
3	60.38	59.72	23.4	30.9	SE 1	NE 3			
4	60.40	59.37	20.5	33	NNE 1	NE 2			
5	59.66	58.52	19.9	31.7	ESE 1	NNW 2			
6	59.38	58.73	20.9	29.5	E 1	NEbyN 2		WbyS	1.3
7	58.50	57.76	23.4	28.5	NNE 1	NNE 2			
8	58.25	57.44	22.1	31.5	E 1	W 2	SW	SWbyW	
9	59.15	58.11	22.7	30.3	EbyS 1	S 2			
10	60.02	58.27	21.7	31.4	ESE 1	SSW 2			
11	59.16	58.38	21.4	34.4	ESE 1	SbyW 2			
12	59.84	59.36	22.7	33.3	ESE 1	SW 2			
13	59.70	59.03	22.9	32.1	ESE 1	SSW 2		W	
14	59.45	58.76	22.9	31.6	ESE 1	SW 2			
15	59.65	58.11	22	31.1	ESE 1	NE 3			
16	58.44	56.54	21.5	34	EbyS 1	NNE 2			
17	58.53	57.44	23.7	31.9	ESE 1	SW 2			
18	58.38	58.24	23.9	33.1	EbyN 1	NW 2			
19	59.03	57.46	23.7	32.9	EbyS 1	NNE 2			
20	57.81	56.81	22.8	31.9	SE 1	NNW 2			
21	58.32	57.66	22.7	32.3	E 1	WSW 2			
22	58.37	57.30	21.9	31.9	EbyS 1	WbyN 2			
23	58.30	57.60	22.4	32.5	E 1	NW 2			
24	58.35	56.53	21.9	33.5	ESE 1	NNE 2			
25	58.50	57.61	21.6	32.3	E 1	NW 3			
26	58.59	57.89	23.5	30.9	ESE 1	WNW 2		W	
27	58.54	57.60	23.3	31.5	ESE 1	NNW 2			
28	57.84	57	21.9	32.3	EbyS 1	NbyW 3			
29	58.04	56.70	22	32.5	E 1	NNE 3			
30	58.31	56.49	22.4	34.4	EbyS 1	NW 2			
Mean	58.94	57.96	22.4	32	1	2.2			
Total									1.3

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[1] The barometric readings of this station seem to be about 0.55 mm. too low.

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 13 meters; gravity correction not applied, —1.58 mm.]

Day.	MAY.									JUNE.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	57.84	56.42	24.1	34.3	NE 1	NNW 2	------	SEbyE	------	57.23	56.95	24.9	31	ESE 1	SW 2	------	W	1
2	57.69	57.33	24.9	33.5	SEbyE 1	SW 2	S	W	17.8	58.10	57.19	24.4	32.6	ESE 1	SSW 1	------	------	------
3	59.01	58.18	23.2	31.9	EbyS 1	SW 2	------	------	------	57.19	56.30	24.5	33.4	E 1	SSW 2	------	------	------
4	58.40	57.74	24.3	32.5	E 1	NNW 2	------	------	------	57.63	56.80	26	32.9	E 1	SW 2	------	W	------
5	57.89	56.88	24.2	32.3	ESE 1	NNW 2	W	W	------	57.83	56.22	25	33.1	E 1	NNW 2	------	W	------
6	57.36	56.31	24.3	32.4	ESE 1	NNW 3	------	------	------	57.52	56.48	25.4	33.9	E 1	SW 2	------	------	------
7	57.18	56.48	24.9	32.7	E 1	NbyE 2	------	W	------	58	57.78	25	32.5	EbyS 1	SW 2	------	------	------
8	56.89	55.64	24.9	33.3	E 1	NNW 2	------	------	------	58.38	57.50	25.9	32.9	E 1	SW 2	------	------	------
9	56.64	56.57	25.1	32.9	E 1	SSW 2	------	W	------	57.93	57.77	25.3	33.1	ESE 1	NNW 2	------	NW	------
10	58.40	56.73	24.9	32.9	EbyN 1	N 3	------	W	------	58.13	57.05	25.1	33.4	ESE 1	SSW 2	------	------	------
11	58.72	57.18	25.9	33.4	SSE 1	SW 2	W	W	4.1	57.92	56.47	25.7	33.3	SE 1	SW 2	------	W	------
12	58.80	57.94	24.5	29.3	E 1	NNE 2	------	------	1	57.35	57.09	24.6	33.4	E 1	SW 2	------	NW	------
13	57.99	56.48	23.7	33.1	SSE 1	SSW 1	------	------	15.7	58.38	58.43	25.5	31.9	ESE 1	SSW 2	------	------	13
14	57.31	56.32	24.5	31.5	EbyN 1	SSW 2	------	W	8.4	58.81	57.85	23.5	31.5	ESE 1	SW 2	------	NW	3.6
15	57.13	56.95	23.9	31.5	SE 1	SSW 1	------	------	1.5	58.91	58.38	24.1	32.3	E 1	SW 2	------	W	45.5
16	58.70	57.41	25.1	31.5	EbyN 1	NNW 2	------	NW	------	58.18	58.49	24.3	30.3	ESE 1	WSW 1	------	NW	4.3
17	58.19	57	25.7	32.9	EbyN 1	SSW 2	------	NNW	------	58.75	57.66	23.9	30.5	ESE 1	SW 2	------	SW	5.1
18	58.08	58.08	25.7	30.9	E 1	SW 2	------	W	------	58.28	56.91	24.1	30.3	SSE 1	S 5	------	S	4.6
19	58.99	57.50	24.5	32.5	ESE 1	SSW 2	------	W	.8	56.65	55.58	24.5	32.5	ESE 1	S 4	------	SW	3.6
20	58.39	56.63	24.9	33.7	E 1	SW 2	------	------	------	55.47	54.24	24.4	32.1	ESE 1	SSW 6	------	W	.8
21	56.94	56.79	26.3	34	ESE 1	S 2	------	SW	------	54.30	54.48	24.5	24	SSE 2	SSE 3	------	S	33
22	58.09	57.97	24.9	33	E 1	SSW 2	------	SW	1.5	54.70	53.91	24	32.7	ESE 2	SSW 4	S	S	4.8
23	59.45	58.22	24.5	33.9	ESE 1	SSW 2	------	------	16.8	56.33	57.13	24.5	29.9	E 1	S 1	------	------	5.1
24	59.06	57.13	24.5	32.9	E 1	NW 2	------	------	------	57.93	57.56	22.4	30.9	ESE 1	S 2	------	NW	61.7
25	57.36	55.79	24.5	32.5	ESE 1	SbyW 2	------	------	------	58.19	56.61	23.1	33	E 1	SSW 2	------	S	2.5
26	56.89	55.93	24.9	34	ESE 1	W 4	------	------	37.3	57.42	56.04	24.9	31.7	SSE 2	WSW 2	------	------	11.2
27	57.18	56.02	25.5	26.9	E 1	S 1	------	SSW	24.9	56.85	55.95	24.9	31.9	E 1	SSW 2	------	W	18.8
28	56.73	56.42	24	29.9	E 1	N 2	------	------	8.4	57.03	56.32	23.5	32.1	SSE 1	SW 2	------	------	14.2
29	57.78	57.02	24.3	31	ENE 1	SSW 2	SSW	------	7.1	58.54	57.44	23.6	31.9	E 1	WSW 1	------	------	------
30	57.25	55.40	23.9	31.5	ESE 1	SSW 1	------	------	------	58.83	57.95	25.3	28.9	E 1	ESE 2	------	------	2.8
31	56.79	55.95	25.4	31.5	EbyS 1	NNW 2	------	------	------	------	------	------	------	------	------	------	------	------
Mean	57.84	56.85	24.7	32.3	1	2	------	------	------	57.56	56.82	24.6	31.8	1.1	2.3	------	------	------
Total	------	------	------	------	------	------	------	------	145.3	------	------	------	------	------	------	------	------	235.6

Day.	JULY.									AUGUST.								
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	56.91	55.92	22.9	31.9	ESE 1	SW 2	------	------	1.3	56.39	56	23.7	29.7	E 1	SW 3	------	W	------
2	55.51	55.16	23.7	30.9	SE 1	WSW 2	------	------	------	55.32	55.36	25	26.9	E 1	S 3	------	SW	16.5
3	56.08	55.81	23.7	30.5	SE 1	W 1	------	NNW	.8	54.86	54.93	23.9	28.5	ESE 1	SSW 3	------	W	5.1
4	56.85	55.91	24.3	32.1	SE 1	SW 2	------	E	------	55.44	55.35	23.7	29.4	E 1	S 3	------	SW	52.1
5	57.44	56.51	25.5	30.4	E 1	NW 2	------	NW	26.2	56.19	55.60	23.9	31.3	E 1	SW 3	------	------	9.7
6	56.97	56.45	24.3	30.5	EbyS 1	WSW 2	------	N	4.3	56.73	56.27	24.1	29.3	ESE 1	S 4	------	SW	------
7	55.96	55.92	23.9	24.3	ENE 1	WSW 2	------	S	7.9	56.60	56.39	24.9	31.4	S 1	SSW 4	------	SW	5.3
8	56.10	54.74	24.9	31.9	NE 1	SSW 2	------	SE	.8	57.32	56.81	25.3	30.6	S 1	SSW 5	SW	SW	1.5
9	55.64	54.31	25.1	31.9	E 1	SW 2	------	SE	18.3	57.30	57.85	24.9	30.5	S 1	SSW 4	------	SW	1.8
10	55.78	55.19	23.9	31.3	ESE 1	S 3	------	------	------	57.67	57.46	26.1	30.3	SSW 2	SSW 4	------	------	------
11	56.05	55.01	24.4	31.4	SE 1	SSW 3	------	SE	3.6	57.79	56.75	24.9	32.1	SSE 1	SSW 4	------	SW	------
12	55.74	54.64	23.1	31.3	E 1	SW 2	------	ESE	117.6	56.94	56.12	23.7	32.1	ESE 1	SSW 3	------	------	------
13	54.54	49.98	23.6	23.9	E 1	SE 8	------	S	83.8	58.05	57.81	23.9	32.1	EbyS 1	SW 2	------	------	------
14	55.56	55.50	23.4	31.3	ESE 1	W 2	------	------	14	58.55	58.31	24.9	31.3	ESE 1	SW 2	------	------	------
15	57.92	57.63	23.5	30	SE 1	NW 2	------	------	5.3	57.95	57.24	23.9	31.5	ESE 1	WSW 2	------	------	------
16	59.02	58.48	22.9	30.3	ESE 1	NW 2	------	W	------	57.04	56.05	23.5	31.5	ESE 1	SW 2	------	------	------
17	57.26	55.65	23.9	33.9	SSE 1	ENE 4	------	E	------	56.32	26.05	23.9	32	SSE 1	SSW 2	------	W	------
18	55.80	55.53	25	29.3	SSE 1	SSW 2	------	NW	2.8	57.03	57.01	24.1	30.6	E 1	WSW 2	------	------	2
19	57.94	56.79	23.9	30.5	ESE 1	WNW 2	------	NW	43.2	58.14	57.50	23.9	31.4	ESE 1	SW 2	------	------	------
20	59.03	57.51	23.5	28.4	E 1	NNW 2	------	NW	1	58.14	56.92	24.5	29.7	ESE 1	SW 2	------	------	1.5
21	57.59	56.45	23.5	32.1	SE 1	WSW 2	------	------	5.6	58.20	57.83	23.4	29.9	ESE 1	SW 2	------	------	17
22	56.63	55.92	23.9	29.9	ENE 1	SW 2	------	NW	17.3	58.40	57.44	23.5	31.1	ESE 1	W 2	------	------	------
23	57.34	56.40	23.8	29.4	ESE 1	NNW 2	------	------	1.5	58.05	57.35	24.1	31.5	ENE 1	NW 2	------	------	------
24	56.51	54.75	24.4	30.5	E 2	NW 2	------	------	4.6	58.10	57.59	24.5	32.3	ENE 1	W 2	------	NW	.8
25	55.36	54.54	24.3	26.5	ENE 1	SSW 2	------	------	18.3	58.16	56.80	22.9	33.4	E 1	NNW 2	------	------	1.3
26	54.76	53.62	23.7	24.9	S 1	S 1	------	------	83.1	57.39	56.31	24.4	32.1	ESE 1	NW 2	------	------	------
27	50.52	51.49	24.3	24.9	S 2	ESE 4	S	S	49.3	57.48	56.64	24.7	32.4	ESE 1	SW 2	------	WNW	------
28	50.04	47.82	23.4	28.7	S 3	S 6	S	S	72.1	57.80	56.83	24.3	31.5	E 1	SW 2	------	WNW	15.2
29	39.14	47.45	23.7	24.8	NE 7	W 9	------	W	100.6	57.48	56.87	22.7	31.7	ESE 1	NNE 2	------	------	------
30	53.92	55.08	26.4	29.5	WSW 3	SW 3	W	W	1.5	57.39	56.48	23.9	32.3	ESE 1	WSW 2	------	------	.8
31	56.59	56.81	24.5	31.5	SSE 1	WSW 2	------	SW	------	57.65	56.78	24.5	32.1	E 1	WSW 2	------	------	------
Mean	55.50	54.93	24	29.6	1.4	2.7	------	------	------	57.29	56.73	24.2	31	1	2.6	------	------	------
Total	------	------	------	------	------	------	------	------	684.8	------	------	------	------	------	------	------	------	130.6

LAOAG.

[φ=18° 12′ N; λ=120° 35′ E; barometer above sea, 13 meters; gravity correction not applied, —1.58 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*					*mm.*
1	57.65	56.99	24.5	32	E 1	WNW 2	------	------	------
2	57.70	57.16	23.9	31.4	E 1	NNW 2	------	NW	4.3
3	57.38	56.90	24	31.3	ESE 1	W 2	------	NW	------
4	57.49	56.30	24.3	31.3	SSE 1	NNW 2	------	NW	------
5	56.23	55.33	24.3	31.3	E 1	WSW 2	------	NW	8.1
6	55.90	54.20	23.6	30.5	EbyN 1	WSW 2	------	W	9.9
7	54.29	53.32	22.9	31.1	ENE 1	W 2	------	NW	------
8	53.96	52.39	24.9	30.9	E 1	W 2	------	NW	17
9	54.40	53.90	25.7	29.9	SSE 2	SSW 3	------	------	------
10	55.60	55.46	24.4	31.3	ESE 1	SbyW 3	------	------	------
11	55.99	55.20	23.9	31.7	EbyS 1	SW 2	------	W	2
12	55.79	54.17	23.5	30.5	E 1	WSW 2	------	W	20.3
13	54.85	54.07	23.5	31.3	SE 1	SW 2	------	W	------
14	54.14	52.70	25.3	30.7	ESE 1	SSW 3	------	------	57.7
15	52.23	52.63	25.1	29.4	SSW 2	S 4	SW	------	4.1
16	55.04	54.77	25	28.7	EbyN 1	S 3	------	W	3
17	55.04	53.39	24.3	28.5	NE 1	EbyN 2	------	------	3.3
18	52.90	50.58	23.3	29.9	ESE 1	SSE 5	------	------	20.6
19	51.64	50.97	24.3	29.7	S 1	SbyW 3	------	SE	170.2
20	53.29	53.25	23.4	24.9	ESE 2	SSW 4	S	SE	60.2
21	54.75	55.08	23.7	27.6	SE 2	S 4	------	------	17
22	57.53	57.75	23.5	31.7	SbyE 1	SSW 3	------	------	------
23	59.87	58.67	25.4	30.9	SbyW 1	WSW 2	------	------	------
24	58.66	56.34	24.3	31.5	ESE 1	NW 2	------	------	------
25	56.59	54.97	24.9	31.3	E 1	WNW 2	------	------	------
26	56.81	56.89	24.5	31	SSE 1	WSW 2	------	------	31.2
27	60.38	59.80	23.5	30.9	EbyS 1	NW 2	------	E	3
28	60.37	59.55	22.4	29.9	E 1	WSW 2	------	------	10.9
29	58.59	56.53	22.9	31.9	E 1	WNW 2	------	------	------
30	57.58	56.11	23.3	33.4	ESE 1	SW 2	------	------	------
31	------	------	------	------	------	------	------	------	------
Mean	56.09	55.18	24.1	30.5	1.1	2.5	------	------	------
Total	------	------	------	------	------	------	------	------	442.8

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*					*mm.*
1	57.65	56.15	23.3	35.1	NE 1	NW 2	------	------	3
2	56.98	54	23.9	26.9	EbyN 1	W 2	------	NW	121.4
3	54.62	54.16	23.9	30.8	ESE 3	S 4	------	------	2.5
4	55.02	54.54	23.9	29.7	E 1	SW 2	------	------	9.4
5	55.33	53.50	23.4	23.7	NbyW 1	NNE 2	------	------	101.9
6	51.85	53.38	22.8	28.3	SSE 1	NW 1	------	------	4.6
7	56.09	55.47	22.9	31.3	ENE 1	NNE 2	------	------	------
8	58.84	57.23	23.9	28.7	SW 1	WSW 2	------	------	23.9
9	58.90	56.92	23.3	30.1	E 1	NW 2	------	------	------
10	58.01	56.51	23.3	31.9	E 1	SW 2	------	------	------
11	57.30	55.96	24.3	33.7	SSE 1	NE 2	------	------	------
12	59.24	57.59	23.7	31.1	E 1	NNW 2	------	------	------
13	59.30	57.84	24.3	30.7	ESE 1	NNW 2	------	W	------
14	58.64	56.59	24.4	32.9	E 1	WSW 2	------	------	------
15	57.10	55.65	22.4	34.4	SSE 1	NNE 3	------	------	------
16	56.28	54.42	25.5	28.4	NNE 3	NE 5	ENE	------	2.5
17	50.22	42.57	26.3	------	NNW 7	NW 10	N	N	382.7?
18	31.85	43.67	------	------	S 10	SSE 10	------	S	186.2
19	50.42	53.08	------	------	Calm	SSW 3	------	------	------
20	57.10	56.26	------	------	ESE 1	SW 2	------	------	------
21	59.34	58.32	------	------	ESE 1	WNW 1	------	------	------
22	59.65	57.85	------	------	ESE 1	WNW 2	------	------	------
23	58.55	55.65	------	------	E 1	NNE 4	------	------	------
24	51.91	50.73	------	------	E 6	ESE 6	NE	SE	1.5
25	56.60	56.90	24.3	31.3	ESE 1	WNW 2	------	------	------
26	59.81	57.82	23.9	31.4	ESE 1	W 2	------	------	------
27	59.10	56.96	22.9	33.5	ESE 1	WSW 2	------	------	------
28	58.89	56.20	23.1	32.6	ESE 1	WSW 2	------	------	------
29	57.65	56.19	23.7	31.9	EbyS 1	SW 2	------	------	19.3
30	58.04	56.01	23.7	33	NE 1	ENE 4	------	------	------
31	58.70	57.29	22.9	34	E 1	ESE 2	------	------	------
Mean	56.10	55.01	23.8	31.1	1.7	2.9	------	------	------
Total	------	------	------	------	------	------	------	------	858.9?

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*					*mm.*
1	59.40	57.92	21.5	31.5	NE 1	W 2	------	------	------
2	59.40	57.96	22.3	30.4	ESE 1	WSW 2	------	------	------
3	59.14	57.41	22.3	31.1	EbyS 1	WNW 2	------	------	------
4	58.96	56.24	22.4	34.7	E 1	NNW 2	------	------	------
5	58.41	56.71	25.4	31.3	NE 2	NNE 4	------	------	------
6	58.98	55.80	23.9	32.4	SE 2	ESE 2	------	------	------
7	56.71	55.31	25.3	25.7	NE 2	N 2	------	------	3.3
8	54.69	54.07	------	30.7	ENE 2	ENE 2	------	------	------
9	56.93	57.12	24.3	28.9	E 1	SW 1	------	------	3
10	59.71	58.61	23.9	29.9	SE 1	SW 2	------	------	19
11	59.51	58.82	22.9	30.9	ESE 1	W 1	------	------	3.8
12	60.83	58.50	22.1	33.1	E 1	E 2	------	------	------
13	60.82	58.79	21	33.5	ENE 1	NE 2	------	------	------
14	59.26	56.59	25.3	29.4	NE 3	NE 5	------	------	------
15	55.49	53.88	25.7	27.1	NNE 4	NNE 5	------	------	20.1
16	53.21	51.59	26.3	30.3	NNE 3	NNE 4	------	------	12.7
17	53.81	52.83	23.9	31.3	EbyS 1	NNW 2	------	------	2
18	55.02	54.62	24.3	28.9	E 1	N 2	------	------	1.5
19	56.23	54.99	23.5	27.5	N 2	NNE 4	------	N	13.2
20	56.31	54.82	22.1	31.7	ESE 1	NNE 3	------	E	14
21	57.32	56.63	22.1	29.3	ENE 1	WSW 2	------	------	------
22	58.03	57.36	23.7	30.9	EbyS 1	S 3	------	------	9.9
23	59.30	58.26	24.5	27.5	SE 1	WSW 2	------	------	2
24	59.96	57.90	23.7	30.5	EbyN 1	NNE 4	------	------	------
25	60.37	59.39	23.9	28.5	NNE 4	NNE 4	------	------	------
26	60.37	58.49	19.4	30.5	NE 1	E 4	------	------	------
27	60.05	58.03	18.1	32.5	NE 1	ESE 4	------	------	------
28	60.07	58.16	19.9	33	SSW 1	ESE 4	------	------	------
29	60.01	59.78	23.9	29.3	E 1	NE 3	------	------	------
30	60.52	59.97	22.4	30.7	NNE 2	ENE 3	------	------	------
31	------	------	------	------	------	------	------	------	------
Mean	58.29	56.88	23.1	30.4	1.5	2.8	------	------	------
Total	------	------	------	------	------	------	------	------	104.5

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*					*mm.*
1	60.52	59.03	20.1	32.5	NE 1	ESE 3	------	------	------
2	60.48	58.25	21.5	32.1	E 1	NNE 2	------	------	------
3	59.14	57.81	20	28.5	NE 1	NE 5	------	------	------
4	57.98	56.03	19.3	28.9	NNW 1	ENE 5	------	------	------
5	58.06	56.97	21.4	28.1	N 1	NE 5	------	------	------
6	59.03	57.40	16.7	27.9	SE 1	EbyN 4	------	------	------
7	59.38	57.52	17.9	31	EbyN 1	NE 3	------	------	------
8	58.11	------	20.9	------	NNE 1	------	------	------	------
9	58.02	56.06	20	29.4	E 1	ENE 3	------	------	34.8
10	57.95	55.63	23	28.5	E 1	NE 4	------	------	11.2
11	56.82	55.97	23	28.7	E 1	SSW 2	------	------	1
12	58	56.81	22.9	28.5	E 1	NE 2	------	------	------
13	59.37	59.03	23.7	25.9	NE 2	N 5	------	N	------
14	60.02	57.73	21.7	29.9	N 2	ENE 4	------	------	------
15	60.40	59.55	20.5	25.9	SE 1	N 5	------	------	7.6
16	60.85	59.91	22.5	26.3	NNE 1	N 5	------	NE	------
17	59.97	59.43	22.3	28.3	NNE 2	NE 5	------	------	------
18	60.16	59.19	23.3	29.5	NNE 3	ENE 4	------	------	------
19	61.16	59.51	20.1	27.3	NNE 2	NE 4	------	------	------
20	60.50	58.22	19.5	29.3	ESE 1	NE 4	------	E	------
21	59.45	57.50	21.4	30.5	ENE 1	ENE 2	------	------	------
22	58.58	57.39	16.3	31.5	SSE 1	E 3	------	------	------
23	59.10	58.48	20.3	29.9	ESE 1	NE 3	------	------	------
24	60.10	60.46?	19.9	27.1	NE 1	NE 3	------	------	------
25	62.43	61.49	22.9	28.3	NNE 3	ENE 4	------	------	------
26	63.03	62.47	21.7	27.5	ENE 3	ENE 5	------	------	------
27	63.04	62.57	16.7	30.1	E 1	E 3	------	------	------
28	63.76	62.14	16.9	32.5	E 1	ESE 3	------	------	------
29	61.89	60.62	22.3	29.9	E 1	SSW 2	------	------	------
30	60.59	58.48	22.9	29.1	E 1	NNW 2	------	------	------
31	59.25	57.98	22.1	30.5	EbyS 1	ESE 3	------	------	------
Mean	59.91	58.65	20.8	29.1	1.3	3.6	------	------	------
Total	------	------	------	------	------	------	------	------	54.6

SANTO DOMINGO.

[ϕ=20° 28′ N; λ=121° 59′ E; barometer above sea, 18.7 meters; gravity correction not applied, —1.49 mm.]

Day.	JANUARY.									FEBRUARY.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6. a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.	mm.	mm.	°C.	°C.					mm.
1	63.72	62.47	21.4	23.4	NE 2	NE 3	NEbyE	NE	6.4	60.59	59.74	23.1?	26	SE 1	SE 3	SE	SE	------
2	62.19	60.75	23 ?	25	E 3	ESE 4	E	ESE	3.6	60.78	60.18	23.3?	25.9	SE 3	SE 2	SE	SE	------
3	60.07	58.83	23.6	25.4	SEbyS 4	SEbyS 5	SE	SEbyS	.7	60.15	59.67	21.5	27	Calm	WNW 1	S	NW	------
4	59.09	58.17	24	27.1	SEbyS 3	SSE 3	SSE	SbyE	.4	61.50	63.12	22.2	22.4	NE 8	NE 4	NE	NEbyN	2
5	58.83	57.80	25	28	S 1	S 1	S	SSW	------	64.95	65.20	20.8	22.6	NE 3	NE 4	NE	NEbyE	.5
6	59.43	58.80	23	27.2	Calm	EbyS 1	------	ESE	------	64.98	64.58	22.2?	24.4	ENE 1	ENE 3	NE	NE	1.3
7	58.86	58.66	24	27	SE 2	SE 2	SEbyS	SSE	------	66.17	65.20	20	20.6	NE 1	NE 3	NE	NE	30.5
8	60.80	60.04	23.1	25	NE 1	NE 2	NE	NEbyE	2.5	64.77	62.11	21.5	24.5	E 3	SE 3	E	SE	1.8
9	61.88	61.57	22.7	26	Calm	E 1	------	E	2.8	62.48	61.79	22	25	Calm	N 2	W	N	------
10	63.09	62.15	23.2	26.2	E 1	ENE 1	E	ENE	------	63.96	62.75	22.4	25.4	ESE 2	ESE 2	ESE	Variable	------
11	61.84	60.75	23.5	25.2	ESE 1	SE 2	ESE	SE	1.8	63.87	63.27	19.4	25.6	Calm	NW 1	------	Variable	.5
12	59.80	59.13	23.3	26.5	N 2	N 2	N	N	.3	66.28	65.52	20.4	23.3	NE 4	NE 4	NE	NE	1.5
13	59.98	59.87	22.4	22.5	NE 2	NE 2	NE	NE	18.3	66.62	65.67	19.5	20.5	NE 4	NE 4	NE	NE	------
14	62.51	63.05	20	21.5	NE 3	NE 3	NNE	NE	3.6	65.04	62.93	20.2	23.6	ENE 2	EbyN 3	ENE	ENE	------
15	64.44	63.66	19.4	22.1	NE 2	NE 3	NE	NE	------	62.53	62.08	22.4?	23	E 1	E 1	EbyN	E	8.4
16	64.01	63.17	20.6	23.8	NE 1	NE 2	NE	NE	------	62.04	62.17	22	22.4	E 1	NE 1	E	NE	16.5
17	62.81	61.76	21.1?	24.3	ENE 2	EbyN 1	ENE	ENE	4.8	63.20	62.75	21	23.5	NE 2	NE 2	NE	NE	8.5
18	61.94	61.67	22.5?	23	E 2	E 2	ENE	EbyN	.4	62.35	61.12	23.3?	25.5	E 3	EbyS 3	EbyS	ESE	------
19	61.22	60.52	24.5?	26.8	ESE 3	SE 3	ESE	SE	------	59.39	59.38	24.6	27	SE 4	SE 3	SE	SSE	------
20	60.84	61.69	24.9	23.4	S 2	N 3	S	NNE	8.4	59.44	59.38	24.5	27.2	Calm	N 3	SW	N	------
21	62.42	62.04	22.6	25	NE 1	NE 2	NE	NNE	10.6	61.74	60.99	22.5	23.5	NE 3	NEbyE 3	NE	ENE	1.3
22	62.95	63.13	22.7	23.5	NE 2	NE 3	NE	NEbyN	17.8	61.58	61.25	22.4	22.6	Calm	NE 1	ENE	NE	10.2
23	63.42	62.85	21.8	22.2	ENE 1	E 3	ENE	EbyN	11.4	60.39	59.48	23.2	27.2	ESE 2	SE 3	ESE	SSE	5.1
24	61.38	60.37	23	26.4	SE 2	SSE 2	SE	SSE	26.1	58.90	58.21	23.6	27.4	NE 1	ENE 1	NNE	ESE	------
25	60.38	59.94	22.4	24.4	NNE 1	NW 2	NNW	NWbyW	7.8	59.64	59.05	22.2	28.6	Calm	NW 1	W	WNW	------
26	61.50	61.40	22.4	21.7	NE 1	ENE 2	NEbyE	ENE	5.1	60.43	60.47	23.5	26.4	N 1	NEbyN 2	NbyE	SSE	------
27	61.89	59.65	20.8	24.9	E 1	ESE 2	E	ESE	------	60.63	60	23.4	28	ESE 1	SE 2	ESE	SSE	------
28	59.18	58.81	21.8	23.6	NNE 2	NNE 3	NNE	NNE	15	60.32	59.72	23.2	25.1	Calm	NE 1	SSE	SSE	4.6
29	60.75	60.84	19.3	22	NNE 3	NEbyN 3	NEbyN	NEbyN	21.3	------	------	------	------	------	------	------	------	------
30	62.12	61.10	20.1	23.7	ENE 1	EbyN 3	NEbyE	E	2.8	------	------	------	------	------	------	------	------	------
31	61.19	60.79	21.8?	24.6	ESE 2	E 2	ESE	E	.3	------	------	------	------	------	------	------	------	------
Mean	61.44	60.82	22.4	24.6	1.7	2.4	------	------	------	62.31	61.71	22.2	24.8	1.6	2.4	------	------	------
Total	------	------	------	------	------	------	------	------	172.2	------	------	------	------	------	------	------	------	92.7

Day.	MARCH.									APRIL.								
	mm.	mm.	°C.	°C.					mm.	mm.	mm.	°C.	°C.					mm.
1	60.27	59.78	22.6	27	NE 3	NE 1	NE	NE	------	61.28	61.10	24	25.1	E 2	ESE 2	E	SE	0.7
2	61.24	60.91	20.7	26.5	Calm	ESE 1	NNW	E	39.9	61.17	60.88	24	26.5	NNE 2	ESE 3	SSE	ESE	5
3	60.89	59.42	21.8	24.4	N 1	NE 1	NbyE	SSE	29.5	60.33	60.41	26	26.5	SW 2	W 8	SSW	WbyN	------
4	60.45	59.84	22.8	27	NW 3	NE 1	NWbyN	NEbyN	1.5	61.43	60.93	23.4	27.7	NWbyN 1	N 2	NW	N	------
5	62.16	60.44	22	25	ESE 2	ESE 3	ESE	ESE	.4	60.73	59	21.2	28	Calm	SEbyS 2	SE	SSE	------
6	60.42	59.55	24.7	28.1	ESE 3	SE 3	SEbyE	SSE	------	58.54	58.32	25	23.5	W 3	N 4	WbyN	N	14.7
7	60.64	60.17	23	26.5	NNE 3	ENE 2	N	NE	------	61.03	61	20	22.4	NE 3	ENE 2	NE	ENE	1.8
8	59.94	58.92	23.3	27.1	E 1	ESE 2	EbyS	SEbyE	------	61.29	60.39	20.5	22.6	ESE 1	ESE 2	ESE	SE	6.9
9	59.07	58.67	25.6	29	SE 2	SSE 3	SbyE	S	------	59.58	58.45	23.9	27.2	SE 2	SSW 1	SEbyS	SSW	14.7
10	59.20	58.76	23.4	29.6	Calm	SW 2	SSW	SW	------	59.98	59.78	23.9	27.6	NNW 2	NNW 3	NNW	NNW	------
11	59.52	58.89	23.5	28.1	Calm	SE 2	EbyS	SEbyS	------	61.01	60.47	22.1	26.6	Calm	ENE 1	------	ENE	43.9
12	58.77	58.21	24.7	29	SEbyS 3	SSE 2	SSE	SSW	------	61.31	60.91	23.2	27.6	Calm	SE 1	SE	SSE	64.5
13	60.33	59.98	21.2	26.1	Calm	NNE 3	------	NNE	17	60.47	60.32	25.6	29.2	SSE 2	SSE 3	SSE	SSE	------
14	63.30	62.91	23	23.7	NE 4	NE 4	NEbyN	NEbyN	2.1	59.57	59.47	25.7	29	SSE 3	S 2	SSE	SbyW	------
15	63.52	62.46	24	27	E 2	ESE 2	E	ESE	1	59.72	59.39	25.2	29	W 1	W 2	WbyN	WbyN	------
16	61.95	60.90	24	26.6	ESE 2	ESE 3	ESE	ESE	------	60.33	59.72	23.2	26.6	NNE 3	NNE 3	NNE	NEbyN	.5
17	60.78	60.41	23.5	28.2	ESE 1	NE 3	SEbyE	NE	5.7	60.23	59.80	21.3	28	E 1	E 2	E	E	------
18	62.71	62.37	21.8	23.7	NEbyN 5	NE 5	NE	NE	5.7	59.91	59.64	24.9	29	SEbyE 1	SEbyE 2	SE	SE	------
19	62.25	61.92	23.5	24.6	E 1	E 3	E	EbyS	17.7	59.45	58.69	25.5	29.5	SE 1	WNW 2	SSE	NW	------
20	61.78	61.50	24.8	27.5	ESE 3	ESE 3	ESE	ESE	------	58.53	57.97	23.3	29	Calm	WNW 1	------	W	------
21	61.54	61.96	23.4	26.6	Calm	NE 3	NEbyE	NEbyE	------	58.47	58.37	22.7	29.8	Calm	W 1	------	W	------
22	62.15	61.80	24	27	ENE 2	ENE 3	EbyN	ENE	.3	58.55	58.07	25.1	29.5	WSW 1	W 2	WNW	------	------
23	60.84	59.97	24.5	28	E 2	ESE 3	E	ESE	------	59	58.90	24.4	28.5	N 1	N 1	N	NNE	1.3
24	60.36	61.49	25	21.8	ESE 2	N 4	ESE	NbyE	62.2	59.01	58.85	23.4	28.5	E 1	ESE 2	E	ESE	------
25	63.75	64.72	19.5	20.6	NNE 5	NE 4	NNE	NE	26.2	58.73	58.60	26.1	30.4	SE 3	SSE 3	SSE	S	------
26	66.51	66.20	20	20.9	NE 4	NEbyE 4	NE	NE	9.9	58.90	58.53	26.8	30.8	SSE 3	SSW 2	SSE	SSW	------
27	66.87	65.88	20	21	ENE 3	ENE 3	ENE	EbyN	1	58.96	57.94	24	30	Calm	SW 1	SSW	------	------
28	64.86	63.80	22	24.6	ENE 1	NNE 1	EbyN	ENE	2.7	58.26	57.85	23.5	29.9	Calm	W 1	W	W	------
29	63.83	62.90	22.5	26.6	E 1	EbyS 2	EbyS	EbyN	------	58.32	58.06	26.2	29.5	W 2	WNW 3	W	WNW	11.6
30	62.91	61.57	23.5	24.5	ENE 1	E 2	EbyN	ESE	6.6	60.53	61	22.4	22.8	NEbyN 4	NE 4	NE	NE	4.1
31	61.28	61.63	22.5	25.7	NNE 2	NE 1	NNE	NE	------	------	------	------	------	------	------	------	------	------
Mean	61.74	61.22	22.9	25.9	2	2.5	------	------	------	59.82	59.43	23.9	27.7	1.5	2.1	------	------	------
Total	------	------	------	------	------	------	------	------	229.4	------	------	------	------	------	------	------	------	169.7

SANTO DOMINGO.

[ϕ=20° 28′ N; λ=121° 59′ E; barometer above sea, 18.7 meters; gravity correction not applied, —1.49 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.							*mm.*	*mm.*	*mm.*	°C.	°C.							*mm.*
1	60.99	60.56	22.5	26.5	ENE	2	NEbyN	4	NEbyE	NE	------	58.42	58.78	26.2	30.1	SE	1	SE	3	SE	SE	------
2	60.09	59.48	25.4	26.9	E	3	ESE	3	E	ESE	5.6	59.17	59	26	29	ESE	2	EbyS	3	ESE	ESE	------
3	59.70	58.88	26.2	30	SE	2	SSE	3	SE	SSE	------	58.67	57.94	26.2	30.2	ESE	2	SE	3	SE	SEbyE	------
4	59.25	59.02	25.3	30.1	SE	2	SE	2	SEbyE	SE	1.3	58.62	58.22	27.5	30.8	SE	3	SE	4	SSE	SSE	------
5	58.42	57.84	26.5	31	SE	1	SEbyS	3	SE	SSE	.5	58.75	58.45	28	31.6	SE	2	SE	3	SSE	SSE	------
6	57.92	57.65	27	31.5	SSE	1	SSE	2	SbyE	SbyE	------	58.60	58.04	27.7	31	SE	2	SE	3	SEbyS	SSE	------
7	57.49	57.58	27.2	30.7	SE	1	W	2	SE	W	------	58.21	57.99	28.5	31.7	SSE	3	SSW	1	SbyE	S	------
8	57.49	57.03	25.3	30.9	Calm		SE	2	S	S	------	58.45	58.08	25	31.6	Calm		WSW	2	------	WSW	------
9	57.11	57.40	24.1	30.6	Calm		SW	2	S	SW	1.2	57.50	57.28	26.6	31.3	WSW	1	W	4	WSW	W	------
10	58.77	58.64	24.1	31	Calm		W	1	SW	W	------	57.75	57.27	27.9	31	W	3	W	4	WbyN	WbyN	------
11	60.02	60.16	25.6	26.5	NNE	1	NE	2	NNE	NE	23.1	58.16	57.47	25.1	31.6	Calm		W	2	SW	WbyS	------
12	60.14	59.91	25.5	28.1	NE	3	NE	2	NE	ENE	------	58.20	58.72	27.7	31.7	SSE	1	SSE	2	SSE	SSE	------
13	59.23	58.55	25.5	28	E	2	ESE	3	E	ESE	------	59.36	58.68	28.3	31.9	SE	3	SEbyS	3	SE	SSE	------
14	57.84	57.66	26.4	29.4	SEbyE	3	SE	3	SE	SEbyS	9.7	59.14	58.14	28.1	31.5	SW	1	WSW	3	SW	WSW	------
15	56.94	56.71	26.5	27	SSE	2	WSW	3	SSW	WSW	9.9	58.50	58.79	26	31.6	Calm		W	3	W	WbyN	------
16	59.08	59.18	24.2	26	NE	3	NE	4	NE	NE	3.6	58.61	58.49	28.1	31.9	WNW	1	WNW	2	WNW	WNW	------
17	60.49	59.80	23.6	27.5	N	1	E	3	------	ENE	------	58.45	58.05	26.6	32	Calm		W	2	WbyW	W	------
18	60.25	59.35	25.5	28.4	EbyS	3	ESE	3	E	E	------	57.50	56.72	27.4	31.1	WSW	1	W	4	WSW	WSW	2.5
19	59.29	58.39	26.5	30.6	SE	2	SSW	2	SE	SSW	------	56.37	55.66	26.7	31.1	WSW	3	WSW	4	SW	SW	2.2
20	58.38	58.25	25	30.5	Calm		WNW	1	WSW	WNW	------	55.47	55.07	27	31.5	Calm		SEbyE	2	SSE	SSW	------
21	58.28	57.88	24.1	29.5	Calm		SE	2	E	SSE	------	54.66	54.38	26.5	27.1	Calm		ESE	2	------	SE	9.4
22	58.17	58.88	26.5	30.7	S	1	WNW	1	S	NW	11.1	55.43	55.41	26	31	SE	1	SSE	3	SSE	S	3.5
23	60.09	59.53	25.5	29.3	SE	1	SSE	1	SSE	SbyE	------	57.46	57.55	27.5	31.9	SSE	3	SSE	3	SSE	SSE	.3
24	59.38	58.23	24.5	29.2	Calm		NNW	1	------	EbyS	.1	59.44	58.60	27.1	31.6	SE	1	E	2	SE	E	------
25	57.77	56.50	26.5	31	Calm		WSW	2	S	SSW	10.4	59.48	57.49	25.2	32	Calm		EbyN	2	------	ENE	.4
26	56.77	56.71	25.6	29.6	Calm		WSW	2	SW	WSW	23.6	57.56	56.24	25.8	31.4	NW	1	W	2	------	WbyN	------
27	58.38	57.42	23.6	22.4	NNE	2	NE	3	NEbyN	ENE	44.7	56.46	56.13	27.6	30.7	W	2	W	3	WSW	W	------
28	59.32	59.69	22.6	22.6	NE	3	NE	3	NEbyE	NE	30.7	56.74	56.63	28	31.2	WSW	3	WSW	4	WSW	WSW	------
29	59.64	59.60	24	26.4	NEbyE	4	E	2	ENE	E	3.8	58.64	58.19	27	32	W	1	WSW	3	W	SW	------
30	59.91	57.50	26.1	28.6	ESE	4	SEbyE	3	SEbyE	SEbyE	1	59.11	58.75	25.7	31.8	Calm		W	1	------	SSW	------
31	58.20	57.60	26	29.2	ESE	3	ESE	3	SE	SE	------	------	------	------	------	------		------				------
Mean	58.86	58.44	25.3	28.7		1.6		2.4	------	------	------	57.96	57.54	26.9	31.2		1.4		2.7	------	------	
Total	------	------	------	------	------		------		------	------	180.3	------	------	------	------	------		------		------	------	18.3

Day.	JULY.											AUGUST.										
	mm.	*mm.*	°C.	°C.							*mm.*	*mm.*	*mm.*	°C.	°C.							*mm.*
1	57.74	56.55	25	32.4	Calm		SW	2	SSW	SW	------	55.58	55.32	27	29.9	W	4	WSW	4	W	WSW	------
2	55.86	55.67	24.8	31.5	Calm		WSW	2	SW	SW	------	54.58	53.97	27	29.4	WSW	4	WSW	4	WSW	WSW	1
3	56.36	56.39	25	32	Calm		W	2	SSW	SSW	------	54.35	54.70	27.2	29.8	WSW	2	WSW	3	WSW	WSW	------
4	57.94	57.94	26.8	31.9	SEbyE	1	ESE	3	SE	SE	3.6	55.33	55.22	26.8	29.1	WSW	4	WSW	3	WbyS	WSW	.8
5	58.74	58.23	27.7	31.9	SE	3	SE	3	SSE	SE	2.4	54.88	55.34	26.7	28.5	W	4	W	4	W	W	37.6
6	58.71	58.10	28	29.7	SE	2	SE	3	SE	SE	5.1	55.70	55.77	26.6	29.5	W	5	W	4	W	W	12.9
7	57.79	57.80	26.6	31.5	SE	2	SE	3	SEbyS	SE	.3	55.90	55.63	26.6	26.4	WSW	4	WSW	3	WSW	WSW	14
8	58.28	57.14	27.8	31	SEbyS	3	SE	3	SSE	SE	------	55.85	55.37	26.9	29.8	WSW	4	WSW	5	WSW	SWbyW	32.5
9	57.65	56.55	27.5	31.5	SE	3	ESE	4	SE	SE	2.5	55.82	55.51	26.4	26.5	SW	5	W	6	SW	WSW	105.4
10	56.96	56.25	27.1	32.1	SSE	1	SSE	2	SSE	S	------	55.81	56.04	27	29.3	WSW	5	WSW	4	WSW	WSW	6.7
11	56.53	56.23	25	31.6	Calm		ESE	2	------	SE	1.3	56.08	55.61	27.2	28.1	WSW	5	WSW	5	WSW	WSW	.2
12	57.56	55.89	25.5	30.8	Calm		EbyS	2	SEbyE	ESE	10.6	56.22	55.91	27.4	29.6	WSW	4	WSW	5	WSW	SWbyW	------
13	55.10	54.40	27.2	29.4	E	4	EbyS	5	E	ESE	13.2	57.69	57.71	27.2	30.2	WSW	4	WSW	3	WSW	WSW	------
14	56.96	57.64	27.4	29	SEbyE	3	SE	4	SE	SEbyS	1.8	57.95	58.03	27	30	WSW	4	W	3	WSW	W	------
15	58.86	58.93	27	31.4	SE	3	ESE	2	SE	SEbyE	3.8	57.11	56.25	27.1	29.8	W	4	W	4	W	W	------
16	60.20	60.15	25	32	Calm		NE	2	ESE	NE	2.5	55.63	54.42	27.3	29.5	W	4	W	4	W	W	------
17	59.64	58.79	27.5	29	E	2	EbyS	3	ENE	EbyN	3.3	55.32	55.44	27.4	30.7	W	4	W	3	W	W	------
18	58.71	58.97	27	24.9	ESE	3	SEbyE	3	ESE	SE	40.8	56.75	57.83	27.7	30.7	W	3	WSW	2	W	WSW	------
19	59.41	59.11	26.8	28	SE	3	SEbyE	4	SE	SE	2.3	58.35	58.53	25.1	30.7	Calm		SSW	1	------	SSW	------
20	59.60	58.89	26.5	31.1	SE	1	ESE	2	SE	ESE	1.5	58.42	57.46	24.8	29.9	Calm		W	1	S	SSE	------
21	59.24	58.54	26.4	27.6	E	1	NE	1	ENE	NEbyN	20.1	58.01	58.09	24.6	31	Calm		WSW	1	SW	WSW	------
22	58.86	57.92	26	27.5	NNE	1	EbyS	3	NE	ESE	69.6	58.52	58.13	25.5	30.7	Calm		WSW	1	WSW	WSW	------
23	59.14	58.26	25.4	28.3	ESE	4	ESE	2	SEbyE	ESE	30.2	58.92	58.83	24.5	28.7	Calm		ENE	1	------	SSE	1.3
24	58.07	57.29	26.4	29	ESE	2	ENE	2	SEbyE	ENE	3.8	59.46	58.92	24.3	31.5	Calm		E	1	ESE	E	------
25	56.57	55.58	26	27.5	NE	1	NE	2	ENE	NEbyE	32.4	59.20	58.44	23.8	30.4	Calm		NE	2	------	NE	------
26	53.85	51.72	25.8	28.4	NEbyE	3	NE	4	NEbyN	NE	28.7	58.29	57.78	24.5	31.4	Calm		E	2	NE	ENE	------
27	52.51	53.44	26	23.5	ESE	3	SW	1	ESE	------	117.1	58.19	58.03	25.4	31.5	E	1	E	1	ENE	ENE	4.1
28	51.74	50.70	26	27.9	ESE	5	W	1	ESE	SWbyS	10.8	58.99	58.27	25.5	31.3	E	1	E	2	E	E	------
29	47.94	45.98	26.3	24.5	ESE	3	ENE	4	ESE	NEbyE	57.9	58.37	58.32	24.6	32.2	Calm		E	2	------	ENE	------
30	51.59	52.62	26.7	29.5	WNW	4	W	3	SWbyW	W	------	58.51	58.40	25	31.6	ENE	1	E	2	ENE	E	1.7
31	54.78	55.39	27.3	29.4	W	4	W	4	W	W	------	58.85	58.14	26.3	31.1	E	1	E	2	E	E	------
Mean	56.87	56.36	26.4	29.5		2.1		2.7	------	------	------	57.05	56.82	26.1	30		2.5		2.8	------	------	------
Total	------	------	------	------	------		------		------	------	465.6	------	------	------	------	------		------		------	------	218.2

SANTO DOMINGO.

[ϕ=20° 28′ N; λ=121° 59′ E; barometer above sea, 18.7 meters; gravity correction not applied, —1.49 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6. a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	58.44	58.68	27.5	31.6	ESE 2	ESE 3	ESE	SEbyE	------
2	59.03	58.85	27	32	ESE 1	ESE 2	ESE	ESE	------
3	59.01	58.44	26.6	31.5	ESE 1	EbyS 2	E	ENE	3
4	58.55	57.82	25.4	32	Calm	EbyS 2	ESE	E	1.8
5	57.18	56.23	25	30.7	Calm	NE 1	ENE	NE	7
6	56.12	55.88	27.2	31.6	ENE 2	E 2	ENE	E	7.6
7	55.90	55.33	27.4	31.6	ESE 1	ESE 2	ESE	ESE	------
8	55.66	54.19	27.3	31.9	ESE 1	ESE 3	ESE	ESE	------
9	54.84	54.40	27.6	31.8	ESE 2	E 3	ESE	E	1.5
10	56.22	56.26	24.6	29.4	Calm	W 1	------	W	2.7
11	55.41	55.12	26.6	31.5	N 1	NNE 2	N	NNE	2.9
12	55.51	54.82	26.6	31	NNE 1	NNE 3	NNE	NNE	.8
13	55.39	54.82	26.4	30.9	NNE 1	NNE 2	------	NNE	------
14	53.87	51.85	25.8	30.3	Calm	W 3	NNW	W	.6
15	50.24	53.29	28.2	29.7	SW 4	SSW 3	SW	SSW	17.4
16	55.77	55.11	24.5	28	Calm	N 1	SW	N	2.1
17	54.27	53.45	26.6	29.6	NNE 3	NNE 3	NNE	NEbyN	9.6
18	51.80	49.35	26	28.4	NNW 1	W 3	------	W	31.8
19	51.07	50.94	25.4	28.2	W 1	W 2	W	W	1.8
20	53.26	53.39	25.5	25.4	SE 1	SW 3	SSW	SW	95.5
21	53.97	55.17	25.1	26.1	SSW 1	SSW 2	SSW	SSW	33.3
22	57.55	58.55	27.3	31	SSE 1	S 3	SSE	S	------
23	60.60	59.59	27.5	30.8	SE 1	SE 2	SEbyS	------	.2
24	59.40	58.05	25.5	28	ESE 1	E 1	ESE	ESE	2.4
25	57.64	56.46	23.7	29.6	Calm	SE 1	SSE	SE	4.3
26	57.90	58.35	25.2	31	SE 1	SE 2	SE	SE	2.1
27	60.52	60.75	26.5	30.6	SE 1	N 1	SE	N	3
28	60.83	59.93	25.1	31	Calm	NW 1	Variable	NNW	1.3
29	58.92	57.89	24.4	29.1	Calm	NNW 1	------	SbyW	------
30	59.10	58.54	25.5	30.2	Calm	NE 2	ENE	NE	3.8
31	------	------	------	------	------	------	------	------	------
Mean	56.47	56.05	26.1	30.2	1	2.1	------	------	------
Total	------	------	------	------	------	------	------	------	236.5

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6. a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	59.35	58.73	26.6	30	NE 2	NE 3	NE	NE	2.5
2	54.72	39.75	26.1	26.7	N 4	NNE 1	N	NEbyE	82.8
3	55.18	54.64	27.5	30.4	SE 2	SE 2	SSE	SEbyS	3.4
4	55.30	54.17	27	26.5	NE 2	NNE 1	NE	N	85.3
5	54	53.38	26.5	27.1	NE 3	ENE 4	NE	ENE	18.3
6	54.90	55.50	26.8	30.1	ENE 5	ENE 4	ENE	ENE	6.1
7	57.75	57.59	26	26.9	NE 4	NE 2	NE	NE	2.8
8	59.41	58.36	25.6	28.9	Calm	ENE 2	ENE	ENE	.1
9	59.71	58.44	26.7	29.5	EbyN 2	NE 2	NEbyE	NEbyE	4.1
10	60.10	58.64	25.5	29.7	NE 1	ENE 2	NEbyE	ENE	------
11	59.74	58.88	26.2	30.8	ENE 3	E 2	ENE	E	------
12	60.74	59.83	25.4	30.6	Calm	SE 1	SE	SE	------
13	60.67	59.42	24.7	29.7	Calm	ENE 2	E	ENE	5.5
14	59.48	58.55	25.5	28.6	Calm	NW 1	------	NNE	5
15	58.64	58.50	25.4	29.5	NE 1	NE 3	NE	NEbyE	11.6
16	57.79	55.82	26.5	28.7	NNE 4	NNE 5	NNE	NNE	2.9
17	51.17	46.28	27.5	26.5	NNE 5	NEbyN 6	NNE	NEbyN	101.1
18	46.49	49.41	26.6	27	ESE 4	ESE 3	ESE	SE	24.5
19	54.28	54.86	26.6	29.3	ESE 3	SE 2	SE	SSE	.1
20	57.86	57.66	26	28.4	ESE 2	EbyS 2	ESE	ESE	------
21	60.19	59.33	25.5	29	SE 2	SE 3	SE	SEbyS	------
22	60.10	59.10	25.3	28.9	SSE 1	S 1	SSE	S	------
23	59.82	58.81	25.4	30	NE 1	NE 2	NE	NE	------
24	58.86	57.70	27.2	28.1	E 4	E 4	E	E	7.6
25	60.09	59.85	25.5	28.2	ESE 4	ESE 4	ESE	ESE	------
26	62.15	60.60	26	29.4	ESE 2	ESE 3	ESE	ESE	------
27	61.75	60.23	25.6	29.4	ESE 2	ESE 3	ESE	ESE	------
28	60.87	59.71	25.4	29	ESE 3	ESE 3	ESE	ESE	------
29	59.98	60.19	25.8	28	E 2	ENE 2	E	ENE	2.5
30	61.32	61.16	23.5	24.9	NE 4	NE 4	NE	NE	4.7
31	61.62	60.87	25.7	28.5	ENE 3	EbyN 3	ENE	E	3.6
Mean	58.19	56.97	26	28.7	2.4	2.6	------	------	
Total	------	------	------	------	------	------	------	------	374.5

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6. a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	61.68	60.71	25.5	30.8	ESE 2	E 2	ESE	E	4.6
2	60.67	60.21	25	30.3	E 1	E 1	E	E	------
3	60.72	60.10	25.6	30.7	ENE 2	ENE 1	EbyN	ENE	------
4	60.22	59.50	23.8	28.5	Calm	NEbyN 3	ENE	NE	35.6
5	60.32	60.41	23.5	25.4	NNE 4	NEbyN 4	NEbyN	NEbyN	34.1
6	62.31	61.16	23.6	25.6	NE 4	NE 4	NE	NE	13
7	61.16	59.14	24.9	27.6	NE 3	ENE 3	ENE	ENE	3.6
8	59.61	58.10	26.4	29.3	E 4	E 4	E	E	7.9
9	58.87	57.73	------	26	ENE 5	E 4	ENE	ESE	62
10	60.45	60.30	26.6	29.2	SE 3	SE 3	SE	SE	9.7
11	61.36	61.52	25.1	27.6	E 2	ESE 2	SEbyE	SEbyE	55.9
12	63.28	62.17	24.6	24.6	NE 4	NE 4	NE	NEbyE	30.5
13	63.11	62.58	24.6	25.6	NE 4	NE 3	NE	NE	3
14	61.80	60.36	24.4	25.5	NE 4	NE 4	NE	NE	4.1
15	59.09	57.97	25	24.6	NE 5	NE 4	NE	NE	58.9
16	57.81	56.84	22.8	23.6	NE 5	NE 5	NE	NEbyN	113
17	56.34	55.82	25	26.2	ENE 3	E 1	E	EbyN	69.1
18	56.32	56.56	23.6	22.5	NEbyN 2	NEbyN 5	NE	NE	128.5
19	57.58	57.75	22.9	22.4	NNE 5	NNE 5	NNE	NNE	19.6
20	59	58.25	22.5	23.6	NE 5	NE 4	NE	NE	6.9
21	58.87	58.22	24	26.4	ENE 4	E 3	ENE	E	3
22	58.77	58.44	25.2	28.6	E 2	SE 2	E	SbyE	------
23	58.80	58.22	23.3	28	SE 2	SSW 3	SSE	SSW	25.7
24	60.44	61.48	24	24.6	NE 3	NE 4	NE	NEbyN	16.5
25	64.37	64.52	21.7	22.5	NNE 4	NNE 4	NNE	NNE	2
26	64.60	63.42	21.1	23.6	NE 3	NE 2	NEbyN	NE	1
27	63.65	62.71	22.4	26.4	ENE 2	ENE 2	ENE	ENE	------
28	63.17	62.11	23.5	25.6	ENE 2	ENE 2	ENE	ENE	------
29	63.42	63.41	24.1	26.3	ENE 1	ENE 1	ENE	ENE	2.5
30	63.95	65.01	22.8	22.5	NE 4	NE 4	NE	NE	------
31	------	------	------	------	------	------	------	------	------
Mean	60.72	60.16	24.1	26.1	3.1	3.1	------	------	------
Total	------	------	------	------	------	------	------	------	710.7

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6. a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	64.53	63.32	22.2	24.5	ENE 1	EbyN 1	ENE	ENE	1.8
2	63.82	62.57	21.6	25.2	ENE 1	ENE 1	ENE	ENE	------
3	62.37	61.67	22.7	25.9	NEbyE 2	ENE 2	ENE	ENE	16
4	61.87	60.77	22.4	22.4	NEbyN 4	NE 4	NE	NE	1.5
5	61.51	60.77	21	24.7	NE 4	NE 3	NEbyN	NE	.3
6	62.20	61.30	21.9	24.1	NE 4	NE 4	NE	NEbyE	2
7	62.36	61.27	22.4	23.5	ENE 4	NE 3	ENE	NE	.5
8	60.32	58.99	22.6	24.8	NE 3	NE 3	NE	NE	21.8
9	58.82	58.31	23	24	NNE 4	NE 4	NNE	NE	6
10	60.20	60.50	22.9	24.4	NE 4	NE 3	NE	NEbyE	7.8
11	59.47	58.68	23.6	23.5	ENE 2	E 2	EbyN	E	8.9
12	59.08	58.82	23	25	NE 3	NNE 3	ENE	NNE	14.5
13	61.56	61.85	22.4	23.2	N 4	N 4	NbyE	NNE	21.1
14	64.77	63.73	17.6	20.4	NNE 5	NE 4	NEbyN	NEbyE	2.5
15	63.94	63.69	20.3	21.8	NE 2	E 1	NEbyE	NEbyE	19.3
16	64.39	64.12	21.1	20.4	NE 3	NE 3	NE	NE	30
17	64.62	63.94	20	21.4	NE 4	NE 4	NE	NE	11.9
18	64.39	64.11	20.5	22.6	NE 3	ENE 3	NE	ENE	3.7
19	63.93	62.99	20.6	23	NE 2	NE 3	NE	NE	3.6
20	62.73	62.06	21.7	23.4	NE 4	NE 2	NE	NE	8.6
21	62.27	61.44	21.6	24	NE 1	ENE 2	NE	ENE	8.4
22	62.41	61.89	21.5	23.6	NE 4	NEbyE 3	NE	ENE	1
23	62.84	63.17	20.4	23.6	Calm	ENE 2	ENE	ENE	------
24	64.01	64.48	20.5	22.8	NE 3	NE 3	NE	NEbyE	.5
25	65.56	66.43	20.2	21.4	NE 3	NE 4	NEbyE	NE	------
26	67.87	68.19	19	20.5	NEbyE 5	NE 4	NE	NE	1
27	67.59	67.40	20	23.7	ENE 2	ENE 3	ENE	ENE	------
28	67.28	67	21.4	25.4	E 1	E 3	------	ENE	.5
29	65.07	64.65	23	24.4	E 3	E 3	E	E	1.3
30	63.18	61.24	23.9	25.4	E 3	E 3	E	E	23.2
31	59.84	58.65	23.8	27.4	SE 3	SE 2	SEbyS	SEbyS	.2
Mean	63.06	62.52	21.6	23.6	2.9	2.9	------	------	------
Total	------	------	------	------	------	------	------	------	217.9

ANNUAL SUMMARIES FOR FIRST AND SECOND CLASS STATIONS, 1909.

CEBU.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.											
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		Number of winds from six daily observations.									Total.	Average daily velocity.	Average hourly velocity.
												N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.			
	mm.	*°C.*	*°C.*		*°C.*		*P.ct*	*mm.*	*mm.*		*0–10*										*Km.*	*Km.*	*Km.*
January	758.95	26	30.1	6, 8, 22	20.6	18	81.2	46.2	14.7	21	5	17	64	32	0	0	0	0	0	73	-------	[a]210.9	[a]8.8
February[b]	59.80	25.9	30.6	22	19.5	1	80.3	101.1	19.8	6	5.3	16	61	22	0	0	0	0	0	68	6,586.3	235.2	9.8
March	58.97	26.5	30.5	2, 4, 10	20	9	78.2	54.9	13.2	23	5.8	16	47	41	1	5	1	0	0	74	7,260.2	234.2	9.8
April	58.93	27.4	32.6	28	21.9	7	73.9	3.5	2	12	3.3	10	53	39	1	2	0	0	1	74	7,067.5	235.6	9.8
May	58.19	28.3	33	15, 25	23	17	74.3	42.5	17.8	7	4.7	2	27	29	11	10	0	1	2	104	5,760.8	185.8	7.7
June	58.29	28.2	33	26	23.6	5	72.3	33	6.9	30	5.4	4	14	36	9	12	11	3	0	91	5,965	198.8	8.3
July	57.61	26.9	31.8	15, 18	21.7	16	77.4	279	60.2	16	6.6	3	7	5	7	27	27	13	1	96	5,199.1	167.7	7
August	58.37	27.2	32.3	7	22.5	14	73.6	147.6	35.1	7	4.7	2	1	26	6	27	6	6	1	111	4,738.3	157.9	6.6
September	57.70	26.9	33.1	20	22	8, 15	72.4	157.3	30	8	6.2	2	1	7	3	26	25	16	1	99	5,071.3	169	7
October[c]	57.80	27	32	25	23.1	22	76.5	77.2	-----	----	6.5	5	10	17	5	15	35	29	2	66	-------	[d]200.4	[d]8.4
November	57.56	26.3	31.5	8	22.2	29	77.8	289.3	89.7	6	6.4	5	18	25	5	20	19	3	4	81	5,540.8	184.7	7.7
December	57.95	25.9	31.2	4	21.3	19	75	351.7	114.8	7	6.1	24	42	20	5	9	14	2	1	69	6,008.6	193.8	8.1
Year	758.34	26.9	33.1	-----	19.5	-------	76.1	1,583.3	114.8?	----	5.5	106	345	299	53	153	138	73	13	1,006	-------	197.8	8.2

ILOILO.

January	758.92	25.9	31.5	20, 26	20	13	78.6	18.4	10.2	9	5.5	71	102	12	0	0	0	0	0	1	-------	[d]323.5	[d]13.5
February	59.71	26.1	33	20	21	1	76.4	23.1	5.1	19	6.2	68	89	9	0	1	0	0	1	0	9,812.5	350.4	14.6
March	58.83	26.8	32.9	24, 30	22.4	8	74.8	41.6	16.4	23	6.6	71	98	11	0	0	2	1	0	3	-------	[d]335.4	[d]14
April	58.63	28.1	35.1	28	22.5	22	68.4	1	1	14	3.7	66	62	30	1	0	10	2	7	2	7,487.9	249.6	10.4
May	58.12	28.1	35.4	2	22.6	21	75.5	170.1	33.5	28	6.9	27	19	48	5	7	34	4	21	21	5,439.1	175.5	7.3
June	58.36	27.6	34.1	12	21.5	21	79.1	245.9	50.5	27	6.9	32	37	17	8	12	51	10	6	7	6,435	214.5	8.9
July	57.77	26.6	31.9	2	22.9	5, 16	82.9	231.6	44.2	27	8.2	14	13	8	4	12	115	12	5	3	9,385.4	302.8	12.6
August	58.51	27.2	34.4	31	22	22	80.6	72.8	16	1	6	21	20	15	1	6	96	8	9	10	8,284.7	267.2	11.1
September	57.98	26.4	33.9	1	21.9	10	84.7	494.5	68.1	25	8.3	10	13	3	7	7	100	25	5	10	8,662.8	288.8	12
October	57.68	26.8	32.7	22	22.2	5	84	342.8	82	5	7.6	15	43	14	3	4	68	12	5	22	-------	[a]258.6	[a]10.8
November	57.88	26.1	32.4	1	22.2	7	85.2	379.8	130.7	6	7.2	43	47	6	4	8	50	2	5	15	-------	-----	-------
December	58.54	25.4	31.6	1	20	20	85.3	245	75.4	15	7.3	52	87	6	5	2	14	2	2	16	-------	-----	-----
Year	758.41	26.8	35.4	-----	20	-------	79.6	2,266.6	130.7	----	6.7	490	630	179	38	59	540	78	66	110	-------	-----	-------

ORMOC.

January	759.06	24.9	31.9	23	17.5	17	80.2	120.6	35.3	6	5.7	30	23	15	14	12	12	2	7	71	4,181	134.9	5.6
February	59.86	24.8	32.2	26	17.1	1	78.4	49.8	8.9	18	5.9	25	30	13	11	14	6	2	7	60	3,882.3	138.7	5.8
March	58.85	25.4	32.7	31	19	7	78.6	95	20.3	22	5.9	27	30	10	16	20	12	1	7	63	4,547.3	146.7	6.1
April	58.86	25.7	33.1	24	17.1	25	75.6	23.4	19.6	14	2.7	40	24	23	10	49	3	1	1	29	5,163.7	172.1	7.2
May	58.17	26.5	34.4	19	19.7	15	80.2	56.7	22.9	8	4.5	37	19	20	18	38	8	6	9	31	4,545.9	146.6	6.1
June	58.28	26.4	34	3, 6	20.5	1	81.5	161	40.6	25	5.8	41	30	29	29	28	8	2	11	2	-------	[a]144.9	[a]6
July	57.56	26	31.3	29	20.5	15	84.1	279.2	55.4	10	7.1	46	17	16	30	49	8	4	6	10	5,755.5	185.7	7.7
August	58.33	26.2	32.5	21	21.1	15	83.4	233	99.6	25	5	45	12	13	29	44	4	3	6	30	3,881.2	125.2	5.2
September	57.65	26.4	32.1	21	20.8	24	82.8	204.4	41.1	3, 5	7	22	10	13	29	43	3	3	4	53	4,257	141.9	5.9
October	57.44	26.4	33.2	21	20.9	12, 31	83.3	270.7	74.7	22	7.5	27	9	22	19	42	4	8	3	52	4,617.6	149	6.2
November	57.65	25.5	32.9	22	20.4	2, 24	86	424.6	138.9	6	6.7	28	9	10	27	25	9	8	14	50	-------	-----	-------
December	58.14	24.9	33	15	20	6	86.1	315.3	85.6	19	7.7	45	7	7	12	26	11	20	33	25	-------	-----	-------
Year	758.32	25.8	34.4	-----	17.1	-------	81.7	2,233.7	138.9	----	6	413	220	191	244	390	88	60	108	476	-------	-----	-------

LEGASPI.

January	759.84	25.8	32.1	20	19.9	13	80.6	264.3	109	2	5.4	3	119	40	0	0	0	0	0	24	-------	[e]244.3	[e]10.2
February	60.71	25.9	31.7	22	18.1	11	80.6	462.7	169.7	13	5.3	3	103	47	0	0	0	0	0	15	-------	[f]261.9	[f]10.9
March	59.76	26.7	32.1	10	21.2	17	78.4	207.1	32.3	19	4.8	6	122	49	0	0	0	0	0	9	-------	265.9	11.1
April	59.41	27.8	33.5	30	21.4	7	74.6	37.7	14	3	2.1	0	53	94	2	0	0	0	0	31	6,111.6	203.7	8.5
May	58.44	28.4	34.1	27	21.6	16	78.3	86.3	16.8	5	3.6	1	37	77	0	1	1	2	0	67	-------	168.6	7
June	58.42	27.8	34.5	26	21.8	17	80.1	134.9	37.3	16	5.6	0	23	45	0	2	7	6	0	97	3,414.4	113.8	4.7
July	57.17	26.6	33.5	31	21.7	15	84.9	447.7	116.8	12	7.8	0	6	20	2	1	29	22	0	106	-------	[g]131.1	[g]5.5
August	58.14	28.1	35.8	7	21.8	20	77.7	40.3	12.7	19	4	1	5	34	8	1	32	37	0	68	5,204.5	167.9	7
September	57.23	27.2	34.4	21	22.6	6, 17	81.2	230.4	42.4	5	6.4	5	10	15	1	3	57	28	0	61	-------	[h]189.1	[h]7.9
October	57.13	27.3	33.6	15	22	22	84.3	452.7	100.6	23	6.1	1	39	32	1	2	36	19	2	54	-------	220.9	9.2
November	58.01	26.5	33.6	20	21.5	20, 25	85	566.1	85.1	14	5.8	13	69	33	1	7	8	0	0	49	7,287.7	242.9	10.1
December	58.88	25.7	31.4	16	21.5	9, 15	84.1	648.9	81.5	22	7.7	20	129	11	2	0	0	0	0	24	-------	325	13.5
Year	758.60	27	35.8	-----	18.1	-------	80.8	3,579.1	169.7	----	5.4	53	715	497	17	17	170	114	2	605	-------	211.3	8.8

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[a] 29 days of observation.
[b] No observation was made of wind direction for February 27, 2 a. m.
[c] No observation was made of wind direction for October 12, 10 p. m., and 14, 6 p. m.
[d] 30 days of observation.
[e] 28 days of observation.
[f] 25 days of observation.
[g] 23 days of observation.
[h] 22 days of observation.

ATIMONAN.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.											
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		Number of winds from six daily observations.									Total.	Average daily velocity.	Average hourly velocity.
												N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.			
	mm.	°C.	°C.		°C.		P.ct	mm.	mm.		0-10										Km.	Km.	Km.
January	760	25.5	33.5	28	21.1	16	85.2	468.6	99.6	14	6.7	36	86	6	0	0	0	0	10	48	--------	------	------
February	60.91	26	32.8	26	19.1	9	82.8	147.7	44.2	12	6	30	84	7	1	0	3	2	14	27	--------	------	------
March	59.96	26.9	34.4	5	20.6	6	81	177.2	54.4	22	6.3	37	114	3	1	1	4	3	6	17	--------	------	------
April	59.19	27.8	35.5	30	21.4	10	79.8	69.9	29.7	8	3.6	37	57	6	1	3	25	18	22	11	--------	[a]228.4	[a]9.5
May	58.22	28.1	35	15	23	20	83.5	262	50.6	17	6.5	33	44	4	2	3	28	22	20	30	--------	[b]195.7	[b]8.2
June	58.14	27.9	35.5	3	22.5	17	83.1	145.6	48.8	25	7.4	19	36	7	2	3	44	22	10	37	--------	------	------
July	56.71	26.4	33.1	5	21.5	14	86	237.3	63	8	9	9	5	5	1	20	74	3	9	60	--------	------	------
August	57.78	28	36	14	22.9	8	79.3	53.8	18.8	15	5.9	17	7	10	1	8	108	9	13	13	--------	[c]246.7	[c]10.3
September	56.97	27.1	35.1	13	22.5	28	81.4	151	29.3	24	8.6	12	5	2	3	18	95	6	23	16	--------	[d]246.9	[d]10.3
October	57.02	27.4	33.5	19	23	10	83.4	367.2	188.8	23	7.5	39	32	2	3	14	42	1	8	45	--------	[e]247.1	[e]10.3
November	58.10	26.4	32.4	22	22.3	20	86.4	435.6	91.1	14	7.6	37	57	5	12	14	19	1	14	21	--------	[d]315.6	[d]13.1
December	59.65	25	29.9	10	21.9	20	86.7	513.9	70.8	20	9.1	96	55	0	0	0	6	0	14	15	16,469.5	531.3	22.1
Year	758.55	26.9	36	------	19.1	--------	83.2	3,029.8	188.8	-----	7	402	582	57	27	84	448	87	163	340	--------	------	------

DAGUPAN.

January	759.69	25.9	35?	7, 8	17.4	18	73.6	10.4	6.6	24	4	24	4	6	53	37	3	1	38	20	7,850.5	253.2	10.5
February	60.46	26.2	36.1?	24	18	2	73.7	108	64.8	19	4.4	13	7	5	59	26	2	0	41	15	6,832.6	244	10.2
March	59.50	27.3	36.9?	13	18.3	6	69.6	48.8	39.9	30	3.8	11	5	1	58	32	3	1	60	15	7,847.3	253.1	10.6
April	58.78	28.4	37.8	13, 17	21.4	12	74.2	55.1	39.6	17	3.7	10	8	10	34	20	2	4	80	12	8,443.6	281.5	11.7
May	57.95	28.5	38.4?	19	21.1	24	77.8	206.1	46	24	6.3	7	4	5	82	21	7	7	34	19	7,499	241.9	10.1
June	57.88	28.2	37.8	7	22.1	13, 14	79.2	216.4	43.4	21	6.5	12	4	14	67	25	7	10	22	19	7,326.9	244.2	10.2
July	56.31	26.7	35.9	2	22.8	13	86.3	675.4	150.3	28	8.4	13	5	7	89	21	10	9	12	20	8,222.8	265.3	11
August	57.86	27.7	35.5	24, 27	22.4	19, 26, 27	83	217.3	60.9	18	6.7	15	3	10	45	16	5	18	40	34	6,196.6	199.9	8.3
September	56.71	27.1	35.4	13	22.4	18, 19, 20	88	588.9	229.4	17	8.2	8	2	12	81	23	7	7	23	17	6,467.7	215.6	9
October	56.65	27.3	35.1	28	22.5	18	85.3	328.6	95	17	7.4	12	3	10	63	20	9	10	37	22	9,435.7	304.4	12.7
November	57.96	26.7	34.4	1	21	27	86.2	44.5	16	7	6.1	15	3	2	77	25	3	2	19	34	7,336.5	244.6	10.2
December	59.50	25.2	34.6	31	18.4	20, 28	83.6	10.9	2.8	-----	5.6	16	4	9	58	42	8	2	22	25	6,436.2	207.6	8.6
Year	758.27	27.1	38.4?	------	17.4	--------	80	2,510.4	229.4	11, 17	5.9	156	52	91	766	308	66	71	428	252	89,895.4	246.3	10.3

APARRI.

January	761.33	----	-----	------	----	-------	----	163.2	48	28	5.7	11	73	26	23	26	16	5	6	0	--------	[a]285.1	[a]11.9
February	62.09	----	-----	------	----	-------	----	45.3	11.4	11, 15	5.7	17	61	15	35	15	18	3	4	0	8,080.3	288.6	12
March	60.94	----	-----	------	----	-------	----	53.1	16.3	25	4.1	8	87	20	24	25	14	4	4	0	9,653.5	311.4	13
April	59.57	26.7	34	25, 26	20.1	8	85	36.8	12.2	6	2.7	36	46	5	11	21	27	10	24	0	8,064	268.8	11.2
May	58.49	27.4	35.5	19	22.6	5	84.9	171.1	28.2	1	5.5	21	45	5	25	43	29	12	6	0	8,804.9	284	11.8
June	57.96	28.3	35.6	7, 13	23	16, 21, 27	80.8	117.5	35.6	21	3.3	12	37	5	24	59	21	5	17	0	--------	------	------
July	56.33	26.8	35	5	22.5	26	85.5	432.3	82.3	25	6.6	10	24	12	52	32	25	21	10	0	7,901.6	254.9	10.6
August	57.46	27.7	34.5	25	22.5	18	80.3	115.1	34.8	3	3.7	21	31	7	22	61	34	6	4	0	7,549.8	243.5	10.1
September	56.56	27.7	34.2	9	21.7	28	80.9	161	52.6	27	4	14	41	11	24	51	24	7	8	0	--------	[a]242.6	[a]10.1
October	57.06	----	-----	------	----	-------	----	[a]318.3	------	-----	6	16	58	29	32	10	16	14	11	0	--------	[f]217	[f]9
November	59.93	25.4	32.5	18	21.4	30	84.9	603.7	110.6	18	6.2	6	104	17	18	17	6	7	5	0	--------	[d]257.8	[d]10.7
December	62.31	23.4	31	31	18.6	26	79.8	324	115.5	15	9	7	135	21	9	8	4	2	0	0	--------	[a]329.3	[a]13.7
Year	759.17	----	-----	------	----	-------	----	2,541.4	115.5	-----	5.2	179	742	173	299	368	234	96	99	0	--------	------	------

[a] 29 days of observation.
[b] 30 days of observation.
[c] 25 days of observation.
[d] 27 days of observation.
[e] 26 days of observation.
[f] 28 days of observation.

TAGBILARAN.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Wind.										
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.	Cloudiness (mean).	Number of winds from six daily observations.									Velocity, monthly mean.
												N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	
	mm.	°C.	°C.		°C.		P. ct.	mm.	mm.		0-10										0-12.
January	758.53	25.9	31.8	1	19.6	17	80.2	48.1	13	6	6.8	129	8	2	27	2	1	5	12	0	1.6
February	59.32	26.2	32.2	26	20.4	1	76.4	50.7	14.9	15	6.9	90	15	2	25	1	2	6	26	1	1.7
March	58.46	26.7	[a]32.8	22	21	31	75.6	66.6	27.2	29	7.1	95	2	2	43	1	1	18	24	0	1.7
April	58.50	27.4	33.8	27	21.2	22	74.5	15	4.4	14	4.6	72	1	1	57	2	2	23	21	1	1.8
May	57.98	28	34.3	5	23.2	15	77.8	56.9	21.3	6	6.8	64	12	3	75	3	2	15	12	0	1.7
June	58.08	27.8	34.7	19	22.1	22	78.5	78.7	21.2	29	7.6	71	8	4	49	11	5	25	7	0	1.7
July	57.64	27.3	33.6	22	21.9	7	79.3	97.9	18.4	6	8.6	43	1	2	54	39	26	16	3	2	2.2
August	58.23	27.6	32.8	31	21.9	3	79.5	165.5	47	2	7	64	4	1	75	21	5	11	5	0	1.7
September	57.67	27.6	33.5	22	21.7	24	76.8	225.1	127.5	23	8.6	22	7	3	50	36	43	18	1	0	1.9
October	57.10	27.6	34.7	22	22	10	79.4	166.5	65.3	8	8.3	32	3	3	68	30	25	19	4	2	1.9
November	56.97	26.9	33.5	13	21.6	25	82	281.6	66	8	8.6	41	13	3	60	19	12	24	8	0	1.9
December	57.33	26.1	32.2	3	20.7	15	82.6	382.5	99.1	7	8.6	64	12	3	42	15	7	11	31	1	1.7
Year	757.98	27.1	34.7	------	19.6	------	78.6	1.635.1	127.5	------	7.5	787	86	29	625	180	131	191	154	7	1.8

SURIGAO.

January	758.57	25.4	30.6	8	20.9	14	87.8	351.7	46.5	14	7.5	39	61	30	4	1	0	0	0	51	1.5
February	59.70	25.4	30.3	25	[b]19.9	1	87.1	371.8	73.9	15	7.4	14	50	50	5	0	0	0	5	44	1.6
March[a]	58.82	26	31.1	22	21	7	85.5	147.5	37.3	20	7.1	[c]16	58	35	12	8	5	5	2	43	1.4
April	59.01	26.5	31.8	29	21.1	25	83.9	135.8	37.6	4	4.6	19	42	53	23	1	0	0	1	41	1.1
May	58.26	26.9	32.5	25	22.1	17	85.9	83.3	19.3	11	5.2	12	26	28	15	13	1	2	8	81	.8
June	58.32	27	33.2	21	22.5	26, 28	84.8	116.2	25.4	4	6.8	9	15	38	9	16	7	11	5	70	.8
July	57.61	26.8	34.7	29	22.2	21	83.7	209.5	49.5	20	7.5	3	4	10	3	7	46	16	5	92	.7
August	58.36	27.1	34.1	9	21.5	26	82.3	77.5	13.5	14	5.7	13	8	16	2	6	23	13	5	100	.4
September	57.59	27.3	34.5	18	22.5	29, 30	81.1	188.1	43.4	4	7.5	4	1	7	2	4	66	14	2	80	.6
October	57.45	27.3	33.9	18	22.7	10	82.3	151	36.1	26	6.8	8	12	10	1	6	35	21	4	89	.6
November	57.68	26	32.5	15	22.4	13	87.8	465.9	111.5	5	7.2	2	22	6	2	1	12	21	8	106	.4
December	57.90	25.4	31.2	23	21.5	15	89	949.5	307.2	19	7.9	9	19	1	0	1	13	10	35	98	.8
Year	758.27	26.4	34.7	------	19.9	------	85.1	3,247.8	307.2	------	6.8	148	318	284	78	64	208	113	80	895	0.9

TACLOBAN.

January	759.52	25.8	32.8	22	20.8	17	81.7	188.5	55.4	6	6.3	9	23	32	27	2	2	27	47	17	0.9
February	60.36	25.8	32.7	4	20.6	1	80	165.4	26	12	6.7	19	11	32	31	4	1	14	37	19	.9
March	59.34	26.3	33.3	31	22.1	9	79.4	132.7	27	20	6.5	20	15	44	22	2	3	11	44	25	.9
April	59.40	27.5	34.7	7	21.9	7	75	69.5	18.3	28	4.3	3	15	41	63	7	3	12	6	30	.8
May	58.61	28.1	35	24	23.9	1, 17	78.9	106.1	43.4	29	6	8	12	32	54	6	3	18	21	32	.6
June	58.61	27.7	34.1	5	22.7	22	81.1	241.2	80.3	21	6.5	8	5	46	33	4	4	13	34	33	.7
July	57.69	27	34.7	30	22.4	15	81.5	336	99.8	18	7.7	4	9	22	16	21	14	27	31	42	.6
August	58.51	27.8	34	6, 30	22.4	31	79.7	166.1	47.5	11	6.1	2	8	37	25	12	9	46	10	37	.7
September	57.67	27.6	34.7	15	22.2	16	79.7	146.9	40.7	23	7.5	8	9	13	15	12	11	63	15	34	.8
October	57.60	27.2	34.5	20	22.9	1	81.2	166.5	50.3	23	6.7	19	11	12	21	11	23	48	6	35	.9
November	57.76	------	------	------	------	------	------	370	62.2	6	6.6	9	10	9	24	9	7	43	21	48	.9
December	58.33	------	------	------	------	------	------	422	104.3	7	7.4	48	20	12	12	0	1	10	45	38	.7
Year	758.62	------	------	------	------	------	------	2,510.9	104.3	------	6.5	157	148	332	343	90	81	332	317	390	0.8

CALBAYOG.

January	759.77	[b]24.8	------	------	17.5	17	[b]84.9	101.2	23.1	4	6.4	126	40	6	4	8	0	2	0	0	1.1
February	60.71	[b]24.9	------	------	17.5	1	[b]84.1	96.3	22.9	23	6.1	110	45	0	3	9	0	0	0	1	1
March	59.63	25.5	------	------	19.8	4	83.6	184.3	37.6	22	6.1	72	55	11	5	3	5	10	1	24	1
April[d]	59.57	26.3	33.4	2	20.5	18, 22	81.9	20.8	8.1	18	3.2	58	40	9	2	19	14	15	2	15	1.1
May	58.73	26.4	33.9	24	21.8	20	86.2	188.8	31.2	9	5.3	79	30	5	2	18	16	7	3	26	.9
June	58.71	26.9	34	24	22.4	23	85.1	176	30.5	7	6.8	42	31	7	6	13	23	19	1	38	1
July	57.72	26.2	32.2	23	21.6	15	86.8	314.3	42.9	10	7.8	36	14	3	2	8	42	34	11	36	1.5
August	58.62	27	33.6	9, 22	22.2	31	84.6	126.4	55.9	19	5.4	60	11	4	1	13	48	17	5	27	1.1
September	57.84	27.1	32.9	26, 29	21.5	24	84.1	157.1	40.9	23	7.7	42	1	1	1	10	81	18	10	16	1.7
October	57.78	26.7	33.6	26	21.2	12	85.8	255.1	39.1	4	6.9	60	18	8	10	12	42	13	6	17	1.6
November	58.07	25.8	33.1	1	21.2	26	88.4	399.7	141.7	14	6.4	70	40	3	10	21	12	3	11	10	1.3
December	58.69	25.1	31.7	3, 28	21.3	15	89.1	378.5	51.1	20	7.2	77	46	4	4	10	5	7	12	21	1.1
Year	758.82	26.1	------	------	17.5	------	85.4	2,398.5	141.7	------	6.3	832	371	61	50	144	288	145	62	231	1.2

[a] 30 days of observation.
[b] 25 days of observation.
[c] No observation was made of wind direction for March 13, 6 p. m. and 10 p. m.
[d] No observation was made of wind direction for April 1.

OLONGAPO.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.									
												Number of winds from six daily observations.									Velocity, monthly mean.
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	
	mm.	°*C.*	°*C.*		°*C.*		*P. ct.*	*mm.*	*mm.*		*0-10*										*0-12.*
January	759.61	25.5	32.6	22	17.6	18	80.8	14.3	8.4	19	6.1	73	71	24	2	3	4	1	7	1	1.5
February	60.41	26.1	34.2	28	18.9	2	76	3.5	3.1	19	6.4	66	58	23	4	5	2	0	9	1	1.5
March	59.51	26.8	35.4	21	19.8	9	70.9	19.9	16.8	24	6.1	62	52	52	2	4	0	0	12	2	1.5
April	58.82	27.7	35.9	25	20.7	7	76.4	45.7	33.6	16	5.1	77	11	34	4	17	13	1	22	1	1.6
May	58	27.7	36.6	7	22.4	1	82.1	183.6	45.5	10, 27	7.5	79	28	21	1	17	23	3	9	5	1.4
June	58.01	27.6	36	2	22.5	24	81.6	191.1	61.7	18	7.9	73	31	12	0	15	26	3	11	9	1.2
July	56.66	26.1	33.4	3	22.3	13	87.9	876.2	206.7	13	9.3	56	25	15	8	11	34	11	13	13	1.5
August	58.03	26.8	34.7	27	22.8	9	84.9	309.1	144.4	6	7.5	78	10	14	2	20	29	8	13	12	1.3
September	57.02	26.3	34.7	1	22.7	30	87.6	625.9	111.1	17	8.9	61	10	12	1	38	43	5	4	6	1.8
October	56.94	26.8	34.3	16	22.8	13	84.7	362.8	115.6	24	7.9	60	25	21	2	17	18	14	21	8	1.6
November	57.91	26.2	33.8	5	21.2	13	82.3	130.7	48.8	7	7.2	81	54	19	3	7	6	3	4	3	1.5
December	59.36	25.2	33.4	2	17.2	20	77.7	34.4	17.4	12	7.2	106	59	12	0	1	1	3	2	2	1.5
Year	758.36	26.6	36.6	------	17.2	------	81.1	2,797.2	206.7	------	7.3	872	434	259	29	155	199	52	127	63	1.5

SAN ISIDRO.

January	759.85	24.5	31.8	13	17.1	18	76.4	34.9	20.3	19	5.3	26	10	48	10	0	0	4	83	5	0.9
February	60.66	25.2	34	25	17	9	72.4	6.6	4.6	15	5.4	28	17	53	7	0	1	0	58	4	1
March	59.68	26.2	34.6	20	17.9	9	68.3	5.7	2.1	23	5	21	26	58	7	1	0	2	70	1	1.3
April	58.81	28.4	38	25	20.9	14	66.7	23.6	23.6	29	5.3	24	34	48	15	3	5	5	45	1	1.1
May	58.02	28.1	36.6	5, 7	22.1	13	75.7	122.7	22.6	7	6.6	14	54	41	28	6	12	0	30	1	.8
June	58.02	28	37.9	10	22	17, 22 28, 29	75.8	127.2	41.9	28	6.4	4	45	53	35	19	4	0	20	0	1
July	56.63	26	34.3	3	22.1	16	86.4	474.2	97	27	8.4	4	38	48	46	27	15	0	3	5	.9
August	57.92	27.4	------	------	21.5	14	81.5	125.2	53.1	14	6.5	11	40	27	45	16	14	1	30	2	.9
September	56.92	26.6	------	------	22.4	20	84.8	245.9	82.8	17	7.4	12	24	15	58	28	17	1	24	1	1.2
October	56.92	[a]26.7	------	------	------	------	[a]84.6	412.2	------	------	7.3	13	40	25	33	13	11	10	35	6	1.5
November	58.17	------	------	------	------	------	------	111.3	38.3	7	6.5	14	51	26	20	17	7	2	33	10	1
December	59.71	------	------	------	------	------	------	45.1	27.2	12	6.5	24	45	32	5	3	2	6	67	2	1.3
Year	758.44	------	------	------	------	------	------	1,734.6	97?	------	6.4	195	424	474	309	133	88	31	498	38	1.1

BOLINAO.

January	759.48	26.1	31.9	6	19	17	83.1	25.6	16.3	24	6.5	61	17	38	54	0	0	0	11	5	2.4
February	60.46	26.4	31.5	21	20.3	2	82.8	3.8	3.8	19	6.8	53	10	29	56	1	1	2	9	7	2.2
March	59.57	27	32	13	20.7	14	82.8	5.1	4.1	25	5.7	55	5	28	66	4	0	9	14	5	2.1
April	58.97	28.3	34.3	18	21.9	6	79.8	48.1	34.8	25	5.5	68	17	12	26	3	0	24	20	10	2.3
May	58.04	28.3	33.7	26	23.3	1	85	339.4	76.5	12	8.3	23	4	38	69	5	9	21	11	6	1.8
June	57.88	27.9	33.9	3	22.8	15	85.2	441	78	15	8.3	9	8	38	66	17	6	15	15	6	2.1
July	56.21	26.5	32.5	18	23.1	11, 14	89.4	525	67.6	13	9.3	4	3	41	73	19	11	20	7	8	2.3
August	57.89	27.5	33.6	31	23	23	87.5	137.8	31.2	22	8.3	15	2	13	75	39	17	10	8	7	1.9
September	56.46	26.6	33.1	1	22.4	22	88.6	827.1	184.9	17	9.4	13	4	11	72	46	12	5	11	6	2.1
October	56.42	[b]27.1	[b]32	27	[b]22.5	24	[b]85.1	506	310.9	17	8.4	33	4	13	61	29	11	14	14	7	3
November	57.78	26.8	31.9	9, 22	21.8	27	81.6	73.4	28.2	1	8.4	42	7	10	78	24	2	2	6	9	2.3
December	59.40	25.7	31.2	5	18.6	20	79.4	49.2	37.1	12	7.8	53	20	20	64	13	2	0	3	11	2.2
Year	758.21	27	34.3	------	18.6	------	84.2	2,981.5	310.9	------	7.7	429	101	291	760	200	71	122	129	87	2.2

VIGAN.

January	759.90	25.8	32.4	26	19.5	14	75.2	0.5	0.5	28	1.1	49	33	31	21	19	3	3	18	9	1.5
February	60.69	26.3	32	19, 24 25, 26	20.5	12	75.2	4.5	4.3	19	1.9	35	28	26	17	9	12	9	27	5	1.5
March	59.72	27.6	36.4?	22	22.5	2	71	10.9	8.1	23	1.2	29	26	34	21	11	8	17	25	15	1.5
April	59.09	27.7	34	29	22.5	10	70.9	.3	.3	7	.6	45	21	22	15	13	10	12	29	13	1.5
May	58.09	28.3	34.5	6, 8	21.4	22	76	156.2	26.9	14	3.8	21	12	29	27	26	13	14	24	20	1.3
June	57.87	28.3	34.7	10	22.9	24	78.6	59.2	20.1	13	3.2	9	19	30	35	32	13	11	11	20	1.3
July	55.99	26.9	34.9	17	22.4	28	84.2	764.3	190.8	28	6.2	5	17	28	50	38	15	6	13	14	1.5
August	57.91	27.5	33.4	26, 30	21.7	28	80.3	326.1	83.6	2	4.1	8	9	38	44	47	14	6	6	14	1.1
September	56.58	26.9	33	1	22.6	18	84.6	548.5	108.8	19	5.2	7	10	36	44	41	12	8	8	14	1.2
October	56.41	27.4	35	30	22.7	15	81	423.3	137.9	17	4	35	20	18	26	21	13	8	19	26	1.5
November	58.15	27	35.6	8	22	25	76.1	44.3	25.5	16	3.7	43	38	17	10	11	3	10	25	23	1.2
December	59.76	25.5	32.2	1	18.7	19, 20	69	13.3	6.6	11	2.7	83	46	9	1	3	4	5	26	9	1.3
Year	758.35	27.1	36.4?	------	18.7	------	76.8	2,351.4	190.8	------	3.1	369	279	318	311	271	120	109	231	182	1.4

[a] 23 days of observation.

[b] 29 days of observation.

TUGUEGARAO.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.									
												Number of winds from six daily observations.									Velocity, monthly mean.
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	
	mm.	°*C.*	°*C.*		°*C.*		*P. ct.*	*mm.*	*mm.*		*0–10*										*0–12*
January	760.80	24.3	32.5	4, 25	16.1	18	81.4	3.3	2	19	5.8	24	4	0	7	14	2	1	43	91	0.7
February	61.56	25	34.5	28	15.5	2	79.1	37.4	24.2	19	6	17	12	0	15	14	5	0	30	75	.7
March	60.41	26.4	35.5	{10, 12 16, 20}	18	12	75.6	51.1	18.3	25	5.4	13	10	2	27	10	3	0	33	88	.7
April	59.02	28	36.8	18, 21	20.6	12	75.2	97.5	65	24	5.3	25	6	1	24	8	11	0	31	74	.8
May	58.13	28.4	38.1	22	21.8	5	[a] 79.7	128.7	29	25	6.8	10	4	1	34	16	13	2	25	81	.7
June	57.64	29.1	39	11	22.6	24	77.4	143.5	32.3	21	5.5	8	3	1	39	11	12	2	19	85	.7
July	56.01	27.3	36.2	2	22.1	13, 30	83.2	378.5	129	27	7.4	6	9	1	32	11	16	0	24	87	.7
August	57.22	28.4	37.2	24	22.5	29, 30	80.4	55	14.5	30	6.1	6	15	0	29	8	17	0	26	85	.6
September	56.31	28.2	37	9	21	28	80.1	65.3	28.7	16	6.5	6	10	1	44	3	3	8	9	96	.6
October	56.68	[b] 26.8	[b] 36	3	[b] 21	15	[b] 84.9	360.9	143	17	7.1	15	10	0	23	3	5	0	35	95	1
November	59.39	25.6	34.3	22	20.2	26	86.2	306.3	67.6	15	7.1	8	19	0	10	5	5	1	38	93	.6
December	61.67	23.2	32.5	31	17.7	27	84.9	186.2	75.3	15	8.1	39	34	0	10	1	0	1	33	68	1
Year	758.74	26.7	39	------	15.5	------	80.7	1,813.7	143	------	6.4	177	136	7	294	104	92	15	346	1,018	0.7

[a] 27 days of observation.

[b] 29 days of observation.

DEPARTMENT OF THE INTERIOR
WEATHER BUREAU

ANNUAL REPORT

OF THE

DIRECTOR OF THE WEATHER BUREAU

FOR THE YEAR 1910

PART I

ADMINISTRATIVE REPORT FOR THE FISCAL YEAR 1910

PART II

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY DURING THE CALENDAR YEAR 1910

MANILA
BUREAU OF PRINTING
1913

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MU

PART I.

ADMINISTRATIVE REPORT FOR THE FISCAL YEAR 1910.

MU

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR, WEATHER BUREAU,
Manila, July 30, 1910.

SIR: I have the honor of transmitting herewith my annual report as Director of the Weather Bureau for the year ended on June 30, 1910. The very nature of this Bureau excludes happenings of transcendent importance, or even of absorbing interest. The ordinary course of events has, moreover, been very smooth during the year. Were it not for a few exceptions, the history of the Weather Bureau for the fiscal year 1910 might have been condensed into the three words "Everything as usual."

Very respectfully,

JOSÉ ALGUÉ, *Director*.

Hon. DEAN C. WORCESTER,
Secretary of the Interior, Manila, P. I.

ADMINISTRATIVE REPORT OF THE DIRECTOR OF THE WEATHER BUREAU FOR THE FISCAL YEAR 1910.

I. MANILA CENTRAL OBSERVATORY.

1. WORK OF THE CENTRAL OBSERVATORY.

As is to be expected, the work of the Central Office did not differ materially from that during preceding years. The increase of the personnel by one employee, suggested in last year's report and authorized by Act No. 1955, proved a great convenience, for, although no inspection trips were necessary, we were enabled to supply the places of several observers who were sick or on leave of absence. The office hours were the same as set forth in my last report, and the overtime put in by the employees of the Central Office amounted to 1,047 hours.

To the reports furnished hitherto to various Insular Bureaus has been added a monthly report on temperature and rainfall in agricultural districts, which is being sent to the Bureau of Agriculture for insertion in the Agricultural Review published by the said Bureau.

In addition to these regular reports, a considerable amount of astronomical data for Manila and other points of the Archipelago, which involved much calculation, has been furnished to United States officers and others, who were engaged in mapping and special investigations.

The following instruments have been compared: Barometers, 247 (chiefly for dealers); chronometers 27, as against 150 and 24, respectively, during the preceding fiscal year.

To the list of places to which telegraphic storm warnings are sent has been added the port of Tagudin, at the request of the lieutenant-governor of Amburayan.

With a view toward reducing telegraph tolls and following the example of the United States Weather Bureau, we no longer issue the daily weather note on Sundays and legal holidays, unless the weather conditions make it advisable to give a warning or reassurance.

The foreign cable correspondence remained unaltered during the year. Number of typhoon warnings sent to the various meteorological centers of the Far East, 106, an increase of 15 over last year's warnings. The greatest number (27) was sent during October, 1909, while none at all were required during January and February, 1910.

The 121 earthquakes felt in the Philippines during the fiscal year 1910 were divided among the seismic regions of the Islands as follows: 43 in the Batanes Islands, Luzon, and Mindoro; 29 in the Visayas; and 49 in Mindanao and the Sulu Archipelago. None of them was sufficiently intense to damage buildings, as the severest reached only VI of the scale of De Rossi-Forel. The period under consideration may be regarded as one of normal seismicity, since 121 is precisely the mean number of earthquakes per year resulting from the observations for the years 1902–1909.

In addition to the 121 earthquakes just mentioned, the seismographs of the Observatory registered 86 microseismic movements of local or very near origin; 49 near disturbances—that is, at distances of less than 1,000 kilometers; 59 which took place at distances between 1,000 and 5,000 kilometers; and 5 at distances exceeding 5,000 kilometers. The most important far-distant earthquakes recorded by our instruments were those in

Mexico, Beluchistan, and Greenland. Of several the epicenter is as yet unknown, except that it must have been in the Pacific Ocean. A number of photographic copies of the tracings made by our instruments during far distant earthquakes have been sent, upon request, to the central bureau of the International Earthquake Association and several observatories. In coöperation with the bureau just mentioned, an investigation of "seismic noises" in the Philippines has been undertaken, the result of which will in the near future be published in the Monthly Bulletin of the Weather Bureau.

2. IMPROVEMENTS.

Mr. Carson Taylor, publisher of the Manila Daily Bulletin, having offered to maintain and operate a miniature set of typhoon signals for the benefit of the vast number of people who pass through the Escolta, such signals were installed at the Bulletin Building, 42 Escolta. They were displayed for the first time on October 17, 1909, and are greatly appreciated by the public, as the signals hoisted at the semaphore station cannot be seen from most points of the city, and the location of the Bulletin Building is very central.

The following improvements of the Central Observatory have been made from private funds of the Observatory:

(*a*) A new sidereal clock by Riefler of Munich, at a total cost of ₱698.43. The purchase of this clock had been planned as early as 1905, when we acquired the more costly mean-time clock by the same maker and, consequently, a site for same had been provided in the case which shelters the latter.

(*b*) The new meteorological park. As the trees around the plot which formerly contained the thermometer shelter grew to considerable height and it was not desirable to sacrifice them, some being of special interest, the Observatory set aside a plot of 474 square meters in the northeast corner of the grounds, which is in every way more desirable than the former location. This plot was graded, a new shelter constructed, and the instruments mounted at an expense of about ₱185. As the old ground continues in use by the Weather Bureau for ground-temperature observations, etc., the latter has decidedly gained by the transaction, the time given by the mechanics being the only expense to the Bureau. Observations in the new park were commenced on January 1, 1910.

(*c*) But by far the most important improvement is the erection of a new magnetic observatory at Antipolo. As reported for the fiscal year 1905, the inauguration of the electric railroad in Manila ruined the magnetic observatory. Experiments were continued for about a year, but then the apparatus were dismounted and stored away. Several locations for a new observatory have at various times been considered, but none was found to be satisfactory. Baguio, Benguet, seemed the most desirable, but the uncertainty regarding the motive power of the future railway to the summer capital made us fear a repetition of our Manila experience, and the idea was abandoned. It having been finally decided to establish the institution at Antipolo, 18.5 kilometers east of Manila and about 215 meters above sea level, a tract of 25,590 square meters was purchased and upon it were erected two buildings of stone and wood. One of these, for housing the photographically registering variation instruments, measures 10 by 5 meters; the other, for absolute magnetic measurements, is 3 by 2 meters. The geographical coördinates of the new observatory are 121° 10′ east of Greenwich and 14° 35.8′ north. As the terminus of the electric railway from Manila to Fort William McKinley is at a distance of about 10 kilometers, no interference from stray currents need be feared. The distance from the railway station at Antipolo is only 500 meters, but no trace of vibration due to moving trains has been discovered. Unfortunately, the contractor failed to complete the buildings in time for the transit of Halley's comet, May 19, 1910; hence the instruments could be mounted only provisionally. Up to the present the total cost of the new magnetic observatory has been slightly more than ₱4,800 and some improvements are still needed.

As the routine work is very little and of such nature as not to require special training, it would be bad business policy to station an expert observer at ₱1,800 per year at Antipolo. Hence, a rain station has been established there, the observer in charge of which, in addition to taking the meteorological observations required of such stations, takes care of the lights and changes the sensitive paper of the registering instruments, for a salary of only ₱180 per annum. But as he also takes care of the buildings and grounds, this salary is supplemented by an equal amount paid from private funds. An expert visits the place twice a month, develops the papers, makes absolute observations, etc. The studying of the curves is done at the Central Observatory.

II. SECONDARY STATIONS.

1. MIRADOR OBSERVATORY.

By far the most important event with regard to the secondary stations was the opening of Mirador Observatory, Baguio, Benguet, on July 1, 1909. As a full description of this institution has been published (see IV, 2), I need only add that since the appearance of the latter, typhoon signals and a time ball have been added to the equipment of the observatory. By means of a special line from the Baguio telegraph office to Mount Mirador, the time signals are transmitted automatically from the clock of the Manila Observatory to Mirador Observatory. On July 9, 1909, these signals were received for the first time.

During the month of March, 1910, a second seismograph was installed. It was constructed by our mechanics, and though of the Vicentini type, it has an entirely new arrangement for the registration of the vertical component of seismic waves. The improvement is the idea of Rev. Miguel Saderra Masó, Assistant Director of the Weather Bureau, and gives better results than the horizontal spring pendulum employed for the same purpose by Professor Vicentini.

During the heated season the Weather Bureau had 5 employees at the summer capital, who naturally had their office at the observatory. In this connection I cannot refrain from mentioning Rev. José Coronas, Assistant Director of the Weather Bureau, who, although on leave of absence, of his own volition superintended the work of these employees and also erected the magnificent signal mast of 16.5 meters height, from which the time ball and typhoon signals are displayed. The former fell for the first time at noon of April 28, while the first occasion for hoisting the typhoon signals arose on May 6, 1910.

For the purpose of comparison between temperature and rainfall on the top of Mount Mirador and in the lower part of the city of Baguio, a shelter with the necessary thermometers and a rain gauge have been placed within the grounds of the Constabulary barracks, the commanding officer of which not only gave the necessary permission most courteously, but also issued orders to the guard for the protection of the instruments against unauthorized interference.

The stately building on Mount Mirador proved a great attraction during the Baguio season. On the basis of entries in the visitors' register—which arrived when the season was half over—It is etimated that more than 3,000 persons visited the observatory.

2. CHANGES IN STATIONS.

The second-class station at Olongapo, Zambales, was abolished on January 1, 1910. Owing to the transfer of the seat of the municipality of the same name to a barrio, the station would have occupied a position in which it would have been well-nigh useless. The third-class station at Tuburan, Cebu, has likewise been abolished, and the one at Tarlac reduced to rain station.

On the other hand, third-class stations have been established at Dumaguete (Oriental Negros), Santa Cruz (Laguna), and Iba (Zambales). The new magnetic observatory at Antipolo, as stated, is looked after by a rain observer.

The rain station on Cuyo Island has been raised to third-class, but even thus no observer could be found willing to go there until the month of May, 1910. The same reason necessitated the raising of the rain station on the Island of Yap, Western Carolines, to third class with the exceptional salary of ₱480 (instead of ₱360) per year.

3. STATIONS OF THE WEATHER BUREAU.

On June 30, 1910, the Weather Bureau maintained the following secondary stations, the numbers for the same date of the preceding year being given for the sake of comparison:

Class.	1910	1909
Branch observatory	1	0
First-class stations	7	7
Second-class stations	9	10
Third-class stations	25	23
Rain stations	10	9
Total	52	49

As regards volunteer stations, instruments have been furnished to the potato farm of the subsistence department, Department of Mindanao, Philippines Division, United States Army, and to Fort Mills, Corregidor Island. The instruments formerly in the hands of the military authorities at Malabang, Mindanao, have been transferred to the postmaster of the same place for observations in connection with the wireless telegraph station. Hence, there are at present 9 volunteer stations making observations for the Weather Bureau.

III. PERSONNEL.

1. NATIONALITY.

Of the total of 90 persons who were on the roster of the Weather Bureau on June 30, 1910, 81, or fully 90 per cent, were Filipinos, while the remaining 9 belonged to three different nationalities.

2. TRAINING OF OBSERVERS.

The arrangement for the training of prospective observers mentioned in previous reports has been continued and is of great advantage, especially as such applicants as fail in passing examinations and, hence, are not eligible for positions in the classified service, make far better third-class observers than men with no, or at best a hurried, training.

3. PECUNIARY PENALTIES.

The resorting to pecuniary penalties introduced during the preceding fiscal year appears to have had the desired effect of cautioning employees against neglect of duties. Aside from the two reductions mentioned further on, and which were due to lack of capacity more than to wilful neglect, only one fine of ₱3 has been imposed during the fiscal year 1910.

4. CHANGES IN THE PERSONNEL.

There were, all in all, 19 original appointments, of which, however, 8 were of a temporary character, and 17 separations.

(*a*) *Appointments.*—With one exception, all the appointments were to positions with salaries less than ₱600 per year. They were 1 assistant calculator, at ₱600; 4 third-class observers, at ₱360 each; 2 assistant observers, at ₱300; and 2, at ₱200 each; 2 rain observers, at ₱180 each; 3 temporary employees, at ₱360; and 5, at ₱300 each.

One position of draftsman (₱840) has been filled by transfer from the Bureau of Public Works, and two of third-class observers in places for which it is exceedingly difficult to obtain men, by the temporary employment of former observers.

(*b*) *Promotions.*—Only two real promotions occurred, viz, from assistant calculator at ₱600 per year to assistant observer at ₱960 and ₱1,200, respectively. Several employees have, however, received small raises in salary. The chief observer in charge of Mirador Observatory, from ₱1,200 to ₱1,440 per year; one temporary employee, a mechanic, from ₱60 per month to ₱80; another, likewise a mechanic, from ₱35 to ₱45 and finally to ₱60 per month; one temporary employee had his pay increased from ₱25 to ₱50 per month and three from ₱25 to ₱30.

Especially during the last six months there has been noticed among the employees considerable dissatisfaction with the low salaries prevailing throughout the Weather Bureau. Some of them are casting about for some more lucrative employment, and unless the Bureau is prepared to dispense with their services, it will be necessary to increase slightly some of the salaries, which, it may be safely affirmed, are considerably lower than those paid in every other Bureau for a similar class of work.

(*c*) *Reductions.*—One second-class observer (₱600) requested reduction to third-class observer (₱360), as his health was too poor to stand the amount of work required by his former position. Two third-class observers, having failed to profit by repeated admonitions, have been reduced to rain observers, as it was not feasible to replace them by more capable men.

(*d*) *Separations.*—The Weather Bureau lost one assistant observer at the Central Observatory, a very faithful employee, by transfer to the provincial service. He preferred a position at ₱600 per annum in Balanga, Bataan, to one of ₱1,200 in Manila, claiming that in his native town he could live more easily on half the salary than in Manila on the whole, with the benefit of a healthier climate thrown into the bargain.

By resignation: Second-class observers, 2; third-class observers, 3; temporary employee, 1. One of the second-class observers who resigned did so for the purpose of becoming a gubernatorial candidate and has been elected governor of Bohol Province; 1 of the third-class observers to become municipal president of Gubat, Sorsogon.

By discharge: One assistant observer.

By dismissal: One draftsman and 1 temporary employee.

IV. PUBLICATIONS.

1. ORDINARY PUBLICATIONS.

These consist of the Monthly Bulletin and the Annual Report.

(*a*) *The Monthly Bulletin of the Weather Bureau.*—Our efforts to bring up to date the Monthly Bulletin, as far as this is possible, have at last succeeded. Owing to the fact that a number of stations have poor postal facilities, copy cannot be ready for the printer until three months after the expiration of the month to which the given bulletin corresponds. If not crowded out by more important work, it may be expected to be printed within a month or six weeks. Thus the requisition for the printing of the Bulletin for January, 1910, bears the date April 30, but delivery was not made until June 29. On the other hand, the number for February was advanced as far as corrected page proofs on June 30, though the requisition is dated June 1. Copy for the Bulletin corresponding to March was forwarded to the printer on June 27. Beginning with the number for January, 1910, the edition of the Bulletin had to be increased from 1,000 to 1,100 in order to meet the demand.

(*b*) *The Annual Report of the Director of the Weather Bureau.*—Part II of the annual report for the year 1906 must be nearly ready for distribution, since the correction of the page proofs has been finished some time ago. Copy for the second part of the report for 1907 will be ready within three months, and for the first part of 1908 during the first days of August. Since the Bulletin is no longer farther behind time than is unavoidable, more attention and time can and will be devoted to the annual report.

2. SPECIAL PUBLICATIONS.

The following special publications have been printed during the fiscal year 1910:

(*a*) Mirador Observatory, Baguio, Benget, a new Meteorological-Geodynamic Station of the Weather Bureau. By Rev. José Algué, S. J., Director of the Weather Bureau. (Quarto, 11 pages, and 9 plates.) This is a description of Mirador Observatory, illustrated by 10 half-page and 3 full-page views. It likewise contains a "Summary report on climatic conditions" at the mountain resort.

(*b*) Catalogue of Violent and Destructive Earthquakes in the Philippines. With an Appendix: Earthquakes in the Marianas Islands. 1599–1907. By Rev. Miguel Saderra Masó, S. J., Assistant Director of the Weather Bureau. (Quarto, 27 pages, and 2 maps.) It is believed that this catalogue is as complete as a work of this kind can be made. Earthquake records for the period prior to 1800 are scarce and incomplete as to scientific details, because no special interest was taken in these phenomena; only the worst cases were recorded in the chronicles as public calamities. All the information obtainable has been embodied in the work mentioned.

(*c*) The Return of Halley's Comet and Popular Apprehensions. By Rev. George M. Zwack, S. J., secretary of the Weather Bureau. (Octavo, 22 pages.) This treatise was written with the intention of furnishing to educated people the material wherewith to combat the comet scare incidental to the approach of Halley's comet to the sun and earth in April and May, 1910, respectively. Though merely intended as a popular exposition of the groundlessness of comet scares in general and in the case of the recent return of Halley's comet in particular, the pamphlet has been well received in scientific circles.

V. FINANCIAL STATEMENT.

1. Appropriation for the Weather Bureau, fiscal year 1910, Act No. 1955		₱132,240.00
2. Receipts:		
Sale of instruments to Bureau of Public Works	₱26.54	
Sale of publications to Bureau of Education	50.11	
		76.65
3. Expenditures:		
(*a*) Current expense—		
Salaries and wages	₱74,927.24	
Printing and binding	19,249.37	
Telegrams and cablegrams	14,656.15	
Rent of offices and instruments	9,000.00	
Office supplies	2,339.81	
Transportation of persons and freight, per diems	1,954.29	
Postage on correspondence and publications	1,437.74	
Installations and repairs at secondary stations	954.72	
Miscellaneous expenses	573.62	
		125,092.94
(*b*) Extraordinary expense: None.		
(*c*) Permanent improvements: Purchase of equipment		2,779.92
Total expenditure		127,872.86

This total of ₱127,872.86 includes payments made on account of the fiscal year 1909 amounting to ₱410.10. Deducting this sum, we find that the total payments for the fiscal year 1910 have been ₱127,462.76. But to this sum must be added the following liabilities pertaining to the fiscal year just ended and remaining unpaid when the books were closed:

Unpaid liabilities:	
Current expense	₱1,841.22
Permanent improvements	331.19
Total	2,172.41

Nevertheless the total expenditures are well within the funds available, as is shown by the following figures:

4. Summary:		
Funds available—		
Appropriation, fiscal year 1910, Act No. 1955	₱132,240.00	
Receipts from sale of property	76.65	
		₱132,316.65
Expenditures—		
Disbursements	103,958.09	
Interbureau transactions	23,914.77	
Unpaid liabilities	2,172.41	
		130,045.27
Net balance		2,271.38

VI. MISCELLANEA.

1. THE BREAKDOWN OF THE SOUTHERN CABLES.

The efficiency of the weather forecast service was jeopardized to a considerable extent by the frequent interruptions of telegraphic communication with the south of the Archipelago. Surigao sent its last weather dispatch on November 30, 1908; Jolo had barely resumed communication by wireless telegraphy, after a year's isolation, when breaks in the cables cut off the whole of the southern islands from Manila, May 11, 1910. Only the first-class stations of Iloilo and Cebu can be reached via commercial cable, with an increase in cost of 66.7 per cent as far as the appropriation for the Weather Bureau is concerned, but of 166.7 per cent as regards the Insular Treasury, since formerly the cable tolls reverted to it through the Bureau of Posts.

2. HALLEY'S COMET.

A considerable amount of time has been devoted to this interesting object, but aside from 19 successful photographs, taken April 29 to June 10, nothing of importance has been ascertained. On May 19, the day of its transit across the sun, the solar disk was diligently watched by myself and Rev. Juan Comellas with the refractor of 48 centimeters aperture and a magnifying power of 200 during the hours from 9 a. m. to 12 noon Insular time, which is eight hours fast of Greenwich. A very slight haze diminished somewhat the transparency of the sky, and two or three times the passage of clouds interrupted the observations for a short while; but, on the whole, the state of the sky was quite satisfactory. Again and again the whole solar disk was examined very carefully from west to east; but with the exception of the sunspots and faculæ, which stood out clearly, nothing could be detected which might have led to the suspicion that an opaque body was passing in front of the sun—no shadow, not the slightest penumbra less brilliant than the rest of the sun, absolutely nothing could be seen.

As has been mentioned before, the instruments of the new magnetic observatory could be mounted only provisionally. Owing to trouble with the source of light, etc., the curves obtained May 18, 19, and 20 are not quite satisfactory, but they show clearly that there was a magnetic disturbance. The latter has been recorded in many places, but scientists do not agree as to its cause—its occurrence at the time of the comet's perigee may have been a mere coincidence. Copies of our records have been sent to the principal magnetic observatories.

3. CLOUD OBSERVATIONS AT BAGUIO, BENGUET.

The altitude of Mirador Observatory being 1,511.75 meters, it appeared desirable to make there a series of photographic cloud observations for the purpose of gathering further data concerning the higher air currents and their connection with thunderstorms and cyclones. I arrived at Baguio on May 24; on June 9 the preliminaries were finished, and from the following day until June 29 daily observations were made. The method was identical with the one employed in the international cloud measurements (June 1, 1896, to July 31, 1897) in which Manila Observatory took part. It consists in taking simultaneous photographs of a given point in a cloud by means of two exactly similar phototheodolites placed at the end points of a base line of known length. The readings of the horizontal and vertical circles of the instruments furnish the additional data required for calculating the height of the cloud above the station. The instruments and the whole process have been described in "Las Nubes en el Archipiélago Filipino," published by Manila Observatory in 1898. For the purpose of these measurements I had a pier constructed on a hill north of Mount Mirador, whose top was on the same level with that of the one already existing on the observatory grounds, which gave a base line of 698 meters. These observations will be continued as opportunity offers, and the results published in the Monthly Bulletin.

4. THE CENTRAL OBSERVATORY STRUCK BY LIGHTNING.

In concluding this report I beg to mention an accident which might have had serious results. At 4.35 p. m. of July 21, 1909, the general office at the Observatory was full of employees who were preparing to leave at the close of the office hours, when the tower in which the said office is located was struck by lightning. The discharge evidently missed the lightning rod on top of the time-ball mast and probably struck one of the anemometers. The telegraph line and the wire for the time ball on Engineer Island were broken, all the instruments mounted on the central pier had their electric circuits burned out, and a mercury contact on one of the side pillars its mercury scattered. But happily nobody was hurt in the least, nor was there any damage done to the building. In fact, we were unable to ascertain the real path of the stroke.

PART II.

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY DURING THE CALENDAR YEAR 1910.

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR, WEATHER BUREAU,
Manila, March 15, 1913.

SIR: I have the honor of transmitting herewith Part II of the Meteorological Report of the Weather Bureau for the year 1910. The same contains the hourly observations made at the Central Observatory during the calendar year 1910.

Very respectfully,

JOSÉ ALGUÉ, *Director.*

Hon. DEAN C. WORCESTER,
Secretary of the Interior, Manila, P. I.

INTRODUCTION.

Part II of our report for 1910 contains the meteorological observations made during the year at the Central Observatory at Manila. The hours of observations are given in Insular standard time; that is, in the time of the one hundred and twentieth meridian east of Greenwich, adopted by order of the United States Government on September 6, 1899. It is to be noted that the observations of atmospheric pressure, temperature, relative humidity, vapor tension, and the direction and force of the wind are hourly, read directly between the hours 6 a. m. and 7 p. m., while for the hours from 8 p. m. to 5 a. m. they are taken from self-registering apparatus. The hourly observations of the direction, form, and amount of clouds are made from 7 a. m. until 6 p. m. only. Each of the tables of hourly observations shows also the respective hourly, daily, and monthly means. The extreme daily values of the various elements, together with the times of their occurrence, are united into a separate table. The thermometers and atmidometer are placed in the Observatory park, 1.5 meters above the ground.

The readings of the barometer have not been corrected for gravity; this correction would be —1.72 mm.

All observations contained in this report are expressed in the metric system, continuing the practice adopted at the time of the reorganization of the Weather Bureau. As in former reports, we have arranged the observations according to month.

EXPLANATION OF SYMBOLS (BEAUFORT'S LETTERS AND INTERNATIONAL WEATHER SYMBOLS).

Symbol.	Equal to—	Symbol.	Equal to—
Ci.	Cirrus.	o	Overcast.
Ci.-S.	Cirro-stratus.	p	Passing showers of rain.
Ci.-Cu.	Cirro-cumulus.	q	Squally.
A.-Cu.	Alto-cumulus.	u	Ugly or threatening weather.
A.-S.	Alto-stratus.	v	Visibility of distant objects.
S.-Cu.	Strato-cumulus.	w	Wet or heavy dew.
N.	Nimbus.	●	Rain.
Cu.	Cumulus.	≡	Fog or mist.
Cu.-N.	Cumulo-nimbus.	⌓	Dew.
S.	Stratus.	⊕	Solar corona.
Fr.-Cu.	Fracto-cumulus.	○	Solar halo.
Fr.N.	Fracto-nimbus.	⊍	Lunar corona.
Fr.-S.	Fracto-stratus.	∪	Lunar halo.
S.-cf.	Stratus-cumuliformis.	↯	Lightning.
N.-cf.	Nimbus-cumuliformis.	☈	Thunderstorm.
M.-Cu.	Mammato-cumulus.	T	Thunder.
b	Clear, blue sky.	↙	Strong wind.
c	Partial clouds.	⌒	Rainbow.
d	Drizzling or light rain.	∞	Dust haze.
g	Gloomy, or dark, stormy-looking weather.		

NOTE.—The intensity of any individual phenomenon may be distinguished by the figures of ° and ², which should be used as exponents of the symbols, so that ° indicates slight, and ² strong; e. g., $●^{\circ}$=slight rain, $●^{2}$=heavy rain. Figures in heavier type represent extreme values.

OBSERVATIONS FOR JANUARY, 1910.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.15	58.85	58.70	58.75	59	59.40	59.80	60.30	**60.34**	60.08	59.70	58.90
2	59.50	59.30	59.30	59.25	59.55	59.96	60.45	61.09	61.49	**61.52**	60.98	60.23
3	61.25	61.20	61.05	61.20	61.25	61.53	61.88	62.25	62.53	62.30	61.85	61.23
4	62	61.55	61.40	61.45	61.65	61.86	62.48	62.81	**62.82**	62.45	61.88	61.28
5	61.90	61.45	61.05	61.10	61.35	61.72	61.95	**62.58**	62.57	62.43	61.84	61.04
6	61.05	60.80	60.30	60.30	60.40	60.63	61.21	61.41	**61.60**	61.29	60.89	60.38
7	59.90	59.50	59.10	59	59.05	59.39	60.01	60.44	**60.45**	60.28	59.97	59.37
8	59.15	58.80	58.45	58.45	58.50	58.85	59.61	60.15	**60.36**	**60.36**	60.01	59.45
9	58.25	58.05	57.75	57.90	58.10	58.71	58.85	59.69	**60.01**	59.80	59.13	58.64
10	59.25	58.75	58.50	58.50	58.80	59.01	59.57	59.89	**60.15**	60.13	59.70	59.07
11	58.55	58.10	57.80	57.85	58.05	58.16	58.55	**59.07**	59.05	58.96	58.49	57.78
12	58.15	57.70	57.25	57.55	57.75	58.17	58.83	59.35	59.60	**59.70**	59.56	59.05
13	58.10	57.85	57.75	57.60	57.80	57.98	58.38	**58.78**	**58.78**	58.64	58.14	57.65
14	57.65	57.40	57.25	57.55	57.80	58.01	58.59	58.98	**59.13**	59.04	58.97	58.36
15	58.95	58.75	58.75	59	59.20	59.43	59.67	60.06	60.21	60.16	59.74	59.25
16	60.35	60	59.85	59.95	60.20	60.41	60.83	61.38	**61.59**	61.48	60.85	60.52
17	60.75	60.45	60.20	60.20	60.45	60.60	61.07	61.55	**61.78**	61.46	61.04	60.35
18	60	59.75	59.40	59.15	59.15	59.46	59.99	60.69	61	60.94	60.45	59.81
19	60.70	60.40	60	60	60.25	60.65	60.94	61.46	61.55	61.58	61.22	60.62
20	61.45	60.95	60.60	60.55	60.75	61.16	61.68	62.51	**62.83**	62.73	62.32	61.75
21	60.55	60.30	59.95	60	60.10	60.55	60.98	61.61	**62.08**	62.03	61.69	61.09
22	60.65	60.15	59.90	60.05	60.60	60.89	61.27	61.95	**62.43**	62.25	61.69	60.92
23	61.05	60.70	60.10	60.25	60.65	61.25	61.70	62.30	**62.60**	62.39	62.04	61.42
24	61.35	61	60.60	60.55	60.65	61.01	61.43	61.98	**62.33**	62.18	61.73	61.17
25	61.60	61	60.75	60.75	60.95	61.10	61.49	62.29	**62.71**	62.63	62.23	61.48
26	61.60	61.25	60.95	60.80	60.90	61	61.53	62.18	62.43	62.40	62.20	61.67
27	61.95	61.65	61.45	61.60	61.80	62.26	62.76	63.31	**63.81**	63.80	63.29	62.92
28	62.95	62.60	62.05	62.10	62.25	62.49	62.86	63.52	**63.76**	63.64	63.31	62.61
29	61.30	61	60.65	60.60	60.65	60.96	61.47	61.95	62.20	**62.21**	61.80	61.06
30	60.45	60.30	60.15	60.35	60.55	60.96	61.52	61.77	62.02	**62.03**	61.66	61.02
31	61.15	61	60.80	60.70	60.85	61.11	61.51	61.83	**62.13**	62.02	61.48	60.69
Mean	60.34	60.02	59.74	59.78	59.97	60.28	60.74	61.26	**61.49**	61.38	60.96	60.35

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22.6	22.4	22	21.6	**21.4**	**21.4**	21.9	24.3	25.6	28	28.6	29.5
2	22.6	22.3	22.5	22.2	21.9	**21.6**	21.8	24.7	26.1	27.4	27.7	28.5
3	22.5	22.3	22.2	21.8	21.6	**21.2**	21.8	24.4	26.3	27.7	27.7	27.6
4	22.2	22.2	**22**	22.1	22.3	22.1	22.5	24.8	26.2	27.8	28.5	28.6
5	23.4	23.3	23.3	23.2	23.1	23	23	23.7	26.3	28.4	28.6	28.6
6	21.4	21.3	21.2	20.9	21	**20.6**	21.1	22.6	26	27.5	30.1	31.1
7	21.9	21.8	21.5	21.1	20.9	**20.5**	20.9	25.2	26.2	28	29.6	**30.6**
8	20.5	20	19.8	19.6	19.3	**19**	19.7	23.5	26.2	28.5	29.8	28.4
9	22.1	22.4	22.8	22.2	22.3	**21.9**	22.1	23.5	27.5	29.1	31.3	31.4
10	22.3	22	21.9	21.3	**21.2**	**21.2**	21.5	25.1	27.8	27.3	30.5	31
11	21.8	21	20.6	20.8	20.4	**20.3**	20.4	24.4	28	27.6	29.3	29.4
12	21.3	21.2	20.9	20.3	20.3	**20.2**	21.2	23.5	27.2	28.4	28.5	28.5
13	21.4	20.6	19.9	19.9	19.6	**19.4**	19.8	22.9	26.4	26.5	27.5	28.2
14	21.3	20.5	19.6	19.2	19	**18.8**	19	23.1	26.2	28	28	29
15	21.4	21.1	20.9	20.7	**20.2**	**20.2**	**20.2**	23.5	26.2	27.3	28	29.5
16	22.3	22.4	22.2	21.9	21.3	21.1	21	24.4	26.5	27.8	28	27.2
17	20.5	20.2	19.9	19.6	**19.3**	**19.3**	20.5	22.6	25.2	26.7	27.2	27.7
18	19.7	19.4	19.5	19	18.3	**18.1**	18.3	21.4	24.5	25.6	26.6	27.7
19	22.2	22.2	22.1	22	21.9	21.5	**21.3**	24.7	26.8	27.4	26.7	27.9
20	22.2	21.9	22.1	22.1	21.8	21.7	**21.6**	23.5	24.8	25.6	27.3	**27.4**
21	22	21.6	21.4	21.5	21.3	**21.1**	21.8	24.7	26.5	27	27.6	28.4
22	23.5	23.2	**22.9**	**22.9**	**22.9**	**22.9**	23	25.8	27.4	28.5	30.5	**31.8**
23	22.7	22.6	22.4	**21.9**	22.6	22.6	23	25.2	26.6	28	27.3	28
24	22	21.5	20.9	21.1	**20.8**	**20.8**	21.5	23.6	25	27.3	28.8	26.5
25	21.5	21.4	21	21	21.2	21	**20.6**	23.3	26.1	26.7	27.5	28.4
26	22.1	21.6	21.6	21.6	21.5	21.1	**21**	23.9	25.8	26	26.4	27.2
27	21.2	21.4	21.5	21.3	20.8	20.7	21	24.2	25.5	25.5	26.3	26
28	19.1	19	18.8	**18.6**	**18.6**	18.9	19	21	22.7	24.8	26	26.8
29	19.3	19.1	18.9	18.5	18.2	**18**	18.4	20.9	24.5	25.4	26.3	27
30	19.6	19.2	18.6	18.3	18.1	**17.6**	17.8	20.7	24	27.2	27.3	27.5
31	21.1	20.5	20.2	20.6	**20.1**	20.2	20.9	24.9	27.8	29.2	27.7	28.7
Mean	21.6	21.3	21.1	20.9	20.7	**20.6**	20.9	23.7	26.1	27.3	28.1	28.5

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57.97	57.57	**57.29**	57.65	58.13	58.63	59.14	59.50	59.85	60	59.90	59.70	59.10
59.53	58.78	**58.43**	58.54	58.80	59.34	60	60.80	61.20	61.20	61.45	61.40	60.09
60.57	**59.90**	59.92	60.31	60.76	61.07	61.79	62.05	62.50	**62.55**	62.50	62.35	61.49
60.71	**60.23**	60.28	60.48	60.59	61.47	61.66	62.15	62.60	62.30	62.20	62	61.68
60.23	59.54	59.07	**59.03**	59.51	60.05	60.62	61.30	61.70	61.70	61.55	61.35	61.11
59.52	58.89	**58.61**	58.68	59.07	59.60	59.95	60.40	60.65	60.65	60.60	60.45	60.31
58.70	58.24	**57.79**	57.89	58.38	58.87	59.59	60.10	60	59.95	59.80	59.45	59.38
58.69	57.95	57.59	**57.55**	57.67	58.17	58.63	58.90	59	58.90	58.80	58.75	58.86
57.87	57.44	**57.28**	57.56	58.01	58.27	58.75	59.50	59.70	59.65	59.60	59.50	58.67
58.02	57.47	**57.19**	57.30	57.52	57.91	58.32	58.60	58.75	58.95	59	58.90	58.72
56.93	56.44	**56.23**	56.32	56.57	57.09	57.77	58.10	58.20	58.55	58.25	58.20	57.88
58.14	57.54	**56.85**	56.87	57.28	57.73	58.10	58.30	58.40	58.40	58.40	58.35	58.21
56.89	56.28	**55.89**	56.20	56.62	57.02	57.41	57.60	57.85	57.85	57.80	57.80	**57.61**
57.60	57.10	**56.89**	56.92	57.37	57.74	58.29	58.80	59	59	59.05	59.10	58.15
58.40	**57.92**	**57.92**	58.20	58.65	59.20	59.91	60.15	60.40	60.60	**60.70**	60.65	59.41
59.79	59.14	**58.79**	58.84	59.39	59.89	60.31	60.80	61.20	61.15	60.95	60.80	60.35
59.53	58.75	**58.23**	58.34	58.80	59.20	59.66	60.05	60.35	60.45	60.25	60.30	60.16
59.18	58.51	**58.29**	58.51	58.86	59.20	59.84	60.40	60.80	61	**61.05**	61	59.85
59.78	59.12	**58.67**	59.02	59.78	60.09	60.62	61.15	61.75	61.85	**61.90**	61.75	60.62
60.85	60.36	**60.05**	60.14	60.41	60.48	60.58	61.10	61.20	61.35	60.95	60.85	61.15
60.35	59.33	58.82	**58.67**	59.18	59.55	60.19	60.65	61	61.05	61.10	60.85	60.49
59.99	59.13	**58.77**	58.92	59.13	59.82	60.43	60.95	61.20	61.40	61.40	61.20	60.63
60.37	59.59	**59.10**	59.14	59.42	59.85	60.52	61.05	61.40	61.90	61.80	61.65	60.93
60.42	59.65	**59.18**	59.50	59.69	59.88	60.48	61	61.50	61.95	61.80	61.70	60.95
60.47	59.72	59.39	**59.17**	59.48	59.85	60.09	60.85	61.55	61.70	61.65	61.75	61.03
60.80	60.40	**60.09**	60.16	60.47	60.92	61.32	61.85	62.15	62.40	**62.45**	62.30	61.43
62.28	61.64	61.22	**61.20**	61.54	61.94	62.36	62.75	63.05	63.05	63.25	63.20	**62.42**
61.79	60.95	60.29	**60.19**	60.39	60.49	60.93	61.35	61.75	61.90	61.80	61.65	61.98
60.17	59.23	**58.93**	58.94	59.19	59.41	59.69	60	60.55	60.70	60.70	60.70	60.59
60.26	59.61	**59.41**	59.58	59.78	60.09	60.64	61	61.50	61.50	61.45	61.45	60.79
59.82	59.20	**59.10**	59.22	59.82	60.48	61.09	61.40	61.85	61.80	61.80	61.55	60.93
59.54	58.89	**58.57**	58.68	59.05	59.46	59.96	60.41	60.73	60.82	60.77	60.67	60.16

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
30.7	29.4	30.5	28.2	26.5	25.1	25.1	24.9	24.5	23.9	23.5	22.9	25.2
29.3	**29.9**	29.8	27.7	27.4	25.7	24.8	24.2	24.3	23.8	23.7	23	25.1
27	**28.3**	27.9	27.4	26.7	25.1	24.7	24.4	23.6	23.6	23.8	22.9	24.7
29.1	28.4	28.1	27.9	27	26.8	26	25.1	25	24.4	24.1	23.6	25.3
28.6	**31**	30	29.5	28	26.9	26.1	25.7	24.2	23	22.4	**22.2**	25.6
31.4	30.2	30	29.5	28.3	26.1	25.1	24.6	23.9	23.6	23.2	22.8	25.1
30.4	30.3	30	29.3	27.3	25.7	24.6	23.9	22.6	22.1	21.4	21	24.9
30.3	**30.5**	29.5	29.2	27.8	25.2	24.2	23.5	23.2	23.1	22.7	22.4	24.4
30.3	31.3	**31.5**	30.1	28.2	25.8	25	23.9	23.5	23.3	22.6	22.1	25.7
31.4	**31.5**	31.3	30	28.5	26.7	24.9	24.2	23.2	22.7	22.8	22.1	25.5
29.8	28.5	**30.4**	29.9	28.4	26.5	25.1	24.2	23.5	23.1	22.8	22.2	24.9
30.3	29.3	29.4	29	27.7	26	24.8	24.3	23.3	23.2	22.6	21.5	24.7
28.7	**30.2**	29.2	28.3	27.6	26	24.9	23.4	22.9	22.5	21.9	21.8	24.1
29.1	28.2	27.9	28	27.2	25.5	24.6	23.1	22.7	22.2	21.4	21.3	23.9
29.8	29.6	29	27.6	26.8	24.9	24.4	23.5	22.8	22.7	22.9	22.7	24.4
28	28	**29.1**	27.2	25.8	24.6	23.3	21.9	21.6	21	**20.6**	20.9	24.1
28	28.8	28.9	**29**	27.8	25.2	23.7	22.3	22.1	21.6	20.6	20	23.6
27.6	**28.3**	26.8	27.9	26.2	25	23.3	23	22.7	22.6	23.1	22.3	23.2
28.7	27.9	**29**	27	26.3	25.6	25	24.2	23.9	23.3	23	22.3	24.7
26.4	26.4	25.9	26	25.6	24.6	23.6	23.1	23	23.2	23	22.5	24
27.3	**29.8**	29.7	29	28	26.7	25.4	25.2	24.9	24.6	24.4	23.8	25.2
30.2	30.7	30.5	27.5	27.3	26.1	25.2	24.8	24.1	23.6	23.2	23.3	**25.9**
28.3	**30.2**	29.1	29.3	28.3	26.3	25.5	24.8	24	23.4	22.8	22.5	25.3
27.7	27.7	**29.3**	25.5	25.7	24.5	24	24	23.6	23.1	22.3	22	24.1
28.7	**29.5**	28.4	29	26.5	25.1	24.5	24.1	23.8	23.1	22.5	22.1	24.5
28.2	26.7	26.9	27.5	26.2	24.9	24.1	22.8	21.9	21.7	21.5	21.6	23.9
26.2	**27.7**	27.1	27.6	25.7	22.9	21.7	21.4	20.4	19.9	19.6	**19.3**	23.1
26.8	**27.8**	**27.8**	**27.8**	26.5	24.6	22.9	22.1	21.1	20.6	20	19.4	**22.5**
27.1	27.5	26.4	**27.8**	26.8	24.2	23.3	22.1	21.4	20.8	20.2	20.1	22.6
27.6	27.6	**27.9**	27.3	27	25.7	24.3	23.7	23.1	22.5	22	21.3	23.2
29	**29.8**	29	28.2	26.4	25.1	23.7	23.5	23.5	23.3	22.6	22.5	24.5
28.8	**29.1**	28.9	28.2	27.1	25.5	24.4	23.7	23.2	22.8	22.4	21.9	24.4

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	89	91	92	93	94	94	**95**	85	80	75	73	72
2	95	96	95	96	96	**97**	96	91	79	77	75	73
3	91	92	92	**95**	**95**	94	**95**	82	74	70	69	70
4	92	**93**	**93**	**93**	91	92	92	87	79	74	76	73
5	92	92	92	93	93	93	**94**	91	79	70	71	67
6	83	84	84	83	85	88	**92**	89	79	76	60	55
7	87.5	87	87	89	90	**91**	90	76.5	67	56	52	47
8	86	89	89	89	89	**91**	**91**	76	65.5	60	50.5	55
9	87	87	86	90	93	94	**96**	90	77	65.5	57	56
10	87	88	87	89	90	89	**91**	79	69	70	54	53
11	86	89	90	87	90	90	**91**	82	71	70	56	58
12	87	88	90	**91**	**91**	**91**	89	85	72	66	64	66
13	88	91	93	93	**94**	**94**	**94**	83	72	67	70	66
14	85	90	90	**91**	89	88	88	68	65	**59**	65	62
15	89	91	89	91	**93**	92	**93**	82	73	70	63	55
16	86	88	88	90	94	**95**	**95**	78	68	58.5	60	61
17	91	92	94	94	**95**	94	90	81	68	64	60	62
18	89	90	89	92	93	**95**	**95**	84.5	75	71	65	**60**
19	82	85	88	88	88	91	**92**	72	65	63	67	64
20	85	87.5	86	86	88	89	**93**	85	79	76	68	**67**
21	89	90	90	88	89	**91**	88	82	77	73	70	69
22	91	93	**94**	93	**94**	93	93	81	76	69	65	**57**
23	**89**	**89**	87	**89**	88	**89**	**89**	81	74	66	71	70
24	88	90	**94.5**	92	94	94	91	80.5	76	68	**62**	69
25	95	93	**96**	95	95	94	94	84.5	75	69	70	63
26	86	87	89	90	90	90	**91**	80	70	69	66	64
27	89	88	85.5	85	88	88	85	72	65	65	61	63
28	**92**	**92**	**92**	91	90	86	86	79	73	65	63	60
29	89	90	90	91	92	**93**	**93**	87	73	66	63	63
30	90	92	94	94	94	**97**	95	87	79	61	60	58
31	87	**91**	**91**	88	**91**	**91**	89	70	59	52	60	54
Mean	88.5	89.9	90.2	90.6	91.5	**91.9**	91.8	81.6	72.7	67.1	64.1	62.3

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	18.2	18.3	18	17.8	**17.7**	**17.7**	18.5	19.1	19.5	21.1	21	22.2
2	19.3	19.1	19.2	19.2	18.8	18.6	18.7	**21**	19.9	20.9	20.7	**21**
3	18.4	18.4	18.3	18.4	18.1	**17.5**	18.4	18.7	18.9	19.5	19.1	19.2
4	18.3	18.5	**18.2**	18.3	**18.2**	**18.2**	18.6	20.2	20.1	20.6	22	21.1
5	19.7	19.6	19.6	19.7	19.5	19.4	19.6	19.9	20.2	20	**20.5**	19.5
6	15.7	15.8	15.7	**15.3**	15.8	15.9	17.1	18	19.8	**20.8**	19.2	18.6
7	17.1	16.8	16.5	16.6	16.5	16.3	16.5	**18.2**	17.1	15.6	16.1	15.5
8	15.4	15.4	15.2	15	**14.9**	**14.9**	15.6	16.4	16.5	17.5	15.7	15.7
9	17.1	17.5	17.7	17.9	18.6	18.3	18.9	19.5	**21**	19.6	19.4	19.2
10	17.4	17.4	16.9	16.8	16.8	16.7	17.3	18.6	**19.2**	18.8	17.6	17.9
11	16.6	16.5	16.2	**15.9**	16	**15.9**	16.3	18.7	**20.1**	19.2	17	17.7
12	16.4	16.5	16.5	16.2	16.2	**16.1**	16.7	18.2	19.2	19.1	18.6	19.2
13	16.7	16.4	16.1	16.1	16	**15.8**	16.2	17.3	18.4	17.3	**19**	18.8
14	16.1	16.1	15.3	15.1	14.6	**14.3**	14.4	**14.3**	16.4	16.7	18.2	18.5
15	16.9	16.9	16.3	16.5	16.4	16.3	16.4	17.7	18.5	**18.8**	17.8	16.9
16	17.2	17.6	17.4	17.6	17.6	**17.8**	17.6	17.6	17.4	16.3	16.9	16.3
17	16.3	16.3	16.3	16	15.8	15.7	16.1	16.5	16.3	16.8	16.1	17
18	15.3	15.1	15.1	15.1	**14.6**	14.7	14.9	16	17.1	17.4	16.8	16.7
19	**16.4**	16.9	17.3	17.2	17.3	17.3	17.3	16.6	17.1	17.1	17.5	17.9
20	**16.9**	17.1	17	17	17.1	17.2	17.8	18.4	18.3	18.5	18.2	18.2
21	17.5	17.3	17	**16.8**	**16.8**	16.9	17.1	18.9	19.9	19.4	19.2	19.9
22	19.6	19.7	19.5	19.3	19.5	19.3	19.4	20.1	20.5	20	21	19.9
23	18.3	18	17.5	17.4	17.9	18	18.5	19.3	19.1	18.6	19.2	**19.7**
24	17.2	17.2	17.3	**17.1**	17.2	17.2	17.3	17.4	17.8	18.2	18.2	17.8
25	18	17.6	17.8	17.6	17.7	17.3	17	18	18.8	18	**19**	18.1
26	17	16.8	17.1	17.3	17.2	16.7	16.8	**17.6**	17.3	17.2	17	17.2
27	**16.7**	**16.7**	16.3	16.1	16.1	16	15.8	16.2	15.7	15.7	15.6	15.8
28	15.2	15.1	14.9	14.5	14.4	**14**	14.1	14.6	14.9	15.1	15.8	15.8
29	14.9	14.8	14.7	14.4	**14.3**	**14.3**	14.6	16	16.7	15.8	15.9	16.7
30	15.3	15.3	15	14.7	14.5	14.5	**14.4**	15.8	**17.5**	16.5	16.2	15.7
31	16.2	16.3	16.1	15.9	16	15.9	16.3	**16.5**	**16.5**	15.6	**16.5**	15.7
Mean	17	17	16.8	16.7	16.7	**16.6**	16.9	17.8	**18.2**	18.1	18.1	18

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
69	72	**68**	75	82	88	87	85	87	90	90	93	84.1
68	64	**63**	72	70	73	77	81	82	84	85	90	82.3
75	66	**65**	66	70	78	80	82	86	86	84	90	81.1
73	**70**	74	78	86	83	82	87	86	89	91	91	**84.4**
68.5	57	56	**54**	58	60	64	64	73	78	81	79	75.8
53	**49**	52	55	58	70	72	74	77	78	80	82	73.2
45	**44**	47	47	54	60	66	70	77	80	82	83	**69.8**
50.5	**50**	54.5	58.5	64	74	76	80	81	81	83	85	73.7
54	**50**	51	52	60	71	73	78	80	81	85	88	75.1
47	**47**	49	53	55	61	70	74	80	81	80	85	72
60	67	61	**55**	60	63.5	70	74	78	79	78.5	81	74.5
62.5	67	64	68	67	74	73	76	82	81	84	88	77.8
63	**56**	59	63	66	69	70	74	78	82	84	83	77.2
60	64	65	65	74	77	80	83	81	83	89	89	77.1
49	**49**	50	53	60	69	71	76	80	81	83	83	74.4
61	60	**55**	57	64	68	76	82	84	88	91	88	76.5
62	59	**58**	**58**	**58**	63	70	76	76	79	84	88	75.7
64	62	67	63	61	65	73	74	75	77	78	82	76.6
61	67.5	**57**	63	66	69	72	76	77	81	83	88	75.2
70	71	75	78.5	78	82	85	86	85	84	85	88	81.5
76	69	**65**	66	71	77	83	83	84	86	87	90	80.5
62	60	63	79	73	81	80	81	85	87	89	88	80.3
63.5	**58**	62	**58**	61	67.5	70	71	76	80	84	84	75.7
68	70	67	86	84	88	89	87	89	89	92	92	83.3
59	**55**	62	63	73	79	82	81	81	82	85	86	79.6
61	63	62.5	**60**	62.5	69	73	80	85	85	85	87	76.9
62	56.5	55	**53**	59	72	77	78	84	88	89	**91**	75
64	**59**	60	60	62	67	72	73	78	81	85	88	75.8
64	**62**	66	65	67	75	79	79	78	81	85	88	78.3
57	58	**57**	61	63	67	72	75	79	81	83	87	76.7
55	52	53	**51**	59	65.5	73	71	72	73	78	77.5	71
61.5	**59.8**	60.1	62.5	66	71.8	75.4	77.8	80.5	82.5	84.6	86.5	77.1

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midinght.	Mean.
22.5	22.1	22.2	21.3	21	20.7	20.5	19.9	20	19.8	19.3	19.3	19.9
20.6	20.1	19.3	19.9	19.1	**17.9**	**17.9**	18.1	18.4	18.4	18.4	18.7	19.3
19.7	18.9	18.2	17.8	18.2	18.5	18.5	18.5	18.7	18.7	18.4	18.7	18.6
21.8	20	20.8	21.8	**22.7**	21.6	20.6	20.5	20.2	20.2	20.2	19.8	**20.1**
19.9	19	17.7	16.5	16.3	15.9	16.1	**15.6**	16.4	16.2	16.3	15.7	18.3
18	15.7	16.4	16.9	16.5	17.7	17	17	16.9	16.9	17	16.9	17.1
14.5	**14.2**	14.7	14.3	14.6	14.7	15.1	15.5	15.6	15.8	15.5	15.5	15.8
16.2	16.3	16.7	17.6	**17.7**	**17.7**	17	17.1	17.1	17	17.1	17.1	16.4
17.3	16.9	17.6	**16.5**	16.9	17.5	17.3	17.2	17.1	17.2	17.3	17.5	18
16.1	16	16.7	16.6	16	**15.9**	16.5	16.7	17	16.6	16.5	16.8	17
18.8	19.4	19.6	17.4	17.2	16.3	16.5	16.7	16.8	16.5	16.2	16.2	17.2
20	**20.3**	19.6	**20.3**	18.4	18.5	17	17.2	17.4	17.1	17.2	16.8	17.9
18.3	18	17.8	18	18.1	17.4	16.5	**15.8**	16.1	16.5	16.4	16.1	17
18	18.2	18	18.2	**19.8**	18.6	18.4	17.4	16.6	16.6	16.9	16.8	16.8
15.2	15	14.8	**14.6**	15.6	16.1	16.2	16.3	16.5	16.6	17.1	17.1	16.5
17.1	16.9	16.4	**15.4**	15.7	15.6	16.2	16.1	16.1	16.3	16.4	16.2	16.7
17.4	17.3	17.3	17.2	16.1	15	15.3	15.1	**14.9**	15.1	15.2	15.3	16.1
17.5	**17.6**	17.4	17.5	15.5	15.4	15.5	15.4	15.4	15.6	16.3	16.5	16
17.7	**18.8**	17	16.6	16.7	16.7	16.9	17	17.1	17.2	17.3	17.5	17.2
18	18.2	18.6	**19.6**	18.9	18.8	18.3	18.1	17.8	17.9	17.8	17.7	18
20.5	**21.4**	20.2	19.7	19.9	19.9	19.9	19.9	19.7	19.7	19.7	19.7	19
19.8	19.6	20.3	**21.6**	19.8	20.3	19.2	18.8	18.9	18.8	**18.7**	**18.7**	19.7
18.2	18.4	18.4	17.5	17.4	17.2	17	**16.5**	16.8	17	17.4	17.1	17.9
18.7	19.5	20.3	**20.9**	20.6	20.1	19.7	19.3	19.2	18.6	18.4	18	18.5
17.4	**16.9**	17.7	18.7	18.7	18.6	18.6	18	17.6	17.2	17.2	17	17.9
17.3	16.4	16.4	16.3	**15.8**	16.1	16.3	16.5	16.6	16.4	16.1	16.8	16.8
15.7	15.6	14.8	**14.4**	14.6	14.9	14.9	14.7	15	15.2	15.2	15.2	15.5
16.7	16.5	**16.8**	**16.8**	16	15.4	14.9	14.5	14.6	14.6	14.8	14.8	**15.2**
17	17	17	**17.9**	17.6	16.9	16.7	15.6	14.9	14.8	15	15.4	15.8
15.7	15.9	16	16.6	16.7	16.5	16.3	16.3	16.5	16.4	16.3	16.4	15.9
16.2	16.3	15.9	**14.4**	15	15.5	15.8	15.2	15.6	15.5	15.8	15.7	15.8
18	17.8	17.8	17.7	17.5	17.4	17.2	17	17	17	17	17	17.4

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	A.-Cu.	-----	A.-Cu.	-----	A.-Cu.	-----	-----	-----	-----	-----	-----	-----
2	-----	-----	A.-Cu.	E	A.-Cu.	E	-----	-----	-----	-----	-----	-----
3	Ci.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
4	A.-Cu.	-----	A.-Cu.	-----	A.-Cu.	-----	-----	-----	-----	-----	A.-Cu.	-----
5	A.-Cu.	-----	A.-Cu.	-----	A.-Cu.	-----	A.-Cu.	-----	-----	-----	A.-Cu.	-----
6	Ci.	SEbyS	Ci.-S.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----
7	Ci.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
9	-----	-----	-----	-----	Ci.-Cu.	E	Ci.	-----	A.-Cu.	-----	Ci.	-----
10	Ci.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
11	Ci.	-----	-----	-----	Ci.	-----	-----	-----	-----	-----	-----	-----
12	Ci.	-----	A.-Cu.	-----	A.-Cu.	-----	A.-Cu.	-----	-----	-----	-----	-----
13	-----	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----
14	Ci.-S.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----
15	Ci.-S.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.-S.	-----
16	A.-Cu.	ESE	Ci.	-----	Cl.	-----	Ci.	-----	Ci.	-----	Ci.	-----
17	Ci.-S.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----
18	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
19	A.-Cu.	-----	Ci.	-----	Ci.	-----	A.-Cu.	-----	-----	-----	-----	-----
20	-----	-----	Ci.-S.	-----	-----	-----	Ci.-S.	-----	-----	-----	Ci.-S.	-----
21	-----	-----	Ci.	-----	-----	-----	-----	-----	-----	-----	Ci.-S.	-----
22	-----	-----	A.-Cu.	-----	Ci.	-----	Ci.-S.	-----	Ci.	-----	A.-Cu.	-----
23	A.-Cu.	SSE	A.-Cu.	-----	A.-Cu.	-----	-----	-----	-----	-----	-----	-----
24	-----	-----	A.-Cu.	-----	A.-Cu.	-----	-----	-----	-----	-----	-----	-----
25	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.-S.	-----	-----	-----
26	Ci.	-----	A.-Cu.	-----	Ci.	-----	-----	-----	-----	-----	-----	-----
27	-----	-----	-----	-----	A.-Cu.	-----	-----	-----	-----	-----	-----	-----
28	A.-Cu.	-----	A.-Cu.	-----	A.-Cu.	-----	A.-Cu.	-----	A.-Cu.	-----	A.-Cu.	-----
29	-----	-----	-----	-----	-----	-----	-----	-----	Ci.	-----	-----	-----
30	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	-----	-----	A.-Cu.	-----
31	A.-Cu.	SE	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	E	Cu.	-----
2	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	E	Cu.	E
3	S.-Cu.	-----	Cu.	E	Cu.	E	S.-Cu.	E	Cu.	E	Fr.-N.	-----
4	S.-Cu.	E	S.-Cu.	-----	S.-Cu.	-----	S.-Cu.	-----	Cu.	-----	Cu.	-----
5	S.-Cu.	-----	S.-Cu.	-----	S.-Cu.	E	N.-cf.	E	Cu.	-----	N.-cf.	-----
6	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	E	Cu.	E	Cu.	-----
7	S.-Cu.	-----	Cu.	-----	Cu.	-----	Fr.-Cu.	E	Fr.-Cu.	E	Cu.	-----
8	S.-Cu.	-----	S.-Cu.	-----	Cu.	-----	Cu.	-----	Cu.	ESE	Cu.	ESE
9	Cu.	-----	N.-cf.	E	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	E
10	S.-Cu.	-----	Cu.	-----	Cu.	-----	S.-Cu.	E	Cu.	E	Cu.	E
11	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	E	Cu.	E
12	S.-Cu.	E	S.-Cu.	-----	S.-Cu.	-----	S.-Cu.	E	S.-Cu.	E	N.-cf.	-----
13	S.-Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----
14	S.-Cu.	-----	S.-Cu.	-----	-----	-----	-----	-----	Cu.	-----	Cu.	-----
15	S.-Cu.	-----	S.-Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----
16	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	E	Cu.	-----	Cu.	-----
17	S.-Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----
18	S.-Cu.	-----	Cu.	-----	Cu.	-----	Cu.	E	Cu.	E	Cu.	-----
19	S.-Cu.	-----	S.-Cu.	-----	S.-Cu.	-----	S.-Cu.	-----	N.-cf.	-----	N.-cf.	-----
20	S.-Cu.	-----	S.-Cu.	E	N.-cf.	-----	N.-cf.	-----	S.-Cu.	-----	Cu.-N.	-----
21	S.-Cu.	-----	S.-Cu.	-----	S.-Cu.	ESE	N.-cf.	ESE	N.-cf.	-----	S.-Cu.	-----
22	S.-Cu.	E	S.-Cu.	-----	Cu.	-----	Cu.	EbyN	Cu.	-----	Cu.	-----
23	S.-Cu.	-----	S.-Cu.	-----	Cu.	E	Cu.	E	Cu.	E	Cu.	E
24	S.-Cu.	E	S.-Cu.	-----	S.-Cu.	E	Cu.	-----	Cu.	E	Cu.-N.	-----
25	S.-Cu.	-----	S.-Cu.	-----	Cu.	-----	Cu.	-----	Cu.	NEbyN	Cu.	-----
26	S.-Cu.	-----	Cu.	-----	Cu.	E	Cu.	E	N.-cf.	-----	Cu.	E
27	S.-Cu.	E	Cu.	-----	Cu.	E	Cu.	E	Cu.	-----	N.-cf.	-----
28	S.-Cu.	-----	S.-Cu.	-----	S.-Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----
29	S.-Cu.	-----	S.-Cu.	-----	S.-Cu.	-----	S.-Cu.	-----	Cu.	-----	Cu.	-----
30	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	EbyN	Cu.	-----
31	S.-Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
---	---	---	---	---	---	---	---	Ci.-S.	---	Ci.-S.	---
A.-Cu.	---	A.-Cu.	---	A.-Cu.	---	A.-Cu.	---	A.-Cu.	---	Ci.	---
---	---	---	---	---	---	A.-Cu.	---	A.-Cu.	---	A.-Cu.	---
---	---	A.-Cu.	---	A.-Cu.	---	A.-Cu.	---	A.-Cu.	E	A.-Cu.	---
---	---	---	---	---	---	Ci.-S.	---	Ci.-S.	---	Ci.-S.	---
Ci.	---	Ci.-S.	---	Ci.-S.	---	Ci.-S.	---	Ci.-S.	---	Ci.	---
---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	A.-Cu.	---	A.-Cu.	---
Ci.	---	Ci.	---	Ci.	---	Ci.	---	Ci.-Cu.	---	---	---
---	---	---	---	---	---	---	---	---	---	Ci.-S.	---
---	---	Ci.	---	Ci.	---	Ci.	---	Ci.	---	Ci.-S.	---
---	---	---	---	---	---	---	---	---	---	A.-Cu.	---
Ci.	---	Ci.	---	Ci.	---	---	---	---	---	Ci.	---
Ci.	---	Ci.	---	Ci.	---	Ci.	---	Ci.	---	---	---
Ci.-S.	---	Ci.-S.	---	Ci.-S.	---	---	---	Ci.	---	---	---
Ci.-S.	---	Ci.	---	A.-Cu.	---	Ci.	---	Ci.-S.	---	Ci.	---
---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	Ci.-S.	---
---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	Ci.-S.	---	Ci.-S.	---
---	---	Ci.-S.	---	Ci.-S.	---	Ci.	---	---	---	---	---
A.-Cu.	---	A.-Cu.	---	A.-Cu.	---	---	---	---	---	---	---
A.-Cu.	---	A.-Cu.	---	A.-Cu.	SE	A.-Cu.	SE	A.-Cu.	---	A.-Cu.	---
---	---	---	---	A.-Cu.	---	---	---	---	---	Ci.	---
Ci.	---	Ci.-S.	---	Ci.-S.	---	Ci.	---	Ci.	---	Ci.	---
---	---	---	---	---	---	Ci.-S.	---	---	---	---	---
---	---	---	---	---	---	---	---	Ci.-S.	---	Ci.	---
A.-Cu.	---	A.-Cu.	---	---	---	---	---	Ci.	---	Ci.-S.	---
---	---	---	---	---	---	---	---	---	---	---	---
A.-Cu.	---	---	---	---	---	---	---	Ci.-S.	---	Ci.-S.	---
A.-Cu.	---	Ci.	---	Ci.	---	Ci.	---	Ci.	---	Ci.	---

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.	---	Cu.	---	Cu.-N.	---	Cu.	---	Cu.	---	Cu.	---
Cu.	ENE	Cu.	ENE	Cu.	NEbyE	S.-Cu.	---	S.-Cu.	NEbyE	S.-Cu.	---
Fr.-N.	E	N.-cf.	E	N.-cf.	E	Fr.-N.	E	S.-Cu.	E	S.-Cu.	---
Cu.	ENE	Cu.	---	Cu.	ENE	Cu.	---	Cu.	---	Cu.	---
N.-cf.	EbyN	Fr.-Cu.	EbyN	Fr.-Cu.	EbyN	Fr.-Cu.	---	Fr.-Cu.	---	Fr.-Cu.	---
Cu.	E	Cu.	E	S.-Cu.	---	Cu.	---	Cu.	---	S.-Cu.	---
Cu.	E	Cu.	E	Cu.	---	Cu.	---	Cu.	---	S.-Cu.	E
Cu.	---	Cu.	ESE	Cu.	EbyS	Cu.	ESE	Cu.	---	Cu.	---
Cu.	E	Cu.	---	Cu.	---	Cu.	---	Cu.	---	S.-Cu.	---
Cu.	E	Cu.	E	Cu.	E	Cu.	---	Cu.	---	Cu.	---
Cu.	E	Cu.	E	Cu.	---	Cu.	E	Fr.-Cu.	---	S.-Cu.	---
Cu.	---	N.-cf.	E	N.-cf.	---	N.-cf.	---	N.-cf.	---	S.-Cu.	---
Cu.	---	Cu.	---	Cu.	ENE	S.-Cu.	ENE	S.-Cu.	---	S.-Cu.	---
Cu.	---	Cu.	NE	Cu.	NE	Cu.	---	Cu.	---	Cu.	---
Cu.	EbyN	Cu.	EbyN	Cu.	EbyN	S,-Cu.	EbyN	S.-Cu.	---	S.-Cu.	---
Cu.	---	Cu.	---	Cu.	---	Cu.	---	Cu.	---	Cu.	---
Cu.	---	Cu.	---	Cu.	E	N.-cf.	E	Cu.	---	Cu.	---
Cu.	E	Cu.	E	N.	SSE	N.-cf.	E	Cu.	---	Cu.	---
N.-cf.	E	N.-cf.	---	N.-cf.	---	S.-Cu.	---	Cu.-N.	---	S.-Cu.	---
Cu.-N.	E	Cu.-N.	---	S.-Cu.	---	S.-Cu.	---	S.-Cu.	---	S.-Cu.	---
S.-Cu.	---	Cu.-N.	SE	Cu.-N.	---	Cu.	---	S.-Cu.	---	S.-Cu.	---
Cu.	---	Cu.	---	Cu.-N.	E	Cu.-N.	---	Cu.-N.	E	Cu.-N.	---
S.-Cu.	E	Cu.	---	Cu.	EbyN	Cu.	EbyN	S.-Cu.	---	S.-Cu.	---
Cu.-N.	E	Cu.-N.	---	Cu.-N.	E	Cu.-N.	---	Cu.-N.	---	S.-Cu.	---
Cu.-N.	NNE	Cu.	---	Cu.	N	Cu.	---	Cu.	---	Cu.	---
Cu.	E	N.-cf.	E	Cu.-N.	---	Cu.-N.	EbyN	Cu.-N.	---	S.-Cu.	---
N.-cf.	E	N.-cf.	E	Cu.	---	Cu.	E	Cu.	---	Cu.	---
Cu.	ENE	Cu.	ENE	Cu.	---	N.-cf.	---	N.-cf.	EbyN	Cu.	---
Cu.	E	Cu.	---	N.-cf.	E	Cu.	---	Cu.	---	Cu.	---
Cu.	EbyN	Cu.	EbyN	S.-Cu.	---	S.-Cu.	EbyN	Cu.	---	S.-Cu.	---
Cu.	---	N.-cf.	---	Cu.	NNE	Cu.	NE	Cu.	---	Cu.	---

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	Calm	--------	NE	0.5	NE	1	Calm	--------	Calm	--------	ENE	1.5
2	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	ENE	1
3	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
4	Calm	--------	NE by E	2	Calm	--------	NNE	2	N by E	3	N	2.5
5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
6	NNE	0.5	NNE	1.5	NE	1.5	NNE	1.5	NNE	1.5	NNE	1.5
7	NE	1.5	NE	2	NE	2.5	NE	2.5	NE	2	Calm	--------
8	NE	1	NE	.5	Calm	--------	NE	.5	NE	1.5	Calm	--------
9	Calm	--------	NNE	1.5	NNE	1	ESE	1.5	ENE	1.5	Calm	--------
10	ENE	1.5	NE	1.5	ENE	2	ENE	1.5	ENE	1	NE by N	.5
11	NE	1.5	ENE	1.5	ENE	1	ENE	1	Calm	--------	Calm	--------
12	Calm	--------	ENE	1	Calm	--------	Calm	--------	NNE	.5	NE	1.5
13	ESE	.5	NE	.5	Calm	--------	NE	.5	Calm	--------	NE by N	1.5
14	ESE	2	E	1	ENE	1	ENE	1.5	NE by E	1	Calm	--------
15	ESE	.5	ESE	1	NNW	1.5	N	1.5	NNE	.5	N	1
16	N	1.5	N	.5	N	1.5	ENE	1	ENE	.5	NE	.5
17	Calm	--------	Calm	--------	ENE	.5	ENE	.5	ENE	.5	NE	1
18	Calm	--------	ENE	.5	NNE	1	NNE	1	Calm	--------	Calm	--------
19	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
20	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
21	Calm	--------	SE	.5	SE	.5	NNE	1.5	NNE	1.5	NNE	1
22	Calm	--------	Calm	--------	Calm	--------	NE	.5	N	.5	Calm	--------
23	ESE	1.5	E	1.5	ESE	1.5	E	1	E	1.5	E	1.5
24	Calm	--------	Calm	--------	ENE	1	Calm	--------	Calm	--------	Calm	--------
25	N	.5	N	1	NNE	.5	N	1	N	1	Calm	--------
26	NE	5.5	NNE	3	N	2	N	1	NNE	1.5	N	1
27	Calm	--------	Calm	--------	N	2	N	2	N	2	Calm	--------
28	Calm	--------	NW	.5	N	1.5	N	1.5	N	2	N	1
29	Calm	--------	NE	1	NE	1	NE	1	ENE	1.5	Calm	--------
30	Calm	--------	Calm	--------	NE	1.5	NE	1	NE	1	E	1.5
31	ENE	1	ENE	1	ENE	1	NNE	1.5	NNE	1.5	Calm	--------
Mean	--------	.6	--------	.8	--------	.9	--------	.9	--------	.9	--------	.6

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	WSW	4.5	Calm	--------	E	2.5	N	4	Calm	--------	Calm	--------
2	W by S	4	W by N	3.5	SE	6	ESE	8	ESE	2.5	ESE	1.5
3	ESE	.5	ESE	5	E by N	4	E by S	4	E by N	.5	E	.5
4	SE	3	ESE	2.5	ESE	2	Calm	--------	Calm	--------	E	1.5
5	NW	3.5	E	4.5	E by N	5.5	E	7.5	ESE	5.5	ESE	6
6	E	2.5	E by N	5	E by N	4	E by S	3	E	3	N	2
7	E by S	6.5	E	6	ENE	3	E by S	2	E	4	ENE	2.5
8	E by N	4	ENE	5	E	5.5	ENE	2.5	ESE	1.5	NE	1
9	E	2	ESE	8	ESE	7	SE	2.5	E	2.5	E	.5
10	E by S	6.5	E	2.5	E	5	E	1.5	E	2	E by S	2.5
11	W	4.5	W	3	WSW	3.5	E	4.5	E by S	3.5	E	1.5
12	WSW	4	NNE	1.5	S	1.5	Calm	--------	Calm	--------	ESE	1.5
13	W by N	2	SSE	6	SE	4	SE	4	SE	5	SE	1.5
14	W	4	W	4	W by S	2	SSW	2	SSW	1.5	ESE	1.5
15	E	5.5	E	3	E	4.5	ENE	10	NE	3.5	NE	2
16	ENE	1.5	NNE	2	E	5.5	E	4.5	E	4.5	E	1
17	W	4	W	4.5	WSW	2.5	Calm	--------	NW	1	E by N	1
18	WSW	2	W by S	2	WSW	2.5	Calm	--------	E	3	Calm	--------
19	WNW	2.5	Calm	--------	NW	6	Calm	--------	Calm	--------	SE	1.5
20	NW	1.5	Calm	--------	SW	.5	Calm	--------	Calm	--------	Calm	--------
21	S	1.5	ENE	5	ESE	5	SE	4.5	ESE	1.5	Calm	--------
22	SE	5	SE	4	ESE	5	SE	3.5	SE	8	NE	.5
23	ENE	2.5	ESE	2.5	SE	3.5	SE	3.5	SE	3.5	SE	2
24	W by S	3	Calm	--------	SW	2	Calm	--------	SE	1.5	Calm	--------
25	NNW	5	NE	2	E	2.5	Calm	--------	ESE	1.5	Calm	--------
26	SW	1	SW	2	W	1	E	2.5	E	1.5	ENE	2
27	W	4	Calm	--------	ESE	5	SE	5.5	Calm	--------	ENE	1
28	SSW	2	SW	2	WSW	1.5	WSW	4	NE	1.5	Calm	--------
29	WSW	3.5	W by S	5	WSW	2.5	SSW	2.5	SE	3	ESE	3
30	WSW	4	WSW	4	W	1	W by N	2.5	Calm	--------	N by E	1.5
31	NNE	4.5	NE	9	NE	8	NE	7.5	NE	7	N	1.5
Mean	--------	3.4	--------	3.3	--------	3.7	--------	3.1	--------	2.3	--------	1.3

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
NNE	1.5	N	1.5	Calm	--------	W	2.5	W	2.5	W	5
Calm	--------	Calm	--------	WSW	1.5	WSW	1.5	WSW	2.5	WNW	2.5
Calm	--------	E	.5	ENE	.5	WNW	.5	Calm	--------	Calm	--------
N by E	1	N	3	N by W	4	Calm	--------	WSW	1.5	Calm	--------
N	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	WNW	4
NNE	1	NE	1.5	Calm	--------	WNW	2	E	3	E	6
E	1	Calm	--------	ESE	.5	NE	1	NNE	2	ESE	6
NNE	1	N	1	NE	.5	E	.5	ESE	2	ENE	6.5
NE by E	1	NNE	1	NE	1	E	2.5	ENE	6.5	E	8
Calm	--------	Calm	--------	Calm	--------	WNW	1	E by S	6	E by S	2.5
ENE	1	NNE	.5	Calm	--------	W	3.5	WNW	4.5	W by S	4.5
N	1.5	NE by N	1	NNE	1.5	NNE	.5	NW by N	5	NNW	3
NNE	1.5	NE	1.5	Calm	--------	SW	2	W	1.5	WSW	2.5
NNE	1.5	NE	2	N	4	NNW	4	NW	8	WNW	3
Calm	--------	Calm	--------	SSW	1.5	W	2	NW	2	E	1.5
ENE	.5	NE	1	NE	3	E	2.5	ENE	1.5	WNW	3.5
N	1	N	2.5	N	1	NW	2.5	W by N	2.5	W by S	5.5
Calm	--------	Calm	--------	WNW	1.5	W by N	3.5	W	4	W by S	3
E	.5	Calm	--------	WNW	1	WSW	1.5	WSW	1	Calm	--------
NE	.5	Calm	--------	NNE	2	NE	.5	NE	1	S by W	2.5
N by E	2	NNE	1.5	NNE	1	WNW	1	S by W	1.5	S by E	1
NE	.5	NE	.5	SE	3.5	ESE	2.5	SE	3.5	ESE	3.5
E	1.5	E	1	E	1.5	ENE	1.5	ESE	1	W	1.5
Calm	--------	Calm	--------	ENE	2	E by N	1.5	ENE	.5	W	1.5
Calm	--------	Calm	--------	NNE	2	NNE	1	W	3	NNE	2
N	2	N by W	2.5	Calm	--------	WSW	2.5	SSW	1.5	WSW	2.5
N	.5	N	1.5	SW	1	WNW	1	W by N	2	W	1.5
N	2	NNE	2	Calm	--------	WNW	2	W	2	WSW	3.5
Calm	--------	Calm	--------	NNE	..5	W	2	W	4.5	WSW	3.5
Calm	--------	NE	1.5	NNE	1	Calm	--------	W by S	4	W	1.5
Calm	--------	NNE	1.5	ENE	3	ENE	2.5	ESE	1.5	NNE	5.5
--------	.8	--------	.9	--------	1.3	--------	1.7	--------	2.6	--------	3.1

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		12 m. n.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
ESE	1.5	SE	1.5	NE	0.5	Calm	--------	Calm	--------	Calm	--------	1.3
ESE	2	ESE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	1.5
Calm	--------	Calm	--------	Calm	--------	Calm	--------	ESE	2	Calm	--------	.8
ESE	1.5	SE	1	N	.5	Calm	--------	Calm	--------	Calm	--------	1.3
E by S	4.5	ESE	2.5	E	1	E by S	1	E	1	ENE	1.5	2
N	4	NE	3	NNE	3.5	NNE	2.5	NNE	3	E	2	2.5
Calm	--------	ENE	1	Calm	--------	Calm	--------	Calm	--------	NE	.5	1.9
NNE	2	NNE	.5	NNE	1	NNE	.5	NNE	.5	Calm	--------	1.6
E by S	.5	Calm	--------	E	.5	ENE	1	ENE	.5	ENE	.5	2.1
Calm	--------	Calm	--------	Calm	--------	NE	.5	ENE	.5	Calm	--------	1.6
Calm	--------	Calm	--------	Calm	--------	Calm	--------	ENE	.5	ENE	1.5	1.7
ESE	1.5	SE by E	3.5	ESE	2	ESE	2	Calm	--------	Calm	--------	1.4
ESE	1	SE by E	2	SE by E	2	SE by E	2	ESE	1.5	ESE	2	1.9
ENE	1.5	E	1	ESE	1	SE	.5	Calm	--------	ESE	1	2
NE	1	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	1.8
Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	1.5
ENE	.5	ENE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	1.3
Calm	--------	Calm	--------	Calm	--------	Calm	--------	ESE	.5	Calm	--------	1
Calm	--------	SE	1.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	.6
Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	.4
ESE	2.5	SE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	1.4
ESE	3.5	SE	2.5	ESE	2	ESE	1.5	ESE	1	ESE	2	2.2
ESE	3.5	ENE	1	Calm	--------	Calm	--------	Calm	--------	SW	.5	1.6
Calm	--------	E	.5	E	.5	Calm	--------	Calm	--------	Calm	--------	.6
Calm	--------	NW	1.5	NNW	4.5	N	5	N	5	N	4	1.8
Calm	--------	Calm	--------	Calm	--------	NNW	1	NNW	1.5	N	.5	1.6
E	2	ESE	1.5	ENE	.5	Calm	--------	Calm	--------	Calm	--------	1.4
Calm	--------	E by S	1	E by S	1	E by S	1	Calm	--------	Calm	--------	1.3
ESE	1	ESE	1	ESE	1.5	ESE	1	ESE	.5	ESE	.5	1.7
NNE	1	NNE	1	NNE	1.5	Calm	--------	Calm	--------	Calm	--------	1.2
Calm	--------	NNW	2.5	WNW	3	WNW	2.5	WNW	1.5	NW	2.5	2.9
--------	1.1	--------	1	--------	.9	--------	.7	--------	.6	--------	.6	1.5

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-noon.
1	2.5	2.5	2.5	0.5	0	1	3	4.5	1.5	2.5	10.5	10.5
2	.5	0	0	1	.5	0	0	0	2	4	8	10.5
3	.5	0	0	0	.5	1	2	2	3	2	4.5	1
4	.5	2	1	2	6.5	8.5	7.5	7	8.5	6	5	6
5	0	.5	0	0	.5	.5	.5	1	1	0	3	14
6	3.5	4	7	6	6.5	5.5	6	5	4	6	11	**19.5**
7	7	7.5	7.5	8	8	5	6	4	2	4.5	6	**24**
8	3.5	3	2.5	1.5	4	5.5	4.5	3	2	5	9.5	14
9	.5	3	5	3.5	2.5	3	2	5	4	6.5	16.5	20.5
10	4.5	5	8	5	3.5	5	3.5	1	1	6	10	15.5
11	1.5	3.5	3.5	2.5	3	1	0	1.5	1	1.5	**15**	11
12	2	1	0	1	2.5	1	4.5	5	2.5	2.5	8	**14**
13	3	3.5	1.5	2.5	3	2	4.5	2.5	1	3	9	9
14	7.5	4.5	4	6	5	3	5	5	10	14	16	**18**
15	4	1.5	4.5	4.5	3.5	4	1	1	.5	3.5	13	10.5
16	4.5	2.5	3.5	4.5	1	.5	.5	1	4	6.5	4	5
17	1.5	1	1	2.5	1	1	4.5	3.5	5.5	3	14	**16**
18	0	1.5	4	2	1.5	1	.5	0	.5	4.5	**14**	13
19	.5	1	.5	0	0	0	.5	1	3.5	5.5	7.5	2.5
20	3	.5	.5	1	.5	0	.5	.5	2.5	**9**	3	2.5
21	0	.5	2	3.5	4	4.5	6	5.5	2.5	5	4.5	3
22	0	0	0	2	3	2.5	.5	1.5	2	4.5	9.5	13.5
23	5.5	5.5	5	4.5	4.5	3.5	2.5	3.5	6.5	6.5	4.5	4.5
24	1	.5	.5	1.5	1.5	.5	.5	0	2	4	5	7
25	2.5	5.5	4	5	5	4	1.5	2	6	9	12	12
26	**19**	11	7	5.5	5.5	8	3	9	7	4	9	10
27	2	.5	3.5	6	4	5	4	3	3.5	8.5	8	7.5
28	1	1.5	3.5	6	4.5	7.5	7	7	7.5	4.5	10	**14**
29	1	3	3.5	2.5	5	6.5	3	2	2	6	**15**	14.5
30	2.5	0	2.5	5	4	5	3.5	5	8	6.5	9	**17**
31	3.5	3	3.5	5.5	6	3.5	.5	1.5	7	9	16	27
Mean	2.9	**2.5**	3	3.3	3.2	3.2	2.9	3	3.7	5.3	9.4	11.8

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. m.
1	3	3	2	2	4	7	5	6	7	7	5	2	4.4	7 30
2	3	3	3	4	5	4	4	5	6	6	6	4	4.4	8 15
3	4	6	7	9	7	10	10	9	9	7	7	4	7.4	3 30
4	5	2	7	7	7	7	9	8	9	9	7	10	7.2	4 15
5	9	4	7	8	6	9	7	2	1	1	1	1	4.7	7 30
6	7	8	7	9	7	6	4	5	7	6	6	4	6.3	5 25
7	3	3	1	2	3	5	2	1	0	0	1	4	**2.1**	8 55
8	2	2	1	1	3	3	4	5	5	6	6	3	3.4	**9 15**
9	2	7	4	3	5	6	5	7	5	7	4	3	4.8	8 20
10	3	2	2	8	3	2	4	4	4	3	3	2	3.3	9 00
11	3	2	2	2	6	5	4	5	4	2	1	3	3.2	8 30
12	5	7	2	3	3	4	8	7	7	7	6	6	5.4	6 05
13	2	1	1	1	2	2	2	2	3	8	7	4	2.9	7 50
14	7	4	3	3	4	4	6	7	6	5	5	6	5	8 10
15	5	4	6	4	7	8	6	8	7	8	6	9	6.5	7 40
16	8	3	4	5	8	9	8	6	8	9	7	7	6.8	5 00
17	6	2	3	2	1	2	3	5	5	6	7	2	3.7	7 30
18	2	1	1	2	3	3	5	5	7	5	1	2	3.1	6 45
19	4	1	1	8	10	9	8	9	9	10	9	10	7.3	4 00
20	9	10	10	10	10	10	10	10	10	9	10	10	**9.8**	**0 15**
21	7	5	9	10	10	10	10	8	6	6	9	9	8.2	5 20
22	4	5	3	6	6	7	6	5	5	8	9	9	6.1	8 00
23	8	5	9	7	10	10	9	7	7	6	7	8	7.8	3 35
24	7	5	8	7	7	9	9	9	7	9	7	4	7.3	3 45
25	3	3	3	5	8	8	10	10	9	7	9	6	6.8	7 30
26	4	6	4	4	9	5	7	8	8	9	7	7	6.5	5 20
27	4	3	5	7	9	9	9	7	5	4	2	1	5.4	6 10
28	7	7	8	8	6	7	8	7	4	6	7	2	6.4	5 15
29	2	1	1	3	4	3	3	3	7	6	5	4	3.5	8 00
30	1	1	1	2	4	6	4	7	8	8	2	5	4.1	6 40
31	5	3	4	5	7	6	7	9	7	8	8	6	6.2	7 30
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	200 45
Mean	4.6	**3.8**	4.2	5.1	5.9	6.3	6.3	6.3	6.2	**6.4**	5.7	5.1	5.5	6 29

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11—mdt.	Mean.
11	5. 5	**11.5**	**11.5**	3	0	1. 5	6	6	4	2	1	4. 4
13	**15**	14	13	10	3	2	3	2	1	1	0	4. 3
4	11. 5	12	**14**	9. 5	2	1. 5	0	0	0	2. 5	2	3. 1
6	**14**	11	4. 5	. 5	3. 5	7. 5	3	3	2	2. 5	. 5	4. 9
11	9	14. 5	**24**	18. 5	13	15. 5	10. 5	7. 5	3	3. 5	5. 5	6. 5
17. 5	14	14	16	12. 5	10. 5	14	15	11	9	8	9	9. 8
22	22	19	17	18	12	7	5	1	2	1	1. 5	9
16	15	**16.5**	13	10. 5	10	8. 5	6	6. 5	6	5	3. 5	7. 3
21	**23**	21	19	18	7	4. 5	2. 5	1	3	1	2. 5	8. 1
16. 5	**18**	17	10	13. 5	8. 5	1. 5	. 5	1	. 5	1. 5	1	6. 6
12	11	11	7	13	10	2	0	0	0	1	4	4. 8
4. 5	5. 5	4. 5	4. 5	11	4	7	12	9	8	4. 5	1. 5	5
14	14	16	**17**	14	7. 5	6. 5	6	8	7. 5	6	4. 5	6. 9
16	12	5. 5	3	1. 5	4	6	4. 5	4	3. 5	1	1	6. 7
18	18	17	**23.**5	17	10	4	1. 5	0	0	. 5	1. 5	6. 8
4. 5	9. 5	12	15	**15.5**	11. 5	4	. 5	. 5	0	0	. 5	4. 6
14	11	11	6	2. 5	5	2	1	3	3. 5	. 5	0	4. 8
11	8	10. 5	5	4	4. 5	1	. 5	1. 5	0	1	2. 5	3. 8
11. 5	5	**13**	8	8	5. 5	3. 5	4	4	1	0	0	3. 6
1. 5	. 5	1. 5	2	0	2	. 5	0	. 5	1	1	. 5	**1.4**
5. 5	**11.5**	**11.5**	10. 5	8. 5	3	. 5	4	3. 5	2	0	0	4. 2
17. 5	16. 5	**18**	12. 5	15	10. 5	9. 5	8. 5	6. 5	6	4. 5	6. 5	7. 1
9. 5	**13**	12	11	9	10	9	5	3	1. 5	. 5	2	5. 9
8	6. 5	5	5. 5	3	5	4	5	2. 5	2	1	1	3
17	**17**	12	4	9	5. 5	2. 5	12	6	14	14	14	8. 1
7	7	7. 5	6	15. 5	10	4. 5	. 5	0	3	2. 5	3. 5	6. 9
13. 5	6. 5	11. 5	**15**	12	5. 5	2. 5	5. 5	3. 5	1. 5	1	1. 5	5. 6
11. 5	9. 5	7	10. 5	10. 5	5. 5	2	4	4	4	4	1. 5	6. 2
15	14	10. 5	6	10. 5	11	8	5	5. 5	4. 5	4. 5	4. 5	6. 8
13	9	10	10	6	9	8	5	7	5. 5	1	0	6. 3
27	**29**	28. 5	28. 5	27	18	3	3	9	9	6. 5	7	**11.7**
12.6	12. 3	12. 5	11. 4	10. 5	7. 3	5	4. 5	3. 9	3. 5	2. 7	2. 7	5. 9

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	2	1	3	1	1	1	1	------	------	------	------	1	3	------	------	------	10	104. 5	3	------
2	------	------	------	1	------	5	1	------	------	------	------	3	1	2	------	------	11	103. 5	2. 9	------
3	------	------	------	1	4	4	------	------	------	------	------	------	------	1	------	------	14	75. 5	2. 9	------
4	4	3	------	1	1	3	2	------	------	------	------	1	------	------	------	------	9	118. 5	2. 6	------
5	1	------	------	1	5	5	------	------	------	------	------	------	------	1	1	------	10	156. 5	4	------
6	2	9	3	------	7	1	------	------	------	------	------	------	------	1	------	------	1	234. 5	4. 7	------
7	------	1	7	3	3	4	------	------	------	------	------	------	------	------	------	------	6	217	5	------
8	1	6	6	3	3	2	------	------	------	------	------	------	------	------	------	------	3	174. 5	4. 2	------
9	------	3	1	6	6	4	1	------	------	------	------	------	------	------	------	------	3	195. 5	5. 2	0. 6
10	------	------	3	5	4	4	------	------	------	------	------	------	------	1	------	------	7	157. 5	4. 8	------
11	------	1	1	6	2	1	------	------	------	------	------	1	4	1	------	------	7	116	4	------
12	1	4	2	1	------	4	1	------	1	------	------	1	------	------	------	2	7	120	3. 4	------
13	------	1	4	------	------	4	7	1	------	------	1	1	1	1	------	------	3	165. 5	4. 5	------
14	1	1	1	4	2	4	1	------	------	2	------	------	3	1	1	1	2	160	3. 7	------
15	2	1	3	1	4	2	------	------	------	1	------	------	1	------	1	1	7	162. 5	4. 8	------
16	3	1	3	5	5	------	------	------	------	------	------	------	------	1	------	------	6	111	3. 5	------
17	3	------	1	5	1	------	------	------	------	------	------	1	3	1	2	------	7	114	3. 7	------
18	------	2	------	1	1	1	------	------	------	------	------	2	3	2	------	------	12	92	3. 7	------
19	------	------	------	------	1	------	2	------	------	------	------	2	------	2	1	------	16	86	3. 8	------
20	------	1	3	------	------	------	------	------	------	1	1	------	------	------	1	------	17	**34.5**	**1.9**	. 8
21	------	6	------	1	------	3	4	------	2	1	------	------	------	1	------	------	6	101. 5	3. 2	------
22	1	------	4	------	------	8	7	------	------	------	------	------	------	------	------	------	4	170. 5	4. 1	------
23	------	------	------	3	7	5	4	------	------	------	1	------	1	------	------	------	3	142	3. 8	------
24	------	------	------	3	3	------	1	------	------	------	1	------	2	------	------	------	14	72. 5	2	**4.8**
25	7	4	1	------	1	1	------	------	------	------	------	------	1	------	1	2	6	195. 5	4. 2	------
26	6	2	1	1	2	------	------	------	------	1	2	2	1	------	------	2	4	165	3. 4	------
27	5	------	------	2	1	2	1	------	------	------	1	------	2	2	------	------	8	135	3. 8	------
28	5	1	1	------	------	3	------	------	------	1	1	3	1	1	1	------	6	148	3. 6	------
29	------	1	3	1	------	7	1	------	------	1	------	3	3	------	------	------	4	163	3. 9	------
30	------	5	4	------	1	------	------	------	------	------	------	2	3	1	------	------	8	151. 5	4. 3	------
31	1	5	4	5	------	1	------	------	------	------	------	------	------	3	1	1	3	**281.5**	**6.7**	------
Total Mean	45 1. 5	59 1. 9	59 1. 9	61 2	65 2. 1	79 2. 5	34 1. 1	1 0	3 0. 1	8 0. 3	8 0. 3	23 0. 7	33 1. 1	23 0. 7	10 0. 3	9 0. 3	224 7. 2	4, 425 142. 7	119. 3 3. 8	6. 2 0. 2

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	760. 40	8. 30a.	30. 8	3. 05p.	95	22. 5	757. 15	2. 55p.	21	5. 35a.	68	17. 7
2	61. 65	9. 45a.	30. 5	2. 05p.	**97**	21	58. 35	3. 25p.	21. 2	6. 20a.	63	17. 9
3	62. 65	9. 45p.	29. 2	1. 50p.	95	19. 7	59. 85	2. 30p.	21. 1	6. 25a.	65	17. 5
4	62. 85	8. 55a.	31. 2	1. 35p.	93	**22.7**	60. 15	2. 20p.	21. 7	2. 55a.	**70**	18. 2
5	62. 65	8. 40a.	31. 5	2. 05p.	94	20. 5	58. 95	3. 40p.	21. 8	11. 55p.	54	15. 6
6	61. 65	8. 40a.	32. 2	1. 20p.	92	20. 8	58. 55	2. 45p.	20	6. 20a.	49	15. 3
7	60. 60	8. 40a.	31	0. 05p.	91	18. 2	57. 79	3. 00p.	20. 3	6. 20a.	**44**	14. 2
8	60. 45	8. 45a.	31. 8	2. 20p.	91	17. 7	57. 45	3. 20p.	17. 8	6. 10a.	50	14. 9
9	60. 05	9. 05a.	32. 4	0. 40p.	96	21	57. 25	2. 30p.	21. 6	5. 55a.	50	16. 5
10	60. 15	9. 00a.	**32.8**	1. 35p.	91	19. 2	57. 15	3. 15p.	20. 4	4. 20a.	47	15. 9
11	59. 07	8. 00a.	31. 2	3. 45p.	91	20. 1	56. 20	2. 55p.	19. 9	6. 35a.	55	15. 9
12	59. 75	9. 15a.	31. 2	0. 55p.	91	20. 3	56. 80	3. 35p.	19. 8	5. 55a.	62. 5	16. 1
13	**58.85**	8. 25a.	31. 1	2. 30p.	94	19	**55.89**	3. 00p.	19. 2	5. 30a.	56	15. 8
14	59. 15	8. 45a.	30. 3	3. 20p.	91	19. 8	56. 89	3. 00p.	18. 6	6. 15a.	59	14. 3
15	60. 85	10. 20p.	31. 2	0. 35p.	93	18. 8	57. 85	2. 15p.	19. 3	6. 35a.	49	14. 6
16	61. 65	9. 25a.	29. 6	2. 50p.	95	17. 8	58. 75	3. 30p.	20. 2	11. 40p.	55	15. 4
17	61. 85	8. 30a.	30. 4	2. 55p.	95	17. 4	58. 20	3. 05p.	18. 8	5. 55a.	58	14. 9
18	61. 10	10. 30p.	29. 8	1. 25p.	95	17. 6	58. 20	2. 45p.	17. 5	5. 35a.	60	14. 6
19	61. 90	11. 00p.	29. 9	0. 35p.	92	18. 8	58. 67	3. 00p.	20. 7	6. 40a.	57	16. 4
20	62. 83	9. 00a.	**27.5**	11. 05a.	93	19. 6	59. 80	3. 35p.	21. 3	6. 30a.	67	16. 9
21	62. 15	9. 10a.	31. 3	2. 25p.	91	21. 4	58. 67	4. 00p.	20. 3	5. 45a.	65	16. 8
22	62. 43	9. 00a.	32. 1	1. 30p.	94	21. 6	58. 77	3. 00p.	**22.3**	3. 50a.	57	**18.7**
23	62. 60	9. 00a.	30. 4	2. 05p.	**89**	19. 7	59. 10	3. 00p.	21. 5	3. 55a.	58	16. 5
24	62. 40	9. 15a.	30. 2	11. 20a.	94. 5	20. 9	59. 10	3. 20p.	20. 4	5. 20a.	62	17. 1
25	62. 71	9. 00a.	30. 9	1. 45p.	96	19	59. 10	3. 45p.	20. 3	6. 40a.	55	16. 9
26	62. 55	10. 40p.	29. 2	1. 15p.	91	17. 6	60	2. 55p.	20. 6	6. 45a.	60	15. 8
27	**63.85**	9. 30a.	29. 4	3. 35p.	91	16. 7	**61.15**	3. 25p.	19. 3	12m. n.	53	14. 4
28	63. 76	9. 00a.	29. 5	3. 20p.	92	16. 8	60. 15	3. 50p.	18. 5	4. 20a.	59	**14**
29	62. 35	9. 35a.	29. 2	3. 15p.	93	17. 9	58. 85	3. 35p.	17. 7	5. 50a.	62	14. 3
30	62. 05	10. 15a.	29. 4	1. 50p.	**97**	17. 5	59. 30	2. 55p.	**17.4**	6. 40a.	57	14. 4
31	62. 13	9. 00a.	30. 6	1. 05p.	91	**16.5**	59. 10	3. 00p.	19. 9	5. 15a.	51	14. 4
Mean	761. 58	--------	30. 6	--------	93	19. 3	758. 49	--------	20	--------	57. 3	15. 9

DAILY GENERAL REMARKS.

1----⌓°, ≡ a.; ⇲ NE quad., ●° in the afternoon.
2----≡ a.; somewhat gusty ESE winds in the afternoon.
3----d at noon.
4----≡, d° in the morning.
5----≡ a.; somewhat gusty Ely. winds in the afternoon.
6----≡ a.
7----≡ a. p.
8----≡ a.
9----≡°, ●° early in the morning; somewhat gusty Ely. winds in the afternoon.
10----≡ a.
11----≡ a.
12----≡ a., d 1.10 p.
13----≡ a.
14----≡ a.; somewhat gusty NW winds in the forenoon.
15----≡° a.; gusty ENE winds in the afternoon.
16----⌓, ≡ a.
17----≡ a.
18----⌓^{2}, ≡ a.
19----≡ a.
20----≡°, d in the morning; ●° in the afternoon.
21----≡° a.
22----≡° a.; d°, ⌒°, somewhat gusty SE winds in the afternoon.
23----≡° a.
24----≡° a.; ●^{2} in the afternoon.
25----≡° a.
26----≡° a.
27----≡° a.
28----≡° a.
29----≡ a.
30----≡° a.
31----≡° a.; gusty NE winds in the afternoon.

OBSERVATIONS FOR FEBRUARY, 1910.

ATMOSPHERIC PRESSURE, 700$^{\text{mm}}$+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	61.50	61.45	61.25	61.35	61.55	61.83	62.30	63.10	63.41	63.34	63.19	62.63
2	63.55	63.40	63	62.95	62.85	63.24	63.56	64	64.25	64.22	64.02	63.48
3	64	63.50	63.15	62.95	63	63.51	63.85	64.25	**64.68**	64.62	64.05	63.43
4	63.20	62.65	62.15	62.05	62.05	62.47	62.77	63.20	**63.29**	63.03	62.49	61.52
5	60.95	60.45	59.80	59.90	60.05	60.69	60.98	61.26	**61.50**	61.49	60.89	59.94
6	60.10	59.55	59.15	58.95	58.90	59.15	59.46	59.95	**60.44**	60.30	59.74	59.03
7	59.90	59.45	58.95	59	59.05	59.49	60.07	60.36	**60.78**	60.74	60	59.25
8	59.05	58.60	58.20	58.20	58.45	58.76	59.02	59.37	59.70	**59.79**	59.49	58.95
9	58.15	58.05	58	58	58	58.15	58.41	58.53	58.78	58.80	58.28	57.78
10	58.80	58.65	58.55	58.60	58.85	59.29	59.61	59.85	59.99	**60.01**	59.59	58.90
11	58.55	58.40	58.15	58.45	58.55	59.16	59.86	60.05	60.59	**60.63**	60.27	59.67
12	59.50	58.95	58.45	58.50	58.60	59.02	59.60	59.90	**60.14**	**60.14**	59.69	59.06
13	59.35	58.95	58.80	58.90	59.05	59.32	59.80	60.07	60.52	**60.68**	60.16	59.52
14	59.95	59.45	59.35	59.45	59.60	60	60.56	60.75	**61.02**	60.70	60.03	59.27
15	59.50	59.05	59	59.10	59.25	59.89	60.15	60.49	**60.82**	60.69	60.29	59.57
16	59.45	59.05	58.85	58.85	59.10	59.31	59.89	60.28	60.49	**60.50**	60.15	59.34
17	58.75	58.55	58.25	58.30	58.60	58.83	59.20	59.56	**59.80**	59.69	59.09	58.34
18	58.60	58.30	58.10	58.05	58.40	58.70	59.40	59.52	59.58	**59.59**	59.07	58.47
19	58.70	**58.55**	58.60	58.60	58.90	59.34	59.90	60.61	61.14	**61.17**	61.07	60.83
20	60.70	60.35	60.25	60.25	60.25	60.51	60.90	61.65	61.95	**62.04**	61.45	60.89
21	60.70	60.55	60.20	60.20	60.50	60.83	61.13	61.49	**61.67**	61.53	61.23	60.68
22	61.10	60.85	60.80	60.70	60.75	60.81	61.20	61.46	**61.68**	61.50	60.84	59.98
23	60.35	60.25	60.15	60.25	60.50	60.64	61.05	61.44	**61.52**	61.47	60.84	60.05
24	59.90	59.70	59.60	59.65	59.95	60.20	60.75	61.15	**61.59**	61.54	61.19	60.59
25	60	59.45	59.05	59.15	59.30	59.81	60.15	60.28	**60.42**	60.41	59.98	59.55
26	59.80	59.55	59.50	59.55	59.90	60.13	60.49	60.77	**60.83**	60.78	60.32	59.81
27	59.35	59.15	58.90	58.85	59.10	59.48	59.99	60.30	**60.62**	60.42	59.80	59.04
28	58.60	58.35	58.10	58	58.05	58.47	59.04	**59.27**	59.26	59.25	59.12	58.68
Mean	60.07	59.76	59.51	59.53	59.68	60.04	60.47	60.82	**61.09**	61.04	60.58	59.94

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22.3	21.9	22.1	22.3	22	22.1	22.3	24.6	27.1	28.8	28.5	29.4
2	21.8	**21.2**	21.7	21.9	21.6	21.5	22.4	25	27.9	28.5	29.3	28.2
3	23	23.1	22.6	22.4	22.4	22.6	22	23.5	24.5	26.2	**27.3**	27
4	20.8	20.6	20.5	**20.4**	20.9	20.9	21.5	24	26.6	27.8	27.5	**28.7**
5	23.3	23.3	23.1	22.7	22.5	22.3	**22**	25.5	27	29.3	29.5	**30.4**
6	24.6	24.1	23.9	23.9	23.8	**23.5**	23.9	24.9	27.8	28.8	27.6	27.3
7	22.9	22.7	22.2	22.2	**22**	22.1	22.2	24.8	26.9	26.8	27	27.1
8	23.1	22.5	22.4	22.1	22.1	**22**	22.2	24.4	27.5	28.2	28.6	28.6
9	25.3	24.7	24.4	23.8	23.3	**22.9**	23	25.7	26.7	27.2	27.6	28.9
10	25.6	25	24.6	24.4	24.4	23.8	**23.7**	24.5	25.3	27.2	28	28.8
11	24.1	23.4	23.5	24	24.2	23.6	**23**	23.5	24.3	24.4	24.3	25.5
12	22.4	**22**	22.1	22.5	22.9	22.9	23.6	24.7	26.8	27.5	27.2	27.2
13	21.9	21.7	21.3	21	21	**20.6**	21	23.8	27	25.3	25.4	26.4
14	22.2	22.5	21.9	21.7	21.5	**21.4**	21.7	24.7	26	28.1	29.8	31.1
15	**23.8**	**23.8**	24.2	24.1	23.9	24	24.7	26.4	28.4	29	28.8	28.5
16	23.9	24	24	23.9	23	**22.8**	23	26.2	27.9	27.5	27.8	28.1
17	23.9	23.4	22.9	22.4	**22.3**	**22.3**	22.6	25.9	26.9	28.2	29.5	29.5
18	26.6	25.8	25.3	24.9	24.3	**23.8**	24	26.6	28.3	27.6	27.8	28.5
19	25.3	25.3	24.5	24.1	23.9	24	24.3	26.3	27.1	**28.4**	27	26.5
20	22.6	22.1	21.8	21.7	21.6	**21.3**	22	24.4	27.9	27.8	28.9	27.9
21	23.6	23.2	22.5	21.8	**21.7**	22.5	23.7	26.3	28.6	28.5	27.3	**29.7**
22	22.2	22.1	21.9	21.4	20.6	**20.3**	21	24.5	27	27.2	29.5	30.7
23	22.6	22.3	21.6	**21.4**	**21.4**	21.5	22.4	24.6	27.3	29.4	28.4	29
24	23.1	22.8	21.8	21.4	21	**20.6**	21.2	24.7	26.3	26.6	26.8	27.3
25	21.9	21.4	20.4	20.9	20.8	**20.2**	21	25.6	28.6	30.2	30.6	31.3
26	22.5	21.6	20.7	20.5	20.2	**20.1**	20.7	23.7	27.3	27.2	28.3	29.2
27	23.7	23.8	23	22.4	22.9	**22**	22.1	24.3	27.1	28.2	30.7	31.7
28	21.4	21.1	20.2	20.1	20.2	**19.6**	20.5	23.8	28.3	29.5	29	28.9
Mean	23.2	22.9	22.5	22.4	22.2	**22**	22.4	24.9	27.1	27.8	28.1	28.6

ATMOSPHERIC PRESSURE, $700^{mm}+$.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
61. 88	61. 44	**61.12**	61. 24	61. 73	62. 48	62. 94	63. 70	63. 85	**63.95**	**63.95**	63. 60	62. 45
62. 77	62. 24	**62.02**	62. 09	62. 47	63. 03	63. 74	64	**64.50**	**64.50**	64. 35	64. 25	**63.44**
62. 75	61. 89	**61.40**	61. 67	61. 88	62. 29	62. 90	63. 45	63. 65	63. 70	63. 60	63. 55	63. 24
60. 65	59. 99	**59.57**	59. 59	59. 91	60. 46	60. 84	61	61. 30	61. 45	61. 30	61. 20	61. 59
59. 29	58. 67	**58.17**	58. 38	58. 60	59. 14	59. 74	60. 35	60. 75	60. 75	60. 70	60. 45	60. 12
58. 37	57. 74	**57.42**	57. 78	58. 20	58. 77	59. 20	59. 65	60. 05	60. 40	60. 40	60. 25	59. 29
58. 44	57. 85	57. 39	**57.30**	57. 60	58. 02	58. 37	58. 85	59. 20	59. 45	59. 50	59. 25	59. 09
58. 33	57. 42	57. 09	**56.94**	56. 99	57. 12	57. 41	57. 65	58	58. 40	58. 40	58. 30	58. 32
57. 24	56. 66	**56.36**	**56.36**	56. 58	57. 07	57. 59	57. 95	58. 20	58. 70	58. 75	**58.95**	**57.89**
57. 98	57. 43	56. 99	**56.86**	57. 06	57. 41	57. 87	58. 20	58. 60	58. 60	58. 55	58. 75	58. 54
59. 05	58. 39	58. 06	**58.01**	58. 24	58. 36	58. 61	58. 80	59. 15	59. 50	59. 50	59. 50	59. 06
58. 69	57. 89	**57.46**	57. 55	57. 88	58. 41	59. 01	59. 50	59. 70	59. 90	59. 75	59. 50	59. 03
59. 11	58. 19	**57.91**	58. 09	58. 49	58. 91	59. 51	59. 90	60. 20	60. 30	60. 20	60. 10	59. 42
58. 48	57. 81	57. 62	**57.59**	58. 24	58. 75	59. 42	59. 90	60. 10	60. 05	59. 85	59. 75	59. 49
58. 58	58. 07	**57.42**	57. 57	57. 98	58. 29	59. 04	59. 35	59. 50	59. 65	59. 70	59. 45	59. 27
58. 64	57. 69	**57.12**	57. 18	57. 48	57. 97	58. 31	58. 80	59. 15	59. 35	59. 20	59. 15	58. 97
57. 44	56. 72	56. 22	**56.16**	56. 23	56. 51	57. 47	58	58. 80	59. 05	59. 15	59	58. 24
57. 81	57. 24	57. 04	**56.94**	57. 41	57. 64	58. 12	58. 70	59. 20	59	59. 05	58. 85	58. 45
60. 29	59. 68	59. 05	59. 13	59. 42	59. 27	59. 65	60. 35	60. 80	60. 95	60. 95	60. 85	59. 91
60. 19	**59.33**	59. 38	59. 69	59. 79	60. 39	60. 72	60. 90	61. 25	61. 30	61. 20	61. 05	60. 68
60. 12	59. 65	**59.37**	59. 46	59. 78	59. 85	60. 08	60. 60	61. 05	61. 25	61. 30	61. 25	60. 60
59. 11	58. 19	**57.80**	57. 99	58. 34	58. 48	58. 69	59. 05	59. 85	60. 10	60. 50	60. 25	60
59. 14	58. 32	57. 76	**57.72**	57. 86	58. 07	58. 61	59. 15	59. 90	60. 55	60. 55	60. 15	59. 85
59. 84	59. 10	58. 73	**58.70**	58. 80	59. 02	59. 36	59. 85	60. 30	60. 25	60. 40	60. 40	60. 02
58. 68	58. 02	**57.59**	57. 77	58. 28	58. 72	59. 02	59. 40	59. 85	60. 20	60. 40	60. 10	59. 40
59. 30	58. 47	57. 83	**57.52**	57. 86	58. 12	58. 64	59	59. 30	59. 60	59. 60	59. 50	59. 42
58. 20	57. 45	56. 91	**56.48**	56. 50	56. 64	57. 06	57. 75	58. 35	58. 55	58. 80	58. 60	58. 60
57. 89	57. 19	**56.86**	56. 96	57. 37	57. 71	57. 99	58. 70	58. 85	58. 95	58. 85	58. 85	58. 35
59. 22	58. 53	**58.13**	58. 17	58. 46	58. 82	59. 28	59. 73	60. 12	60. 30	60. 30	60. 17	59. 74

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
29.8	29. 4	28. 7	28. 2	26. 9	25. 2	24. 1	23. 5	22. 2	**21.6**	22. 1	22	24. 9
29.5	28. 8	28. 1	27. 4	26. 4	24. 8	23. 5	22. 8	22. 4	22. 6	22. 3	22. 2	24. 7
26. 9	**27.3**	27	26. 5	25. 8	24. 4	23. 1	22. 4	22. 1	21. 5	21. 2	**20.9**	**24**
28. 6	27. 8	27. 7	27. 5	26. 6	25. 5	25. 1	24. 7	24. 4	24. 1	23. 8	23. 6	24. 6
29. 1	27. 7	30. 2	29	27. 4	26. 2	25. 9	25. 5	24. 6	24. 6	24. 7	24. 8	25. 9
29. 1	**29.2**	29. 1	27. 3	26. 6	26. 1	25. 9	25. 4	24. 8	24. 5	24. 2	23. 6	25. 8
26. 8	28. 5	28. 3	**30.7**	28. 8	27	26	25	25	24. 6	24. 4	23. 6	25. 3
29. 3	29. 7	**30.2**	29. 9	29. 8	27. 7	27. 2	26. 6	26. 1	26	26. 1	25. 5	26. 2
30. 3	29. 4	29. 9	**30.6**	28. 9	28	27. 5	26. 7	26. 3	25. 8	25. 7	25. 9	26. 6
29. 9	30	**30.2**	29. 2	28. 7	27. 5	27. 1	26. 4	25. 9	25. 6	25. 4	24. 7	26. 5
25. 7	26. 4	26. 3	**26.5**	25. 3	24. 6	24. 1	23. 7	23. 8	23. 4	**23**	23. 2	24. 3
26. 4	**28.6**	27. 7	27. 2	26. 8	25. 4	24. 4	23. 5	23	22. 7	22. 4	22. 1	24. 7
24. 4	27. 2	**28.4**	28	27. 7	25. 5	24. 7	24	23. 8	23. 7	23. 1	22. 5	24. 1
31. 2	**31.6**	31. 4	31. 2	28. 6	27. 5	26. 4	26. 3	26	25. 4	24. 9	24. 2	26. 1
29	**31.2**	30. 8	30. 6	29. 3	27. 8	26. 7	26. 3	25. 6	25	24	**23.8**	26. 7
30. 1	30	30. 9	**31.9**	30. 8	28. 4	27. 2	26. 5	25. 9	25. 1	25. 2	24. 4	26. 6
29. 8	30. 7	30. 7	**31.3**	31. 2	29	27. 9	27. 5	27. 4	26. 9	26. 7	26. 7	**26.9**
31.1	30. 3	29. 3	29. 5	28. 6	27. 5	26. 6	26	25. 9	25. 8	25. 6	25. 6	**26.9**
26	26. 8	27. 3	27	27. 5	27. 1	25. 5	24. 6	24	23. 5	**23**	**23**	25. 5
30. 6	**31.2**	28. 8	29. 5	29. 4	26. 9	25. 9	25. 3	24. 6	24. 5	24. 3	24. 2	25. 6
28	27. 8	28. 8	29. 6	28. 6	26. 7	25. 4	24. 4	24. 1	23. 4	22. 9	22. 2	25. 5
31. 6	**32**	30. 7	29. 8	28. 4	26. 9	25. 9	25. 2	24. 6	24. 2	23. 9	23. 4	25. 6
30. 1	30. 6	30. 2	**31**	29. 3	27. 2	26. 3	25. 3	24. 7	24. 6	24. 3	23. 3	25. 8
29.4	28. 5	28. 7	28. 3	27. 8	25. 9	24. 2	23. 4	22. 7	23	22. 5	22. 3	24. 6
31. 4	**31.5**	30. 7	30. 3	29. 5	26. 9	25. 1	23. 6	22. 6	22. 2	21. 7	22. 6	25. 5
30. 4	30. 7	31. 1	**31.2**	30. 2	28. 2	26. 9	26. 3	25. 7	25	24. 8	23. 9	25. 7
32.2	31. 6	30. 4	30. 4	30	27. 6	26. 3	25. 1	24	23. 9	22. 9	**22**	26. 2
29. 5	29. 9	30. 1	**30.4**	28. 8	27. 1	26. 1	25. 4	24. 7	24. 5	24. 1	24	25. 3
29. 1	**29.4**	29. 3	29. 3	28. 3	26. 7	25. 8	25	24. 5	24. 2	23. 9	23. 6	25. 6

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	80	**82**	80	79	81	79	78	71.5	61	55	52	**50**
2	75	**79**	76	75.5	78	78.5	75	63	58	54	52	50
3	70.5	70	71	72	72	71	74	71	64	63	**58**	59
4	83	**84**	83	83	83	83	81	73	64	61	64	**60**
5	85	84	86	89	90	91	**93**	75	70	63	61	63
6	76	79	82	83	84	86	84	80	70	66	71	71
7	93	94	**96**	95	**96**	95	94	86	75	74.5	73	72
8	87	90	90	**91**	90	90	**91**	84	73	71	69	71
9	80	83	85	88	89	90	**95**	84	81	78	75	70
10	83	83	86	88	88	**91**	**91**	87	82	73	70	67
11	86	88	88	90	91	95	**96**	**96**	90	90	91	88
12	**88**	**88**	87	85	86	87	82	74	73	72	**66**	**66**
13	87	87	91	93	92	91	91	82	**70**	74	76	73
14	96	96.5	**98**	97	**98**	97	97	86	79	70	63	58
15	**86**	**86**	85	84	**86**	84	**86**	76	69	66	70	73
16	84	89	89	86	**93**	92	90	81	74	73	71	71.5
17	88	90	92	94	**95**	94	92	81	81	74	68	68
18	83	84.5	89	89	93	**95**	93	81	80	79	77	75
19	80	81	85	86	87	87	87	76	76	**70**	79	82.5
20	92	92	**93**	**93**	**93**	92	**93**	86	69	68	62	68
21	85	87	92	**95**	**95**	90	86	74	62	57	70	62
22	82	85	87	88	91	**92**	91	75	63	66	58	53
23	82	84	86	**87**	78	**87**	83	75	65.5	**54**	66	62
24	78	83	86	86.5	**89**	88	87	79	70	68	67	66
25	76	77	81	83	83	**84**	80	65	54	46	44	43
26	68	74	79	80	82	**83**	**83**	73	63	64	61	58.5
27	80	78	83	86	83	89	**90**	81	70	67	59	54
28	85	86	**91**	**91**	89	**91**	**91**	77	62	**55**	62	63
Mean	82.4	84.4	86.3	87	87.7	**88.3**	87.6	78.3	70.3	66.8	66.2	64.9

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	16	16.1	15.8	15.8	16	15.6	15.6	**16.4**	16.3	16.2	15.1	15.1
2	14.6	14.8	14.7	14.7	14.9	15	15.1	14.8	**16.2**	15.7	15.7	**14.1**
3	14.7	14.7	14.5	**14.4**	14.6	14.5	14.5	15.2	14.6	**16**	15.7	15.7
4	15.2	15.2	14.9	**14.8**	15.3	15.3	15.5	16.1	16.5	17	17.4	17.5
5	18.1	17.8	18.1	18.2	18.3	18.2	18.2	18.2	18.6	19.1	18.8	20.2
6	**17.5**	17.7	18.1	18.3	18.4	18.5	18.5	18.8	19.5	19.4	19.6	19.2
7	19.3	19.2	19	18.8	18.8	18.7	18.6	19.9	19.6	19.5	19.3	19.1
8	18.3	18.3	18.2	18	17.8	**17.7**	18.1	19.1	19.8	20.2	20.1	20.5
9	19.3	19.3	19.3	19.3	18.9	**18.7**	19.8	20.7	21.1	21	20.6	20.7
10	**20.2**	19.7	19.7	20	20	20	19.9	20	19.6	19.6	19.7	19.6
11	19.3	18.8	18.9	19.9	20.5	20.5	19.9	20.6	20.3	20.4	20.5	21.3
12	17.6	17.4	**17.1**	17.2	17.8	18	17.8	**17.1**	19.1	**19.6**	17.7	17.7
13	16.9	16.9	17.1	17.1	16.9	**16.5**	16.8	18	18.6	17.8	18.3	18.8
14	19.2	19.5	19.2	18.8	18.7	**18.4**	18.8	**19.8**	**19.8**	19.7	19.6	19.5
15	18.9	18.9	19	18.7	18.9	18.6	19.8	19.6	19.9	19.7	20.6	21
16	18.5	19.7	19.7	19	19.4	19	18.7	20.4	**20.6**	20	19.8	20.2
17	19.4	19.3	19.1	18.9	18.9	18.8	18.7	20	**21.3**	20.9	20.8	20.8
18	21.5	20.8	21.4	20.9	21	20.8	20.7	21	**22.7**	21.5	21.4	21.8
19	19.3	19.5	19.4	19.3	19.2	19.3	19.7	19.4	20.3	20.3	20.9	**21.2**
20	18.7	18.2	18	17.9	17.8	**17.3**	18.2	19.4	19.2	18.8	18.4	19
21	18.3	18.4	18.6	18.4	18.2	18.3	18.8	18.9	18	16.5	19	19.2
22	16.4	16.8	16.9	16.7	16.4	16.4	16.8	17.1	16.7	17.7	17.6	17.3
23	16.8	16.8	16.4	16.5	**14.9**	16.6	16.8	17.2	17.7	16.4	18.9	18.5
24	16.3	17	16.6	16.4	16.5	15.9	16.3	**18.4**	17.7	17.6	17.4	17.9
25	14.9	14.6	14.4	15.2	15.2	14.8	14.8	**15.8**	15.6	14.8	14.4	14.7
26	**13.9**	14.1	14.3	14.3	14.5	14.6	15.1	15.8	16.9	17.2	17.4	17.6
27	17.4	17.1	17.3	17.3	17.1	17.5	17.8	18.2	18.5	19	**19.2**	18.6
28	16.2	16.1	15.9	15.8	15.6	**15.5**	16.3	16.8	17.6	16.9	18.5	**18.8**
Mean	17.6	17.6	17.6	**17.5**	**17.5**	**17.5**	17.7	18.3	18.7	18.5	18.7	**18.8**

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
50.5	**50**	51	51	54	59	64	66	73	75	72	74	66.2
49	50	51	52	55	62	68.5	72	72	72	74	73	65.2
60	59	60	60	61	68	73	77	77	80	82	**83**	69
60.5	**60**	**60**	61.5	64	68.5	70	73	75	78	82	**84**	72.4
66	75	60.5	**55**	61	63	68	69	72	71	72	72	73.1
65.5	**64**	68	80	81	84	85	80	84	86	86	**88**	78.5
74.5	70.5	71	**57**	61	67.5	73	79	79	81	82	85	80.2
70	**63**	**63**	67	67	76	75	77	79	80	76	80	77.9
66	65	**63**	66	72	76	77	79	82	84	84	84	79
62	**57**	60	62	66	72	73	76	78	78	79	83	76.5
87	85	84	82.5	87	90	82	81	**79**	84	86	84	**87.5**
69	**66**	67	70	72	76	78	82	84	85	87	**88**	78.2
84	71	75	75	**70**	82	83	87	90	90	91	**95**	83.3
57	55	**54**	57	64	70	76	76	77	80	83	87	78
71	55	57	**54**	64	67	72	74	77	79.5	85	85.5	74.7
65	65	60	**49**	54	65	73	75	77	82	83	87	76.2
68	62	61	**51**	56	67.5	73	76	76	79	81	82	77.1
66	**64**	68	66	68	72	74	78	78	78	78	78	78.6
81.5	80	77	75	75	72.5	81	86	87	**90**	**90**	**90**	81.7
59	**55**	67	64	62	72	74	77	81	80	80	81	77.2
65	67	59	**55**	56	62	66	73	73	75.5	79	82	73.6
52	**50**	53	55	58	61	66	70	72	74	76	78	70.7
57	**54**	57	59	58	66	67.5	71	72	72	76	79	70.8
59	58	57.5	53	**49**	58	62	66	72	72	75	76	71
43	45	45	42.5	**40**	48	58	65	69	71.5	74	68	**61.9**
55	54	58	**52**	55	63	66	68	71	75	74	79	68.3
52	**52**	54	56	57	66	70	73	75	74	78	83	71.2
56	**55**	57	56	63	69	73	76	79	78	79	78	73.4
63.2	60.9	61.3	**60.1**	62.5	68.7	72.2	75.1	77.1	78.7	80.1	81.7	74.7

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
15.7	15.1	15	14.4	14.2	**14**	14.2	14.3	14.6	14.4	14.3	14.5	15.2
15	14.8	14.3	14.2	14.2	14.4	14.7	14.8	14.4	14.6	14.8	14.6	14.8
15.7	**16**	15.9	15.5	15	15.5	15.3	15.4	15.3	15.3	15.3	15.2	15.2
17.6	16.6	16.7	16.8	16.5	16.6	16.7	16.9	17.1	17.5	18	**18.1**	16.5
19.8	**20.7**	19.3	16.4	16.7	**16**	16.9	16.8	16.6	16.3	16.6	16.9	18
19.6	19.2	20.4	**21.5**	21	21.1	21	19.4	19.6	19.6	19.4	19	19.3
19.5	**20.4**	20.3	18.8	18.1	**17.8**	18.3	18.5	18.5	18.6	18.5	18.3	19
21.1	19.6	20.1	20.9	20.7	20.9	20.2	20	19.7	20	19.1	19.4	19.5
21.1	19.8	19.7	**21.6**	21.3	21.3	21	20.5	20.8	20.7	20.7	20.8	20.3
19.4	**18.1**	19.1	18.8	19.3	19.6	19.5	19.6	19.5	19.1	19	19.3	19.5
21.3	**21.7**	21.4	21.2	20.8	20.7	18.4	17.7	**17.3**	17.9	18	17.9	19.8
17.7	19.1	18.4	18.7	18.9	18.3	17.6	17.7	17.6	17.5	17.5	17.5	17.9
19.1	19.1	**21.5**	21.1	19.3	19.9	19.3	19.3	19.7	19.5	19.1	19.2	18.6
19.3	19.1	**18.4**	19.3	18.6	19.3	19.3	19.2	19.2	19.2	19.5	19.6	19.2
21.1	18.7	18.9	**17.5**	19.5	18.5	18.8	18.9	18.7	18.7	18.8	18.7	19.2
20.6	**20.6**	19.9	**17.3**	18	18.7	19.4	19.3	19.1	19.4	19.7	19.8	19.4
21.2	20.4	20	**17.3**	18.9	20	20.3	20.8	20.6	20.8	21.1	**21.3**	20
22.3	20.7	20.6	20.4	19.7	19.6	19.2	19.4	19.3	19.2	**19.1**	**19.1**	**20.6**
20.4	21	20.8	20	20.4	19.3	19.7	19.7	19.3	19.3	18.8	**18.7**	19.8
19.3	18.7	**19.8**	19.7	18.9	18.9	18.4	18.5	18.6	18.3	18	18.1	18.6
18.4	18.5	17.3	16.8	16.3	16.1	**16**	16.6	16.3	16.2	16.3	16.4	17.6
17.9	17.6	17.3	17.2	16.8	**16.1**	16.4	16.6	16.6	16.7	16.7	16.7	16.9
18	17.7	18.1	**19.6**	17.5	17.7	17.2	17.1	16.6	16.6	17.2	16.7	17.2
18.1	16.8	16.8	15.2	**13.6**	14.5	14	14.1	14.7	15	15.2	15.1	16.1
14.6	15.4	14.8	13.6	**12.2**	12.7	13.6	14	14.1	14.2	14.2	13.8	**14.4**
17.6	17.7	**19.4**	17.7	17.6	17.8	17.4	17.4	17.4	17.6	17.2	17.4	16.6
18.5	18	17.5	18	17.9	18.1	17.7	17.2	16.7	16.4	**16.1**	16.3	17.6
17.3	17.2	18	18.2	18.5	18.4	18.4	18.3	18.4	17.8	17.7	17.4	17.3
18.8	18.5	18.6	18.1	17.9	17.9	17.8	17.8	17.7	17.7	17.7	17.7	18

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	A.-Cu.				A.-Cu.		A.-Cu.		Ci.		A.-Cu.	
2	Ci.		Ci.		Ci.						Ci.	
3	A.-Cu.											
4	Ci.		A.-Cu.		Ci.-Cu.						A.-Cu.	
5			A.-Cu.		A.-Cu.						Ci.	
6			A.-Cu.		A.-Cu.	E	Ci.					
7	Ci.-Cu.		A.-Cu.									
8	Ci.				A.-Cu.		A.-Cu.		A.-Cu.			
9	Ci.		Ci.		Ci.							
10							Ci.-S.		Ci.-S.		Ci.-S.	
11												
12	Ci.-S.		A.-Cu.		Ci.-S.		A.-Cu.					
13	A.-Cu.		A.-Cu.		Ci.-S.		Ci.-S.					
14	A.-Cu.	ESE	A.-Cu.		A.-Cu.							
15			A.-Cu.									
16												
17												
18	Ci.											
19			A.-Cu.									
20	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
21	A.-Cu.	SE			A.-Cu.		A.-Cu.					
22	Ci.		Ci.		Ci.		Ci.		Ci.			
23	Ci.		Ci.		Ci.		Ci.-S.					
24	Ci.-S.		A.-Cu.		A.-Cu.		A.-Cu.		Ci.			
25	Ci.		Ci.		Ci.		Ci.				Ci.	
26	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
27	Ci.		Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.	
28	Ci.		Ci.-S.		Ci.		Ci.-S.					

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	S.-Cu.	E	S.-Cu.	E	Cu.		Cu.	E	Cu.	E	Cu.	
2	Cu.	ENE	S.-Cu.	ENE	S.-Cu.	ENE	S.-Cu.	ENE	Cu.	ENE	Cu.	
3	S.-Cu.	E	S.-Cu.	EbyN	N.-cf.		Cu.	EbyN	Cu.		N.-cf.	
4	S.-Cu.	E	Cu.	E	Cu.		Cu.		Cu.		Cu.	
5	S.-Cu.		Cu.		Cu.	E	Cu.	E	N.-cf.		Cu.	
6	S.-Cu.		S.-Cu.		S.-Cu.		Cu.		S.-Cu.	EbyS	S.-Cu.	
7	S.-Cu.	E	Cu.		S.-Cu.	E	N.-cf.	E	Cu.	EbyS	N.-cf.	
8	S.-Cu.	EbyS	S.-Cu.	EbyS	S.-Cu.		Cu.	E	Cu.		N.-cf.	
9	S.-Cu.		S.-Cu.		Cu.	E	Cu.	E	N.-cf.		N.-cf.	
10	Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	NE	Fr.-N.		Cu.	
11	N.		N.		N.		N.		Fr.-N.	NE	Fr.-N.	
12	S.-Cu.		Fr.-N.		Cu.	NE	S.-Cu.	NE	S.-Cu.		N.-cf.	
13	S.-Cu.		S.-Cu.		Cu.	E	Cu.	E	N.	EbyN	N.	E
14	S.-Cu.		S.-Cu.		S.-Cu.		Cu.	ESE	Cu.	ESE	Cu.	ESE
15	S.-Cu.		S.-Cu.	ESE	Cu.	ESE	Cu.		Cu.		Cu.	
16	Cu.		S.-Cu.	E	Cu.		S.-Cu.		Cu.	ESE	N.-cf.	
17	S.-Cu.		S.-Cu.		Cu.		Cu,	E	Cu.	E	Cu.	
18	S.-Cu.		S.-Cu.		Cu.	E	N.-cf.	E	Cu.		N.-cf.	
19	S.-Cu.		S.-Cu.	E	S.-Cu.		Cu.	E	Cu.-N.		Cu.-N.	
20	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	
21	S.-Cu.		Cu.		Cu.	EbyN	Cu.	E	Cu.-N.		Cu.	
22			Cu.		Cu.		Cu.		Cu.	E	Cu.	ENE
23	S.-Cu.		S.-Cu.	N	S.-Cu.	N	S.-Cu.	N	Cu.	NNE	Cu.	
24	S.-Cu.		Cu.		Cu.	ENE	Cu.	ENE	Cu.	E	Cu.	
25	Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	E
26	S.-Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
27	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
28	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form,	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Ci.-S.		Ci.-S.		Ci.-S.		Ci.		Ci.-S.		Ci.-S.	
				A.-Cu.		A.-Cu.		A.-Cu.		Ci.	
								Ci.-S.		Ci.-S.	
										A.-Cu.	
						Ci.-S.		Ci.-S.		Ci.-S.	
						A.-Cu.				Ci.-Cu.	
		Ci.						Ci.		Ci.	
Ci.		Ci.									
						Ci.				Ci.-S.	
		Ci.-S.		Ci.-S.		Ci.-S.				Ci.-S.	
				A.-Cu.				A.-Cu.		Ci.	
				A.-Cu.							
										Ci.	
				A.-Cu.				A.-Cu.		Ci.	
Ci.		Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.	
		Ci.						A.-Cu.		Ci.	
Ci.		Ci.		Ci.-Cu.		A.-Cu.		A.-Cu.		Ci.	
						Ci.-S.		Ci.-S.		Ci.-S.	
						Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.-S.	
Ci.-S.				Ci.		Ci.-S.		Ci.-S.		Ci.-S.	
				Ci.		Ci.		Ci.-S.		Ci.-S.	

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.	E	Cu.		Cu.	E	Cu.		Cu.		Cu.	
Cu.		Cu.	ENE	Cu.	ENE	Cu.		Cu.	ENE	Cu.	
N.-cf.		N.-cf.	E	N.-cf.	E	N.-cf.	E	N.-cf.		Cu.	
Cu.	EbyN	Cu.		N.-cf.	EbyN	Cu.		Cu.-N.		Cu.	E
N.-cf.	E	Cu.		S.-Cu.	E	S.-Cu.		S.-Cu.		S.-Cu.	
S.-Cu.	EbyS	Cu.-N.		Cu.-N.		Cu.		Cu.-N.	E	Cu.-N.	
N.-cf.	E	N.-cf.	E	Cu.		Cu.	EbyN	Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
N.-cf.	E	N.-cf.	E	Cu.		N.-cf.	E	N.-cf.		N.-cf.	
Cu.	E	Cu.	E	Cu.		Cu.		Cu.-N.	E	N.-cf.	
Fr.-N.	NE	Fr.-N.	NE	Fr.-N.		Fr.-N.		Fr.-N.	ENE	N.-cf.	E
Cu.-N.	E	Cu.-N.		Cu.		Cu.	E	Cu.-N.		Cu.-N.	
N.		Cu.-N.		Cu.		Cu.-N.		Cu.-N.		Cu.	
Cu.	E	Cu.		Cu.		Cu.	E	Cu.		Cu.	
Cu.	ESE	Cu.	ESE	Cu.		Cu.		Cu.		Cu.	
Cu.	ESE	Cu.	ESE	Cu.		Cu.	ESE	Cu.		Cu.	
Cu.		Cu.		Cu.	E	Cu.		Cu.		Cu.	
Cu.		Cu.	EbyN	N.-cf.	ENE	Cu.		Cu.		Cu.	
Cu.-N.		Cu.-N.		Cu.	E	S.-Cu.		S.-Cu.	E	S.-Cu.	
Cu.		Cu.	ESE	N.-cf.	ESE	Cu.	ESE	Cu.		S.-Cu.	
N.-cf.	E	N.-cf.	E	Cu.		N.-cf.	E	Cu.		S.-Cu.	
Cu.	EbyN	Cu.	EbyN	Cu.	EbyN	Cu.		Cu.	EbyN	S.-Cu.	
Cu.	NE	Cu.	NE	Cu.	NE	Cu.		Cu.	ENE	Cu.	
Cu.	E	Cu.	E	N.-cf.	NE	N.-cf.		Cu.		S.-Cu.	
Cu.	E	Cu.	E	Cu.		Cu.		Cu.		S.-Cu.	
Cu.		Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.	EbyN	Cu.		Cu.		Cu.	
Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	N	1	N	1.5	N	3	NW	1.5	N	1.5	N	1
2	NW	.5	NNW	1	NNW	3.5	N	5.5	NNW	2	NNE	2
3	NNE	2.5	NNE	3.5	NNE	3	NNE	5	N	3	N	3.5
4	N	1.5	Calm	--------	N	2	NEbyN	2	N	3.5	N	4
5	NNE	2.5	NNE	4	NNE	2.5	NNE	2.5	ENE	2.5	NE	1.5
6	N	1	N	.5	Calm	--------	NNE	.5	Calm	--------	Calm	--------
7	Calm	--------	Calm	--------	NNE	.5	Calm	--------	Calm	--------	Calm	--------
8	Calm	--------	Calm	--------	Calm	--------	Calm	--------	N	1	Calm	--------
9	N	5	N	.5	Calm	--------	Calm	--------	Calm	--------	N	2
10	NW	1	NE	1.5	Calm	--------	Calm	--------	E	.5	E	1
11	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NE	.5
12	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	W	1
13	NNE	1.5	Calm	--------	Calm	--------	NNE	1	NNE	1	NE	1.5
14	Calm	--------	Calm	--------	Calm	--------	NE	.5	Calm	--------	Calm	--------
15	ENE	.5	Calm	--------	Calm	--------	NE	1	N	.5	NNE	.5
16	NE	1.5	Calm	--------	N	2	Calm	--------	Calm	--------	Calm	--------
17	Calm	--------	NNE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------
18	Calm	--------	N	1.5	N	2.5	N	1.5	N	.5	Calm	--------
19	ESE	2	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
20	ENE	.5	Calm	--------	Calm	--------	ENE	.5	Calm	--------	ENE	.5
21	ESE	1	ESE	3.5	ENE	3	ENE	3.5	ENE	1	Calm	--------
22	ESE	.5	ESE	2	Calm	--------	Calm	--------	Calm	--------	Calm	--------
23	NE	1.5	NEbyN	.5	Calm	--------	NE	1.5	NE	1	Calm	--------
24	ESE	1.5	ESE	1	NE	1	NE	.5	Calm	--------	Calm	--------
25	EbyS	4	E	4	ESE	2	ESE	2	E	1	EbyN	1.5
26	E	2	E	.5	E	.5	NNE	1.5	N	2	N	3
27	NNE	1	N	.5	Calm	--------	Calm	--------	N	1	Calm	--------
28	ENE	1	NEbyE	1	NNE	1.5	NNE	1.5	NNE	2	NE	.5
Mean	------------	1.2	------------	1	------------	1	------------	1.1	------------	.9	------------	.9

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	NE	11	N	8	NNE	7	NE	8.5	NNE	8	NE	3
2	NNE	3.5	NNE	4	NNE	7	NNE	4	NNE	6	NE	2.5
3	NE	3.5	NE	4.5	NNE	7	NE	4	NNE	4	Calm	--------
4	N	5	N	7	NNE	7	NNE	9.5	NNE	6	NNE	3
5	NE	1.5	NE	1.5	Calm	--------	NNE	7	NNE	4.5	NNE	5
6	W	2	W	3	W	2	WNW	3	WNW	.5	Calm	--------
7	NW	1.5	W	3	E	1	ESE	4	SE	4	SE	4.5
8	WSW	2.5	WSW	4.5	WbyN	3.5	W	2	W	1.5	Calm	--------
9	W	3.5	WNW	1.5	WNW	2.5	WNW	2.5	SW	2	Calm	--------
10	ESE	4	ESE	5.5	ESE	5	ESE	4.5	SE	3	SEbyE	2
11	SSE	1.5	SSE	1.5	ESE	1	ESE	1.5	ESE	1	E	1
12	WSW	2	WbyN	2	WNW	1.5	NW	1.5	SSE	2.5	SE	1.5
13	Calm	--------	NE	4	ENE	.5	E	2.5	ESE	1.5	ESE	2
14	SE	3	SE	2.5	SE	3.5	ESE	2.5	ESE	2	SEbyE	2.5
15	Calm	--------	SE	2	ESE	4.5	SE	8.5	SE	2.5	ESE	4.5
16	WbyN	3.5	WNW	4	W	5.5	SSE	6.5	SE	7	SE	2.5
17	WNW	2	W	3.5	W	4.5	W	1.5	WSW	1	Calm	--------
18	ESE	2.5	SE	5	ESE	3.5	ESE	5.5	ESE	6	ESE	4.5
19	NE	2.5	N	3	NNE	5	NE	3	Calm	--------	ESE	1
20	SW	2.5	SEbyE	8.5	NbyE	4.5	NW	3.5	NE	2	ESE	3
21	WNW	3	NW	3	E	1	ESE	3	E	2	ESE	2
22	SE	3.5	SE	9.5	SE	5	SE	8.5	SE	5	ESE	3
23	SW	1.5	S	2	SW	2	SSW	1.5	SE	3	SE	2.5
24	Calm	--------	ESE	7	ESE	7.5	ESE	7	ESE	4.5	E	2.5
25	ESE	3	E	4.5	ESE	3	SE	9	ESE	5.5	ESE	1.5
26	W	4.5	WNW	3.5	W	2	ESE	5	ESE	2.5	ESE	2.5
27	SSE	4	SE	6.5	SE	6	SE	6.5	SEbyE	7.5	SEbyE	4.5
28	NW	4.5	W	4	S	2.5	ESE	5.5	ESE	3.5	E	3
Mean	------------	2.9	------------	4.2	------------	3.7	------------	4.7	------------	3.5	------------	2.3

OBSERVATIONS FOR FEBRUARY, 1910.

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
N	2	NE	1.5	ENE	1.5	ENE	6.5	NE	8.5	NE	6
N	2	N	2.5	ENE	2	NEbyE	9	NE	3.5	ENE	7
N	4.5	NNE	1.5	NNE	3.5	NE	3	NEbyE	4	NE	5
N	4	NNW	3	NE	2	NbyE	2.5	NNE	4	NNE	3
NE	1.5	NE	3.5	NNE	1	NE	1	N	1	ENE	3.5
NE	2.5	NE	2	ENE	1.5	ENE	1.5	SW	2.5	WSW	2.5
Calm	----------	Calm	----------	WNW	1	WbyN	2.5	WbyN	3.5	WNW	2.5
NNE	.5	N	1.5	NNE	1.5	NW	2.5	WNW	3	W	4
Calm	----------	NNE	.5	WbyN	2	W	2.5	WSW	4	W	4
Calm	----------	NE	2	E	.5	E	3	ESE	2	EbyS	2
Calm	----------	NE	1.5	NNW	1	Calm	----------	WNW	1.5	WNW	1.5
Calm	----------	NNE	1.5	Calm	----------	W	2	WSW	3	SW	1.5
NE	1.5	Calm	----------	WNW	2	WSW	2	W	3	NW	2.5
Calm	----------	Calm	----------	N	1	E	3	SE	2	ESE	5.5
Calm	----------	NE	1	SE	2	ESE	1	NNW	2.5	W	3.5
Calm	----------	Calm	----------	Calm	----------	W	3.5	W	2.5	WNW	3.5
Calm	----------	ESE	1	Calm	----------	WSW	3	WSW	2	WSW	2.5
Calm	----------	Calm	----------	SSW	1.5	WSW	2	WSW	3	SE	2,5
Calm	----------	Calm	----------	Calm	----------	E	1	NE	2	WNW	2.5
ENE	.5	N	.5	Calm	----------	WNW	2.5	NWbyW	6	W	3
Calm	----------	Calm	----------	EbyN	2	E	2	NW	4	WbyS	4
NE	1	Calm	----------	SW	2.5	WSW	2	SE	2	SE	6
Calm	----------	N	1	NE	2	ESE	1.5	WbyS	3	W	4
Calm	----------	Calm	----------	Calm	----------	W	1.5	W	4	WNW	3.5
ENE	1.5	E	2	E	6	E	4.5	EbyS	7	E	2
N	1.5	N	2	NW	1	WNW	3.5	W	4	WNW	3.5
Calm	----------	Calm	----------	Calm	----------	S	1	E	2	SE	3.5
Calm	----------	NE	2	N	1.5	Calm	----------	S	1.5	Calm	----------
----------	.8	----------	1.1	----------	1.4	----------	2.5	----------	3.2	----------	3.4

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		Midnight.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
NE	2.5	N	1.5	Calm	----------	Calm	----------	NNW	0.5	NW	1	3.6
Calm	----------	NE	.5	Calm	----------	NNE	1.5	NNE	1.5	NNE	2	3
Calm	----------	Calm	----------	N	.5	Calm	----------	Calm	----------	Calm	----------	2.7
NNE	7.5	NNE	5.5	NNE	2	NNE	3.5	NNE	.5	Calm	----------	3.7
Calm	----------	Calm	----------	N	.5	N	.5	N	2.5	N	2	2.2
Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	1
ESE	1	Calm	----------	Calm	----------	Calm	----------	NEbyE	1	Calm	----------	1.2
Calm	----------	SSE	1.5	SE	2	Calm	----------	NNW	4	N	.5	1.7
Calm	----------	Calm	----------	E	.5	Calm	----------	Calm	----------	NW	2	1.5
SEbyE	1	SE	1	SE	1	SE	.5	SE	1	Calm	----------	1.8
ENE	2	NE	1.5	N	1.5	Calm	----------	Calm	----------	Calm	----------	.8
ESE	1.5	ESE	.5	Calm	----------	Calm	----------	Calm	----------	E	.5	.9
Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	1.1
SEbyE	2.5	SE	2	SE	2	SE	2.5	E	.5	ENE	1	1.6
Calm	----------	SE	2	ESE	1.5	Calm	----------	Calm	----------	Calm	----------	1.6
ESE	3	E	1	SE	.5	Calm	----------	SE	1	Calm	----------	2
S	1	SSW	2.5	S	1.5	S	1	Calm	----------	Calm	----------	1.1
ESE	3	ESE	3	ESE	2.5	SEbyE	2.5	ESE	2.5	ESE	3	2.4
ESE	1	Calm	----------	Calm	----------	Calm	----------	Calm	----------	ENE	1	1
ESE	6	SE	3	Calm	----------	E	.5	ESE	.5	Calm	----------	2
SE	2	ESE	1.5	ESE	1	E	1	Calm	----------	Calm	----------	1.8
SEbyE	5	SE	2.5	SEbyE	1	ESE	2	ESE	1	ESE	.5	2.6
ESE	2.5	ESE	2.5	ESE	2.5	ESE	2	Calm	----------	Calm	----------	1.6
ESE	.5	ESE	4.5	ESE	2.5	ESE	3.5	ESE	2.5	ESE	3	2.4
E	2	ESE	1	ESE	1.5	E	3	ESE	3	ENE	4	3.3
ESE	2	SE	2	ESE	1	SE	1	ESE	1.5	Calm	----------	2.2
ESE	3	ESE	2.5	ESE	2.5	ESE	2	ENE	2	ESE	1	2.4
E	3.5	SE	2	SE	2	SE	2.5	SE	2.5	SE	3.5	2.1
----------	1.9	----------	1.6	----------	1.1	----------	1.1	----------	1	----------	1.1	2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Date.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	6. 5	3	6	8. 5	2. 5	6	7	9	12	13	**34.5**	29
2	2. 5	5. 5	11	12. 5	13	9	11	11	9. 5	22. 5	26	**33**
3	8. 5	14	12. 5	17. 5	15. 5	14	13	16. 5	16. 5	15	15	21
4	3	3	4	7	10. 5	11	12. 5	13. 5	15. 5	13	17	13
5	3	11. 5	10. 5	6. 5	8	6	6. 5	11. 5	9. 5	10	13. 5	12. 5
6	4. 5	1. 5	. 5	1. 5	. 5	. 5	6	6. 5	6. 5	5. 5	8	7
7	0	. 5	0	1. 5	1	1	1	0	2. 5	6. 5	12. 5	12
8	2	1	1	0	2	5	2. 5	3	7. 5	11	11. 5	11. 5
9	**14**	11	1	1	0	1. 5	3. 5	2	3	5	7	9
10	6	2	. 5	. 5	1. 5	4. 5	6. 5	8	14. 5	10. 5	**17.5**	14
11	0	1	0	0	1	1. 5	4. 5	2	1	2	1. 5	5. 5
12	0	0	1	. 5	1	. 5	2	1. 5	. 5	2	9	8. 5
13	4. 5	3	0	0	3	2	. 5	. 5	1	4	9	8
14	0	0	0	1	1. 5	0	0	0	2	3. 5	5	9
15	2	1	. 5	3	1	6	3. 5	2. 5	5. 5	6. 5	11	12
16	2	2	4	5	2	2. 5	. 5	. 5	2	5. 5	12	12
17	0	2. 5	1	0	0	. 5	1	1	0	3	8	11
18	1	5. 5	11	9. 5	7	. 5	. 5	5	2	9	10. 5	10. 5
19	5. 5	4. 5	0	0	1	. 5	0	. 5	1	2	13. 5	9. 5
20	1	. 5	1	1	1	1	1	3	. 5	7. 5	14	16
21	3. 5	3	11	12. 5	10	1. 5	2. 5	7. 5	5	5. 5	8	11. 5
22	1	1. 5	3. 5	1	1	. 5	2	1	1	4	3	16
23	4	1	1	2	3. 5	. 5	1. 5	3. 5	8. 5	6. 5	10	12
24	5	5. 5	3. 5	2	3	1	3	2	1	6	11	14
25	10. 5	10. 5	9	8	5. 5	7. 5	6	7	14. 5	22. 5	**30**	17
26	13	4. 5	1. 5	3. 5	5. 5	9	8	9	4	9	18	**18.5**
27	4	4. 5	2	2. 5	5. 5	4. 5	2. 5	2	2	7	7	12. 5
28	3. 5	4	5	5. 5	7	3. 5	1	4	11. 5	5. 5	8. 5	8. 5
Mean	3. 9	3. 8	**3.3**	4. 1	4. 1	3. 6	3.9	4. 8	5. 7	8	12. 6	13. 4

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	3	8	6	6	7	6	7	6	5	9	9	9	6. 8	8	45
2	3	4	5	5	5	5	4	5	7	6	6	5	5	8	00
3	7	10	10	9	10	10	10	10	9	10	10	8	9. 4	1	50
4	3	4	4	7	7	8	9	7	10	8	8	9	7	5	00
5	2	3	3	7	9	7	9	6	8	10	9	10	6. 9	5	45
6	9	9	7	6	9	9	8	10	10	9	9	10	8. 8	4	50
7	5	4	4	8	9	9	10	9	7	5	3	4	6. 4	5	40
8	5	10	7	7	9	9	4	4	4	4	6	5	6. 2	6	40
9	6	5	5	7	8	8	8	8	8	8	9	9	7. 4	6	10
10	10	10	10	10	10	9	8	9	7	7	7	7	8. 7	0	45
11	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
12	8	10	10	9	10	10	7	8	8	8	9	8	8. 8	3	05
13	7	4	5	10	10	10	10	9	9	9	9	5	8. 1	2	35
14	7	6	7	6	5	5	5	4	5	4	6	4	5. 3	7	00
15	8	5	6	7	7	5	5	6	5	3	2	2	5. 1	9	00
16	0	2	1	5	5	5	7	6	4	5	5	3	4	9	40
17	2	1	2	2	2	1	1	2	2	2	1	4	**1.8**	10	20
18	3	2	2	5	8	9	6	7	8	6	5	2	5. 2	5	45
19	10	10	9	10	10	10	9	10	9	8	9	9	9. 4	0	05
20	6	5	6	8	9	8	6	6	7	5	5	4	6. 2	8	15
21	6	3	4	6	9	5	8	8	6	6	2	5	5. 7	5	15
22	2	1	1	2	5	4	4	5	4	6	6	4	3. 7	9	10
23	5	2	1	4	3	4	5	5	5	4	4	3	3. 8	9	40
24	6	9	7	7	7	8	9	8	8	7	4	5	7. 1	1	35
25	2	2	2	3	3	3	4	5	4	3	2	2	2. 9	**10**	**25**
26	3	3	2	2	3	2	3	3	2	1	3	2	2. 4	10	15
27	6	4	3	3	3	4	3	3	3	5	4	2	3. 6	8	20
28	9	8	10	9	9	8	7	8	8	8	8	5	8. 1	5	00
Total														168	50
Mean	5. 5	5. 5	**5.3**	6. 4	**7.2**	6. 8	6. 6	6. 7	6. 5	6. 3	6. 1	5. 5	6. 2	6	02

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-Mdt.	Mean.
24.5	28.5	23	30.5	28.5	18	14.5	12.5	1	2.5	1.5	6.5	13.7
29.5	20	26.5	23.5	28.5	16.5	7	4	1.5	6	5.5	6.5	14.2
23	**23**	20.5	18.5	14	7.5	3.5	4	3	1	0	0	12.4
21.5	**27**	26.5	26	26	20	20.5	20	12.5	13	4.5	2.5	**14.3**
10	10	6	17	**24**	19.5	5.5	1	1	2.5	4.5	7.5	9.1
5.5	**8.5**	**8.5**	6.5	5	1.5	.5	2.5	.5	.5	.5	0	3.7
10.5	7.5	4	**14**	**14**	10.5	6	2	4.5	.5	4.5	2	4.9
8	10	12	10	2	0	1	7	6	6	9	**14**	6
11.5	10	13	9.5	5.5	8	.5	1.5	1.5	2	0	5	5.2
12	13	11	12	9	9	4	5	4	5	2	2	7.2
5	5	4	6	4	2.5	**9.5**	7.5	6.5	1.5	0	.5	**3**
4.5	**10.5**	7	8.5	5	4.5	4	2	1	0	.5	1.5	3.1
4	**12**	6.5	3.5	6.5	10.5	6	2	1	1	1	0	3.7
14	14	**16**	14	13	11	9	8.5	6.5	9	5.5	3	6.1
8	10	15	**21**	**21**	12.5	10.5	9	6	4	.5	.5	7.2
15	**16**	12.5	12.5	15	11	7.5	5.5	3.5	1.5	3	2	6.5
15.5	14.5	**17**	13.5	7	2.5	5.5	8.5	7.5	6	1.5	1.5	5.4
9.5	16	**19**	16.5	18	10.5	11.5	6.5	10	11	6.5	9.5	9
17	12	15	13	0	2	2	2	0	0	.5	2	4.3
9.5	17	**19**	7	6	5	11	11	6.5	2	2	5	6.2
13	8	7.5	11	10.5	10	7	5.5	3.5	2	1.5	.5	6.7
17	19	17	**22**	18	12	10	10	6	7	4.5	1.5	7.5
12	10	10	7	9	**14.5**	11.5	11	9	7.5	3	.5	6.6
11.5	15.5	18.5	**22**	16.5	13	6	13	10	12	12.5	10.5	9.1
22	21	26	19	25	19	12	6	5	5	5	12	13.5
17.5	15	10	9	12.5	14	12	13	8.5	8	9	4	9.8
17.5	20	22.5	**24**	18	18.5	13	12	7	9	6	4	9.5
15	17	8	14.5	**19.5**	17	12	6.5	7.5	9.5	7	9.5	8.8
13.7	14.6	14.3	**14.7**	13.6	10.7	8	7.1	5	4.8	3.6	4.1	7.7

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	8	2	7	2											2	1	2	328.5	7.5	
2	3	9	3	3											1	3	2	341.5	8	
3	4	8	5	1													6	297	4.6	
4	7	12	2													1	2	**343**	5.7	
5	5	8	6	2													3	217.5	4.6	0.3
6	2	1	2	2							1	1	3	2			10	88.5	2.6	2.3
7		1		1	1	2	2						1	4	1		11	118.5	3.5	
8	3	2					1	1				2	3	2	1	1	8	143	4.3	
9	3	1			1						1	1	3	4	1		9	126	3.9	
10			2		4	6	7								1		4	174	4.2	
11	1		3	1	1	3		2						2		1	10	**72**	**1.4**	**6.9**
12		1			1	2	1	1			1	2	2	2	1		10	75.5	2.9	.3
13		3	3	1	1	2						1	1	1	1		10	89.5	1.9	1.3
14	1		1	1	2	3	9										7	145.5	5.2	
15	1	1	2	1		4	5						1			1	8	172.5	5	
16	1		1		1	1	4	1					3	3			9	155	4.8	
17		1				1			3	1		4	3	1			10	128.5	4.9	
18	4					10	3			1		2					4	216.5	4.4	
19	1	1	3	1	1	3								1			13	103.5	2.2	
20	1	1	1	4	1	3	2				1		1	1	2		6	148.5	5.1	
21				3	5	6	1						1	1	2		5	161.5	4.4	
22			1			6	10				1	1					5	179.5	6.6	
23	1		5			5	2		1	1	2		2				5	159	5.9	
24			2		1	12							2	1			6	218	5.3	
25				2	10	11	1											325	7.5	
26	4	1			3	6	2						3	3	1		1	236	6.8	
27	2	1		1	1	5	6	1	1								6	227.5	7	
28	1	3	2	2	2	2	5		2				1		1		3	210.5	5.5	
Total	53	57	51	28	36	93	61	6	7	3	7	14	30	28	15	8	175	5,201.5	135.7	11.1
Mean	1.9	2	1.8	1	1.3	3.3	2.2	0.2	0.2	0.1	0.2	0.5	1.1	1	0.5	0.3	6.2	185.8	4.8	0.4

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	764. 05	10. 15p.	30. 7	11. 45a.	82	16. 4	761. 05	3. 30p.	21. 3	10. 40p.	50	14
2	64. 50	10. 00p.	30. 2	0. 55p.	**79**	16. 2	**61.95**	2. 45p.	21	2. 10a.	49	14. 1
3	**64.75**	9. 05a.	29. 7	11. 20a.	83	16	61. 35	3. 15p.	20. 4	11. 55p.	58	14. 4
4	63. 50	0. 05a.	30. 1	2. 20p.	84	18. 1	59. 45	3. 15p.	19. 8	2. 50a.	60	14. 8
5	61. 60	9. 30a.	31. 6	0. 20p.	93	20. 7	58. 15	3. 10p.	21. 8	6. 55a.	55	16
6	60. 50	9. 20a.	30. 5	10. 25a.	88	21. 5	57. 40	2. 55p.	22. 7	6. 25a.	64	17. 5
7	60. 85	9. 40a.	31. 3	4. 05p.	96	20. 4	57. 25	3. 45p.	21. 8	4. 55a.	57	17. 8
8	59. 85	9. 55a.	31. 4	3. 05p.	91	21. 1	56. 94	4. 00p.	21	6. 30a.	63	17. 7
9	**58.95**	12 m. n.	31. 4	2. 45p.	95	21. 6	56. 30	3. 15p.	22. 8	6. 20a.	63	18. 7
10	60. 05	9. 15a.	31. 3	1. 25p.	91	20. 2	56. 80	3. 15p.	**23.5**	6. 45a.	57	18. 1
11	60. 75	9. 50a.	**26.9**	3. 45p.	96	21. 7	58. 01	4. 00p.	22. 8	11. 40p.	**79**	17. 3
12	60. 25	9. 25a.	29. 3	4. 25p.	88	19. 6	57. 35	3. 15p.	21. 7	2. 40a.	66	17. 1
13	.60. 75	9. 55a.	29. 4	3. 15p.	95	21. 5	57. 85	2. 35p.	20	6. 30a.	70	16. 5
14	61. 05	8. 50a.	32. 8	2. 50p.	**98**	19. 8	57. 59	4. 00p.	21. 3	6. 30a.	54	18. 4
15	60. 90	9. 15a.	32. 3	1. 55p.	86	21. 1	57. 35	3. 30p.	22. 8	1. 25a.	54	17. 5
16	60. 55	9. 30a.	32. 7	3. 55p.	93	20. 6	57. 12	3. 00p.	22. 3	6. 35a.	49	17. 3
17	60	9. 25a.	32. 3	3. 55p.	95	21. 3	**56.05**	4. 15p.	21. 5	6. 35a.	51	17. 3
18	59. 65	9. 25a.	31. 9	0. 50p.	95	**22.7**	56. 94	4. 00p.	23	6. 30a.	64	**19.1**
19	61. 17	10. 00a.	28. 8	9. 55a.	90	21. 2	58. 55	2. 00a.	22. 9	11. 10p.	70	18. 7
20	62. 10	9. 50a.	32. 4	1. 20p.	93	19. 8	59. 25	2. 20p.	21	5. 45a.	55	17. 3
21	61. 70	8. 45a.	31. 4	11. 50a.	95	19. 2	59. 37	3. 00p.	21. 6	5. 05a.	55	16
22	61. 70	9. 05a.	32. 3	1. 05p.	92	17. 9	57. 75	2. 45p.	19. 9	6. 15a.	50	16. 1
23	61. 55	9. 25a.	31. 7	3. 55p.	87	19. 6	57. 70	3. 35p.	20. 5	4. 30a.	54	14. 9
24	61. 65	9. 10a.	29. 8	0. 45p.	89	18. 4	58. 65	3. 40p.	19. 7	6. 15a.	49	13. 6
25	60. 45	9. 10a.	33. 1	2. 15p.	84	**15.8**	57. 59	3. 00p.	19. 9	6. 40a.	**40**	**12.2**
26	60. 90	9. 45a.	32. 9	3. 45p.	83	19. 4	57. 52	4. 00p.	19. 7	6. 30a.	52	13. 9
27	60. 70	9. 25a.	**33.2**	2. 25p.	90	19. 2	56. 48	4. 00p.	21. 4	6. 45a.	52	16. 1
28	59. 35	8. 40a.	32	2. 30p.	91	18. 8	56. 80	3. 30p.	**19.5**	6. 10a.	55	15. 5
Mean	761. 21	--------	31. 2	--------	90. 1	19. 6	758. 02	--------	21. 3	--------	57	16. 4

DAILY GENERAL REMARKS.

1----≡° a.; gusty NEly. winds in the forenoon and afternoon.
2----As yesterday.
3----Somewhat gusty NEly. winds in the afternoon.
4----≡° a.; gusty NNE winds in the afternoon.
5----≡°, d in the morning; ●°, somewhat gusty NNE winds in the afternoon.
6----≡° a.; p in the afternoon.
7----≡° a.; d° in the afternoon.
8----≡° a.
9----≡° a.
10----d in the morning.
11----● in the morning; ●° in the afternoon.
12----≡ a.; p 12. 50 p.
13----⌓, ≡°, d° in the morning; ●° in the afternoon.
14----≡° a.
15----≡° a.; somewhat gusty SE winds in the afternoon.
16----≡ a.; somewhat gusty SEly. winds in the afternoon; coloration of clouds at sunset.
17----≡° a.
18----≡° a.
19----≡°, d° in the morning; ⌒^{2} p.
20----⌓, ≡° a.; somewhat gusty SEly. winds in the afternoon.
21----≡° a.
22----≡° a.
23----≡° a.
24----≡° a. somewhat gusty ESE winds in the afternoon; coloration of clouds at sunset.
25----Somewhat gusty SEly. winds during the warmer hours.
26----Coloration of upper clouds at sunset.
27----≡° a.; somewhat gusty SE winds during the afternoon.
28----≡° a.; striking coloration of clouds at sunset.

OBSERVATIONS FOR MARCH, 1910.

ATMOSPHERIC PRESSURE, 700^{mm}+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	58.50	58.15	58.15	58.40	58.60	59.20	59.85	60.29	**60.45**	60.27	59.68	59.17
2	58.75	58.10	57.90	57.80	58	58.41	58.76	59.01	**59.17**	59.10	58.50	57.87
3	57.75	57.45	57.60	57.75	57.85	58.14	58.57	59.11	**59.27**	59.15	58.72	58.24
4	58.55	58.10	58.10	58.20	58.50	59.10	59.52	59.80	**60.07**	**60.07**	59.67	58.89
5	59	58.70	58.55	58.55	58.90	59.34	59.95	60.25	60.58	**60.62**	60.10	59.53
6	59.35	59.25	59.30	59.45	59.55	60.24	61	61.30	**61.54**	61.42	61.19	60.55
7	59.90	59.35	59	58.85	59.05	59.57	60.22	60.75	**61.02**	60.83	60.59	60.24
8	60.05	59.85	59.55	59.65	59.85	60.14	60.65	61.10	61.20	**61.30**	60.94	60.14
9	60.95	60.60	60.20	60.15	60.35	60.63	61.13	61.59	61.97	61.89	61.61	60.99
10	61.85	61.50	61.35	61.25	61.10	61.60	62.07	62.50	**62.92**	62.77	62.27	61.69
11	62.10	61.90	61.60	61.55	61.15	61.45	61.74	62.04	62.27	62.37	62.13	61.62
12	62	61.70	61.65	61.40	61.40	61.67	62.12	62.37	**62.47**	62.35	61.67	61.11
13	60.80	60.35	60.15	59.95	60.05	60.54	61.14	61.62	61.74	61.65	61.28	60.96
14	61.45	61	60.95	60.85	60.80	61	61.40	61.94	**62.32**	62.19	61.97	61.60
15	61.15	60.75	60.70	60.85	61	61.11	61.66	62.13	62.19	**62.38**	61.50	60.85
16	**60.40**	59.90	59.40	59.30	59.35	59.37	59.81	60.17	60.39	60.01	59.53	58.98
17	57.90	57.55	57.35	57.45	57.55	57.84	58.21	58.45	**58.70**	58.51	57.89	57.47
18	56.45	56.05	56	55.80	56	56.49	57	57.31	57.47	57.44	57.21	56.62
19	56.85	56.60	56.65	56.50	56.90	57.44	57.81	58.17	58.12	57.89	57.61	57.19
20	58.85	58.60	58.30	58.40	58.75	59.28	59.75	60.10	**60.29**	60.15	59.90	59.17
21	59.45	59.10	59	59.05	59.30	59.91	60.39	60.69	**60.88**	60.77	60.20	59.45
22	59.15	58.70	58.65	58.50	58.75	59.27	59.93	60.54	**60.92**	60.87	60.31	59.74
23	59	58.75	58.30	58.25	58.50	58.78	59.55	60.10	60.29	**60.31**	60.03	59.36
24	59.90	59.70	59.65	59.70	59.80	60.24	60.55	61.14	**61.50**	61.44	61.08	60.27
25	61.10	61.10	60.85	60.85	60.95	61.42	61.80	62.05	62.12	62.05	61.68	60.82
26	62.20	61.80	61.25	61.10	61.15	61.54	62.02	62.47	**62.61**	62.57	62.06	61.47
27	60.95	60.60	60.35	60.15	60.45	60.82	61.30	61.75	**61.84**	61.77	61.13	60.42
28	59.85	59.50	59.30	59.35	59.45	59.88	60.38	60.88	**61.17**	60.89	60.87	60.26
29	59.80	59.25	59.20	59.10	59.25	59.48	60.03	60.23	**60.31**	60.27	59.84	59.14
30	59.50	59	58.85	58.50	58.50	58.94	59.24	59.85	**60.03**	59.79	59.32	59.02
31	59	58.60	58.35	58.20	58.40	58.66	59.17	59.49	**59.63**	59.28	58.64	58.37
Mean	59.76	59.40	59.23	59.19	59.33	59.73	60.22	60.62	**60.82**	60.72	60.29	59.72

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23.5	22.9	21.7	20.9	**20.6**	20.7	20.9	21.9	25.9	28.6	29	29.5
2	21.3	20.3	20.1	19.9	**19.5**	19.6	21	24.6	27.8	27.8	29	28.6
3	**23.7**	**23.7**	23.8	24	24.1	24.5	25	27.4	28.9	30	**31.7**	31.5
4	25.7	24.6	24.1	23.1	23.3	**22.7**	24	26.1	28.2	28.4	29.3	29.5
5	24.4	24.2	23.6	23.2	23	**22.6**	23.7	25.7	28	27.7	28.6	29.2
6	25.1	25.3	24.5	24.4	24.1	23.9	24.2	25.5	26	29.5	27.6	27.8
7	22.5	22.1	21.7	21.4	**21.1**	**21.1**	22.3	27.5	28.7	28	27.5	28.2
8	21.9	21.7	21.2	20.8	20.5	**20.1**	21.5	24.8	27.6	27.7	28.7	29.2
9	21.4	21.2	**21.1**	**21.1**	21.2	21.3	22.4	26.7	28.6	27.7	28.2	**31.3**
10	23.7	22.5	22	21.9	21.8	**21.7**	22.6	26	27.6	27.3	28.8	29.2
11	24.3	23.7	23.4	23.1	22.8	**22.7**	23	24.5	28.1	27.5	28.5	29.2
12	24.3	24.4	23.8	23.1	**22.9**	23	23.2	24.4	27.7	27.6	28.5	28.5
13	23.5	22.5	22.4	**22.1**	**22.1**	22.3	23.7	25.4	27.5	28.7	**29.4**	26.5
14.	22.5	21.9	21	**20.9**	21.5	21.4	21.7	25.8	26.6	27.5	28.5	28.2
15	21.6	21.3	**20.6**	21.4	21.6	21.6	21.7	23.4	25.1	26.7	27.7	29
16	22	21.8	21.1	20.5	20.4	**20.2**	21.5	23.2	26.5	27.8	28.5	28
17	24.6	24.5	24.8	23.6	22.8	**22.7**	22.8	24.2	25.5	26.5	28	29
18	24.8	24.1	22.8	22.5	22.3	**22.2**	23	26.8	28	28.2	28.2	29.8
19	24.8	24.5	23.9	23.7	23.5	**23.2**	24.6	27.6	28.6	29	**29.8**	28.8
20	24.4	23.8	23.4	23.3	22.8	**22.4**	23.5	26.1	27	27.8	29.2	30.5
21	23.4	23.2	22.7	22.4	22.1	**22**	23.7	27.3	29	29.4	32	32.7
22	23.9	23.7	**23.3**	23.4	23.6	23.6	24	26.5	28.4	29.7	29.4	29.7
23	24.6	24	23.7	23.4	23.3	**22.8**	24.5	27.7	29.5	30.8	29.2	30.1
24	22.7	22.4	22.3	22.3	22.3	**21.9**	23.3	25.8	27.5	28	29.5	30.2
25	24.2	23.8	23.4	23.5	23.3	**22.8**	24.9	28.2	31.2	31	32.3	**33.6**
26	24.5	24	23.8	23.5	**22.8**	22.9	24.8	27.9	30.5	31.3	31.8	32.8
27	23.3	23.2	23.3	23.1	23.4	**23**	25.6	27.7	30.9	32.4	32.7	33.1
28	22.4	21.7	21.2	20.9	**20.5**	20.9	23.9	27.7	29.9	28.2	28	30.5
29	22.9	22	21.4	21.3	**21.1**	21.4	23.4	28	30.7	28.6	29.1	30
30	**22.3**	22.4	23	23	22.8	22.4	24.2	26.4	29.4	29	29.4	29.3
31	23.8	23.5	23.3	22.6	22.5	**22.3**	24.2	27.5	29.5	28.6	31.5	33
Mean	23.5	23.1	22.7	22.4	22.2	22.1	23.3	26.1	28.2	28.6	29.3	29.9

ATMOSPHERIC PRESSURE, $700^{mm}+$.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
58.14	57.29	**56.65**	56.85	57.27	57.48	57.98	58.50	59.05	59.30	59.50	59.30	58.67
57.13	56.63	55.89	**55.86**	56.23	56.69	56.98	57.45	57.95	58.10	58.30	57.95	57.77
57.74	56.85	56.28	**56.04**	56.37	56.86	57.56	58.20	58.60	58.85	59	58.85	57.95
58.03	57.17	**56.77**	57.11	57.78	57.94	58.58	58.70	59.30	59.45	59.65	59.55	58.69
58.69	57.86	57.37	**57.32**	57.55	58.11	58.74	59.05	59.30	59.50	59.70	59.60	59.04
59.54	58.39	**57.77**	58	58.02	58.43	59.37	59.85	60.30	60.50	60.40	60.10	59.78
59.42	58.63	**58.01**	58.19	58.47	58.64	59.35	59.90	60.15	60.50	60.60	60.35	59.65
59.29	58.73	**58.34**	58.49	58.86	59.12	59.80	60.50	61	61.20	61.25	61.10	60.09
60.41	59.84	59.39	**59.19**	59.67	60.02	60.48	60.95	61.60	61.95	**62**	61.95	60.81
61.07	60.73	59.84	**59.57**	59.74	60.12	61.14	62	62.50	62.75	62.85	62.60	**61.57**
61.03	60.57	60.01	**59.84**	60.37	60.52	61.01	61.50	62.05	62.15	62.35	**62.40**	61.49
60.22	59.51	58.89	**58.76**	59.17	59.29	59.62	60.10	60.75	61.10	61.15	61.05	60.90
60.64	59.84	**59.55**	59.62	60.02	60.07	60.38	60.90	61.40	61.80	**61.95**	61.80	60.76
60.94	60.19	**59.62**	59.72	60.29	60.53	60.75	61.25	61.90	62.05	61.85	61.65	61.18
60.34	59.83	**59.30**	59.34	59.37	59.58	60.07	60.70	60.90	60.85	60.75	60.50	60.74
58.47	57.71	**57.21**	57.39	57.63	57.70	58	58.25	58.35	58.65	58.55	58.40	58.87
56.78	56.08	**55.57**	**55.57**	55.92	56.08	55.84	56.20	56.70	57.05	57	56.85	57.10
56.10	55.77	55.17	**55.14**	55.26	55.79	56.47	56.85	57.30	57.60	**57.65**	57.30	**56.51**
56.71	56.44	55.84	**55.81**	56.24	56.84	57.56	58.15	58.65	59	**59.25**	59.15	57.39
58.37	57.48	**57.11**	57.13	57.38	57.97	58.98	59.30	59.75	59.90	59.90	59.80	58.94
58.46	57.84	57.68	**57.52**	58.17	58.21	58.55	59.25	59.45	59.55	59.60	59.55	59.25
58.74	57.96	57.13	**57.07**	57.81	58.44	59.02	59.50	59.75	60.15	60.15	59.55	59.19
58.48	57.50	**57.42**	57.71	58.52	59.04	59.18	59.55	60.15	60.20	60.20	60.20	59.14
59.51	58.72	**58.15**	58.30	58.52	58.96	59.53	60.20	60.85	61.40	61.45	**61.50**	60.09
60.36	60.04	**59.75**	59.79	60.05	60.53	60.95	61.80	62.10	62.50	**62.70**	62.55	61.25
60.82	60.04	**59.71**	59.76	59.92	60.65	61.26	61.75	61.95	62.05	61.95	61.75	61.41
59.60	58.98	58.58	**58.57**	58.76	59.44	59.92	60.30	60.55	60.60	60.70	60.45	60.33
59.25	58.76	58.51	**58.29**	58.65	59.02	59.31	59.70	60.05	60.35	60.30	60.10	59.75
58.22	57.96	**57.69**	57.77	58.17	58.69	59.18	59.60	60	60.10	60.05	59.95	59.30
58.28	57.76	57.21	**57.20**	57.31	57.90	58.52	58.85	59.30	59.50	59.65	59.40	58.81
57.62	56.94	56.69	**56.67**	57.07	57.57	58.02	58.50	58.90	59.10	59.20	59.10	58.38
58.98	58.32	**57.84**	57.86	58.21	58.59	59.10	59.59	60.02	60.25	60.31	60.14	59.51

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
31.8	**32**	31.7	30.8	29.3	27.2	25.5	24.2	23.6	22.9	22.4	21.9	25.4
29.3	30	**31.1**	29.5	28.8	27.1	26.4	25.9	25.2	24.8	24	24	25.2
30.5	30.7	31	31	29	27.8	27.6	27.3	26.8	26.3	26.3	26.2	27.4
30.9	**31.7**	31.1	28.1	26.3	26.2	26	25.7	25.6	24.7	24.3	24.4	26.4
29.5	30.3	**30.9**	30.4	29.5	28.1	26.3	25.6	25.8	25.7	25.6	25.3	26.5
29.6	29.5	**30.6**	26.9	29.1	27	25.7	25.3	24.6	24.3	24.1	**23.3**	26.2
30.4	29.6	29.2	29.4	28.2	26.9	25.7	24.8	24.1	23.1	22.9	22.3	25.4
29.6	29.5	**30.4**	29.4	28.8	27.2	26	24.9	23.8	23.2	22.4	22	25.1
30.4	28	28.5	29.9	28.3	27.5	26.6	25.7	25.6	25.5	25.1	25	25.8
30.4	28.8	30.1	30	28.5	26.4	25.4	25.4	25.3	25.1	24.8	24.6	25.8
29.4	27.7	27.8	29	28.3	27.6	27	25.8	24.8	25	24.9	24.1	25.9
29.5	**30.1**	28.6	28.8	26.3	26	25.3	25.4	24.9	24.7	24.5	24.2	25.8
27.2	29.1	28.2	28	26.7	26.2	25.4	24.4	24.5	24.4	24.5	23.9	25.4
29.2	30	**30.7**	29	27.6	26.7	25.6	24.7	24.5	24	23.2	22.5	25.2
27.5	28	29.7	**29.9**	28.1	26.3	24.9	23.8	23.3	23.2	23.7	22.5	**24.7**
28.4	**29.8**	28.9	28.3	27.2	26.4	25.4	24.6	24.4	24	23.8	23.9	24.9
29.4	**29.4**	28.4	28.3	27.6	27.1	26.5	25.9	25.5	25.2	24.9	24.8	25.9
30.2	28.8	28.2	28	27.3	27	26.8	26.6	26.5	26	25.2	24.9	26.2
29.5	27.8	26.8	27.5	27.4	27.2	26.7	26.2	25.7	25.6	25.5	24.8	26.4
31	**31**	28.7	28.3	28.4	27.8	27.6	26.4	25.5	24.7	24.5	23.8	26.3
33.3	31.5	30	31.7	28.3	27.7	27	26.7	26.3	25.3	24.8	24.5	27
30.8	31	**31.7**	30.5	27.7	27.9	28.1	27.6	27.4	26.7	26.4	25.9	27.1
30.7	**32.2**	28.8	27.9	26	25.8	25.6	25.4	25.2	24.1	23.3	**22.8**	26.3
31.5	**31.6**	30.6	31.3	30.5	29.4	27.9	27	26.2	25.9	25.3	24.9	26.7
32.5	33	31.4	30.3	30.5	28.3	26.7	25.8	25.6	25	25.4	25	27.6
33.4	**33.8**	33.5	32.3	31.2	29	27.6	26.5	25.4	24.6	24.4	24.3	**27.8**
33.7	33.3	32.3	32	31	28.1	26.9	26	24.6	24	23.8	23.1	27.5
31.9	**33.4**	32.7	32	30.8	28.4	26.8	25.5	24.6	24.3	23.7	23.6	26.4
32.6	32.4	**32.9**	32.8	31.6	29.3	27.9	26.4	25.2	24.4	24.1	23.2	26.8
29.2	30.9	30.7	**31.7**	31.4	29.3	28	27.3	25.9	25	24.9	24.4	26.8
33.2	32.5	31.8	31.3	30.7	28.6	27.4	26.4	25.5	24.6	24.1	23.4	27.2
30.5	**30.6**	30.2	29.8	28.7	27.5	26.5	25.8	25.2	24.7	24.4	24	26.2

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	83	83	87	**91**	**91**	90	**91**	88	70	60	59.5	57
2	76	78	79	80	**83**	82	82	68	62	61	**55**	60
3	79	80	77	79	81	78.5	77	67	64	59	**54**	58
4	78	83	85	89	88	**92**	90	79	71	70	68	65
5	89	91	**94**	93	**94**	**94**	90	84	77	76	69	70
6	84	84	86	86	88	90	**91**	82	80	69	72	71
7	89	91	93	95	**97**	**97**	94	70	63	66	68	66
8	81	81	84	85	86	**87**	**87**	77	66	62	61	58
9	88	89	90	89	89	**91**	**91**	67	60.5	62	65	56
10	79	85	88	88	88	90	**91**	72.5	72	71	64	61
11	85	86	88	90	**93**	**93**	90	83	72	72	62.5	62
12	78	78	82	87	88	**91**	90	80	73	71	65	66
13	86	90	89	90	**91**	90	86	76	66	62	**60**	70
14	84	88	**92**	**92**	91	89	90	69	67	66	64	60
15	81	83	**87**	86.5	86	85	**87**	80	80	73	65	63
16	81	83	88	**90**	89	89	84	77	66.5	62.5	58	57.5
17	69	75	79	82	**85**	**85**	84	82	77	70.5	60	57
18	76	79	87	88	88	88	**89**	74	78	72	68	**65**
19	89	89	**93**	92	91	92	90	78	69	68	**63**	69
20	91	94	94	94	**95**	**95**	90	81	78	74	70	68
21	90	90	92	93	**94**	**94**	92	78	74	71	53	**52**
22	91	91	92	**94**	93	93	93	80	72.5	65	63	68
23	82.5	86	86	85	86	88	87	70	64	59	68	64
24	97	98	98	98	97	**99**	93	84.5	77	75	70	69.5
25	83	84	85	85	84.5	**87**	85	74	63	61	55.5	**51**
26	76	77	74	75	**79**	78	75	67.5	57	54	53	51
27	84	82	84.5	86	87	**89**	83	71	53	45.5	43	41.5
28	76	79	82	83	85	**86**	82	67	57	65.5	66	56.5
29	83	88	**91**	90	**91**	89	87	65	59	69	68	63
30	82	85	80	83	83	**87**	84	75	66	68	70	70
31	84	85	85	**89**	**89**	**89**	86	71	64	71	54	50
Mean	83	85	86.8	88	88.7	**89.3**	87.5	75.4	68.3	66.2	62.4	61.2

VAPOR PRESSURE (${}^{\mathrm{mm}}$).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	**17.8**	17.2	16.9	16.7	16.4	16.3	16.7	17.3	17.4	17.4	17.7	17.4
2	14.3	**13.8**	**13.8**	13.9	14	13.9	15.1	15.6	17.2	17	16.4	17.4
3	17.2	17.4	**16.9**	17.5	18	17.9	18.2	18.2	18.9	18.5	18.8	19.9
4	19	19.2	18.9	**18.6**	18.7	18.9	19.9	19.9	20.2	20	20.5	20
5	20.2	20.5	20.3	19.7	19.6	**19.1**	19.5	20.5	**21.7**	20.9	20.1	21
6	20	20.2	19.6	19.4	19.6	19.8	20.3	19.9	20	21.2	19.7	19.8
7	18.1	18	17.9	17.9	18.1	18.1	18.8	19	18.3	18.6	18.5	18.8
8	15.9	15.7	15.8	15.6	15.4	**15.2**	16.5	17.9	18.1	17.2	17.7	17.4
9	16.7	16.7	16.7	**16.6**	16.7	17.1	18.3	17.5	17.6	17.2	18.4	19
10	17.2	17.2	17.4	17.3	**17.1**	17.4	18.6	18.1	**19.7**	19.2	18.8	18.4
11	19.1	18.8	18.8	19	19.2	19	18.8	19	**20.4**	19.6	18	18.8
12	**17.5**	17.8	18	18.3	18.2	19	19.1	18.2	20.3	19.6	18.8	19.2
13	18.5	18.3	18	17.8	18	18.1	**18.8**	18.3	17.9	18.1	18.2	18
14	17.1	17.3	16.9	16.8	17.3	16.9	17.4	17.1	17.4	18.1	**18.4**	17.1
15	15.6	15.6	15.7	16.4	16.4	16.2	16.7	17.2	18.9	**19**	18	18.7
16	16	16.1	16.4	16.1	15.8	**15.6**	16	16.3	17.1	**17.3**	16.8	16.1
17	**15.9**	17.2	18.3	17.8	17.6	17.5	17.4	18.5	**18.6**	18.1	16.9	16.8
18	17.7	17.7	17.9	17.7	17.7	**17.6**	18.5	19.3	**21.9**	20.5	19.2	20.4
19	20.7	20.3	20.5	20.1	19.6	**19.5**	20.7	21.3	20.1	20.3	19.8	20.2
20	20.8	20.6	20.1	20	19.5	**19.1**	19.3	20.3	20.7	20.6	21.1	**22.2**
21	19.2	18.9	18.9	18.7	18.5	**18.4**	20.1	20.9	21.9	21.6	18.6	19
22	20.1	19.9	19.6	20.1	20.1	20.1	20.7	20.6	20.8	20.2	19.2	**21**
23	18.9	19	18.8	18.2	18.3	**18.1**	20	19.5	19.6	19.3	20.3	20.2
24	19.8	19.8	19.6	19.6	19.5	19.4	19.8	20.8	21	21.1	21.3	**22.1**
25	18.7	18.4	18.2	18.2	18	17.9	19.9	21.2	**21.3**	20.4	20	19.9
26	17.4	17	16.3	16.1	16.4	16.1	17.4	**18.8**	18.6	18.5	18.5	18.7
27	17.8	17.3	18	18.1	18.6	18.5	**20.2**	19.7	17.5	16.4	15.7	15.6
28	15.3	**15.2**	15.3	15.3	15.3	15.9	18.1	18.4	17.8	**18.6**	**18.6**	18.3
29	17.3	17.4	17.2	16.9	16.9	16.9	18.6	18.3	19.4	20.1	20.4	19.8
30	**16.5**	17.1	16.7	17.3	17.2	17.5	18.8	19.2	20	20.3	21.2	21.1
31	18.4	18.2	18.1	18.2	17.9	17.9	19.2	19.4	19.6	**20.7**	18.7	18.6
Mean	17.9	17.9	17.8	**17.7**	**17.7**	**17.7**	18.6	18.9	**19.4**	19.2	18.8	19.1

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
48	43	43	**38**	45	51.5	57	64	65	70	72	74	67.5
61	62	58	64	61	67	68	70	73.5	75	78	78	70.1
64	64	66	62	74	78	76	75	79	**82**	80	77	72.1
59	**56**	59	70	85	84	85	84	82	88	91	91	78.8
68.5	64	62	**60**	70	73	79	81	79	80	81	83	79.2
66.5	66	67	81	**64**	67.5	75	75	79	81	81.5	88	78.1
60	61	63	62	**59**	62.5	67	70	74	79.5	78	81	75.2
56	**56**	**56**	62	57	61	65	71	77	80	83	83	71.8
59.5	68	60	**55**	60	63	66	71	71	71	70	70	71.8
60	64	59	**57**	62.5	69	75	74	76	78	81	83	74.5
61	65	65	**59**	60	62	65	72	77	75	75.5	79	74.7
64	**62**	71	67	83	85	83.5	80	83	83	82	82	78.1
70	62	**60**	62	66	68	72	76	75	76	75	77	74.8
52	**49**	**49**	52	51	53	59	63	63	69	74	77.5	69.3
65	66	52	**47**	50	58	62	68	69	71	71	78	71.4
59	**54**	**54**	55	60	64	66	69	70	72	73	73.5	70.6
56	**54**	56.5	58	62	64	66.5	69	71	76	77	77	70.5
68	72	76	74	78	79	80	83	83	84	84	87	79.2
66	70	75	76	81	82	85	87	89	89	88	92	**81.8**
64	**64**	71	74	75	76	75	78	83	87	87	89	81.1
52	60	64	59	79	80	81	83	85	88	89	88	78.4
59	59	57.5	**56**	75	74	71	72	70	74	77	79	75.8
62	**56**	69	73	80	83	84	86	88	91	**97**	96	78.8
63	**59**	65	61	63	63	69	74	76	76	80	79	78.5
51	**51**	**51**	53	**51**	57	61	64	64	71	73	75	67.5
48.5	44	**42**	46	47	53	57	64	69	73	75	78	63
40	**39**	41	42	42	48	54	57	63	67	70	74	**61.9**
50	**45**	49	**45**	49	58	64	70	72	74	79	80	67.5
50	49	52	56	**46**	54	57	66	70	74.5	76	80	69.7
70	66	63	63.5	**57**	59	65	67	75	78	79	81	73.2
48	50	50	55	55.5	62	68	71	76	77	78	83	70.4
58.7	**58.1**	58.9	59.5	62.8	66.4	69.6	72.7	75	77.7	79.2	81.1	73.4

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
16.8	15.3	14.9	**12.5**	13.7	13.8	13.7	14.3	14.2	14.4	14.6	14.4	**15.7**
18.5	19.4	19.4	**19.6**	18.1	17.8	17.5	17.4	17.5	17.4	17.4	17.4	16.7
20.7	21	**22.2**	20.8	22	21.6	20.9	20.2	20.6	20.8	20.4	19.5	19.5
19.7	19.4	19.8	19.7	**21.6**	21.2	21.1	20.7	20	20.4	20.5	20.6	19.9
20.9	20.4	20.5	19.4	21.3	20.6	20	19.7	19.5	19.6	19.7	19.8	20.2
20.5	20.4	**21.9**	21.3	19	**17.8**	18.5	18	18.2	18.2	18.2	18.7	19.[illegible]
19.4	18.7	19	18.9	16.7	16.4	16.5	16.3	16.4	16.7	**16.1**	16.3	17.8
17.2	17	18	**18.9**	16.7	16.3	16.3	16.6	16.8	16.8	16.8	16.3	16.8
19.2	18.9	17.3	17.4	17.2	17.2	17	17.4	17.2	17.1	16.7	**16.6**	17.4
19.4	18.8	18.8	18.1	18	17.7	18.1	17.9	18.2	18.5	18.8	19.2	18.2
18.6	18	18.1	17.6	17.2	**16.9**	17.1	17.7	17.9	17.6	17.7	17.7	18.4
19.6	19.6	20.5	19.6	**21.2**	21.1	20	19.2	19.3	19.1	18.6	18.5	19.[illegible]
18.8	18.4	17.1	17.4	17.1	17.2	17.4	17.3	17.1	17.3	17.1	17.1	17.8
15.8	15.5	16.1	15.5	13.9	**13.8**	14.3	14.5	14.5	15.3	15.6	15.7	16.2
17.7	18.6	16.2	14.8	**14.1**	14.7	14.5	14.9	14.7	14.9	15.5	15.9	16.3
17	16.7	15.9	15.8	16.1	16.4	15.8	15.9	15.9	16	16.1	16.2	16.2
16.9	16.6	16.2	16.5	17.1	17	17.1	17.3	17.3	18.1	18	17.9	17.4
21.8	21.2	21.6	20.7	20.9	20.9	21	21.5	21.4	21	20.1	20.3	19.9
20.1	**19.5**	19.7	20.8	21.8	21.9	**22.1**	22	21.9	21.8	21.4	21.5	**20.7**
21.5	21.5	20.6	21.1	21.5	21	20.5	19.9	20.1	20.2	19.8	19.4	20.5
19.6	20.5	20.1	20.6	**22.5**	22	21.5	21.7	21.6	21	20.7	20.1	20.3
19.4	19.8	20	**18.2**	20.7	20.6	20.1	19.7	19.1	19.2	19.7	19.6	19.9
20.2	20.1	20.2	20.3	20	20.5	20.6	20.7	**20.8**	20.4	20.5	19.7	19.8
21.7	20.4	21.3	20.9	20.6	19.2	19.4	19.6	19.3	18.9	19.1	**18.6**	20.1
18.7	19.2	17.4	16.9	16.4	16.3	15.9	**15.7**	**15.7**	16.7	17.6	17.6	18.2
18.5	17.1	16.3	16.5	15.8	15.9	**15.7**	16.5	16.7	16.8	17.1	17.5	17.1
15.6	14.9	14.8	15	14.1	**13.6**	14.2	14.2	14.6	14.9	15.4	15.5	16.3
17.5	17.3	18	15.7	16.2	16.6	16.7	17	16.6	16.8	17.2	17.3	16.9
18.4	17.8	19.2	**20.8**	**16**	16.3	**16**	16.8	16.8	16.9	16.9	16.8	17.8
21.1	**22**	20.8	**22**	19.6	17.9	18.2	18	18.5	18.3	18.4	18.3	19
18.1	18.1	**17.4**	18.6	18.2	18	18.3	18.2	18.4	17.7	17.5	17.7	18.4
19	18.8	18.7	18.4	18.2	18	17.9	18	18	18	18.1	18	18.3

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Ci.		Ci.-S.		Ci.		Ci.		Ci.		Ci.	
2	Ci.										Ci.	
3	A.-Cu.		Ci.									
4	A.-Cu.	NE			A.-Cu.							
5	Ci.		Ci.								Ci.	
6	A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.					
7	Ci.											
8	Ci.-S.		Ci.		Ci.		Ci.		Ci.		Ci.	
9	A.-Cu.		A.-Cu.		Ci.		A.-Cu.	E				
10	A.-Cu.	E	Ci.-S.		A.-Cu.		A.-Cu.					
11	A.-Cu.		A.-Cu.									
12												
13	Ci.-S.		A.-Cu.	EbyS	A.-Cu.		A.-Cu.		A.-Cu.			
14	A.-Cu.		A.-Cu.				Ci.-S.		Ci.-S.			
15												
16	Ci.-S.		Ci.-S.		Ci.-S.	E	Ci.					
17							A.-Cu.	E				
18	Ci.-S.		Ci.-S.	NE	A.-Cu.		A.-Cu.	NE			A.-Cu.	
19	A.-Cu.	SE	A.-Cu.		Ci.-S.		Ci.		A.-Cu.		A.-Cu.	
20	Ci.-S.	E	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		A.-Cu.	
21	Ci.-Cu.		Ci.		Ci.		Ci.-Cu.		Ci.-S.		Ci.	
22	A.-Cu.		A.-Cu.	SE			A.-Cu.					
23	Ci.		Ci.		Ci.		Ci.		Ci.			
24	Ci.-S.		Ci.-S.		Ci.				Ci.		Ci.	
25	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
26	Ci.											
27	Ci.		Ci.		Ci.				Ci.		Ci.	
28	A.-Cu.	E			A.-Cu.							
29												
30	A.-Cu.		A.-Cu.		Ci.				Ci.			
31	Ci.		Ci.-S.		Ci.		Ci.		Ci.		Ci.	

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	S.-Cu.		S.-Cu.		S.-Cu.		S.-Cu.		S.-Cu.		Cu.	
2	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
3	S.-Cu.		Cu.		Cu.		Fr.-Cu.	E	Cu.		Cu.	
4	S.-Cu.		S.-Cu.		Cu.		Cu.		Cu.	E	Cu.	
5	S.-Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
6	S.-Cu.		S.-Cu.	NE	S.-Cu.	NE	Cu.		Cu.	ENE	Cu.	
7	S.-Cu.		S.-Cu.		Cu.		Cu.		Cu.		Cu.	
8	S.-Cu.		S.-Cu.		Cu.		Cu.		Cu.		Cu.	
9	S.-Cu.		Cu.		Cu.		Cu.		Cu.-N.		Cu.	
10	S.-Cu.	E	S.-Cu.		S.-Cu.	E	Cu.	E	Cu.		Cu.	
11	S.-Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	
12	S.-Cu.		S.-Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	
13	S.-Cu.		Cu.		Cu.		Cu.	E	N.-cf.	E	Fr.-N.	
14	S.-Cu.		S.-Cu.	E	S.-Cu.	E	N.-cf.	E	N.-cf.	E	Cu.-N.	
15	Cu.-N.		Cu.-N.		S.-Cu.		S.-Cu.		Cu.		Cu.	
16	S.-Cu.		S.-Cu.		S.-Cu.		Cu.	NE	Cu.		N.-cf.	
17	Cu.-N.	NE	Fr.-N.		Fr.-N.		S.-Cu.	NE	Fr.-N.		S.-Cu.	
18	S.-Cu.		S.-Cu.		Cu.		Cu.		Cu.		Cu.	
19	Cu.		Cu.		Cu.		Cu.		Cu.		N.-cf.	
20	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
21	S.-Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	
22	S.-Cu.		S.-Cu.	E	S.-Cu.	E	Cu.	E	N.-cf.		Cu.	
23	S.-Cu.		S.-Cu.		Cu.	E	Cu.	E	Cu.		Cu.	
24	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.-N.	E
25	Cu.		Cu.	E	Cu.	EbyS	Cu.		Cu.		Cu.	
26	Cu.		Cu.		Cu.	E	Cu.	E	Cu.		Cu.	
27	Cu.		Cu.		Cu.	E	Cu.	E	Cu.	ESE	Cu.	
28	S.-Cu.	E	S.-Cu.	E	Cu.	E	N.-cf.		Fr.-N.		Cu.-N.	
29	S.-Cu.	NE	Cu.		Cu.	E	N.-cf.	E	Cu.		N.-cf.	E
30	S.-Cu.	E	Cu.		Cu.	E	Cu.		Cu.		Cu.-N.	
31	S.-Cu.		S.-Cu.		Cu.		Cu.	E	Cu.	E	Cu.	SE

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.	
				Ci.		Ci.		Ci.		Ci.	
				Ci.-Cu.				Ci.-Cu.			
Ci.		Ci.									
										Ci.-S.	
										Ci.	
		Ci.						Ci.-S.		Ci.	
								Ci.		Ci.	
								A.-Cu.		A.-Cu.	
										Ci.-S.	
		Ci.		Ci.		Ci.		Ci.		Ci.	
		Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.	
		Ci.-S.		Ci.-S.						Ci.	
Ci.-S.		Ci.-S.									
A.-Cu.		A.-Cu.								Ci.	
Ci.-S.		Ci.-S.		A.-Cu.	S	A.-Cu.	S	A.-Cu.	S	A.-Cu.	
A.-Cu.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
		Ci.		Ci.							
		Ci.-S.		Ci.							
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
		Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.	
Ci.		Ci.				Ci.		Ci.-S.		Ci.	
						Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.	
Ci.		Ci.-S.	S	Ci.-S.	S	Ci.-S.		Ci.-S.		Ci.-S.	

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.		Cu.		Cu.		Cu.				Cu.	
Cu.		Cu.	ESE	Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.	E	Cu.	
Cu.	E	Cu.		Cu.	E	Cu.-N.		Cu.		S.-Cu.	
Cu.		Cu.		Cu.		Cu.		N.-cf.	SE	N.-cf.	SE
Cu.	NNE	Cu.		Cu.	NEbyE	Cu.-N.		Cu.		Cu.	
Cu.		Cu.		Cu.-N.	NE	Cu.-N.	NE	S.-Cu.		Cu.	
Cu.		Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.	E	Cu.-N.		Cu.	E	Cu.		Cu.		S.-Cu.	
Cu.	E	Cu.-N.		Cu.		Cu.		Cu.		S.-Cu.	
Cu.-N.	NE	Cu.-N.		S.-Cu.	ENE	S.-Cu.		S.-Cu.		S.-Cu.	
Cu.		Cu.		Cu.	E	Cu.-N.	E	Cu.		Cu.	
N.		Cu.		Fr.-N.		Fr.-N.		Fr.-N.		N.-cf.	
N.-cf.		N.-cf.	E	Cu.	E	Cu.-N.		Fr.-N.		Cu.	
Cu.-N.	ESE	Cu.		Cu.	E	Cu.		Cu.		S.-Cu.	
N.-cf.	NE	N.-cf.	NE	N.-cf.	NE	Cu -N.	NE	Fr.-N.		Fr.-N.	
S.-Cu.	NE	S.-Cu.	NEbyN	Fr.-N.	NEbyN	S.-Cu.		S.-Cu.		S.-Cu.	
N.-cf.	NW	Fr.-N.	NW	Cu.-N.		Cu.-N.		Cu.-N.		S.-Cu.	
Cu.		S.-Cu.		S.-Cu.	SW	S.-Cu.	SW	S.-Cu.	SW	S.-Cu.	
Cu.		Cu.-N.	SE	Cu.-N.	SE	Cu.-N.	SE	Cu.-N.	SE	Cu.-N.	
Cu.	E	Cu.	E	Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.	E	Cu.	E	Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.	E	Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.-N.		Cu.	E	Cu.	E	Cu.		Cu.		Cu.	
Cu.	E	Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.	EbyS	Cu.		Cu.	ESE	Cu.	ESE	Cu.		Cu.	
Cu.	E	Cu.	E	Cu.	E	Cu.		Fr.-Cu.		Fr.-Cu.	
Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.	
Cu.-N.		Cu.	E	Cu.	E	N.-cf.		N.-cf.	E	Cu.	
Cu.		Cu.	E	Cu.	E	Cu.		Cu.		S.-Cu.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	NE	2	E	2	NE	1.5	NE	1.5	NE	1	Calm	-----
2	ENE	1	ENE	1	ENE	1	ENE	.5	Calm	-----	Calm	-----
3	NNE	1.5	NNE	1.5	N	3	N	3.5	NNW	3.5	Calm	-----
4	NNW	1.5	N	2	Calm	-----	N	.5	NNW	.5	Calm	-----
5	NNE	1	NNE	1	NE	1	NNE	1	NNE	.5	Calm	-----
6	NE	.5	NE	2.5	N	1	N	1.5	N	3.5	N	0.5
7	SE	1	Calm	-----	Calm	-----	Calm	-----	NE	1	NNE	1
8	SE	1	ESE	1	E	1	ENE	2.5	NE	1.5	Calm	-----
9	Calm	-----	ENE	.5	ENE	.5	NE	.5	E	.5	Calm	-----
10	Calm	-----	Calm	-----	Calm	-----	NNE	.5	NNE	.5	N	.5
11	NNE	.5	N	1	NNE	1	Calm	-----	Calm	-----	Calm	-----
12	N	1	NNW	2	N	1.5	N	2.5	Calm	-----	NNE	1.5
13	ESE	.5	Calm	-----	ENE	1	Calm	-----	Calm	-----	Calm	-----
14	E	1	E	1	ENE	1	ENE	2	NEbyE	1	N	.5
15	ENE	.5	ENE	.5	ENE	.5	ENE	.5	Calm	-----	NE	1
16	Calm	-----	Calm	-----	NNE	.5	NNE	1	NNE	1.5	N	1
17	W	1	W	1	SW	1.5	SW	.5	NE	1	Calm	-----
18	WNW	1.5	NW	1.5	NNW	.5	Calm	-----	Calm	-----	Calm	-----
19	SSE	.5	Calm	-----	Calm	-----	SSE	.5	Calm	-----	Calm	-----
20	SE	.5	Calm	-----	E	.5	E	.5	E	1	E	.5
21	ESE	1	ESE	1	NE	1	Calm	-----	NE	1.5	Calm	-----
22	Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----
23	NNE	1	Calm	-----	NNE	1	NNE	1.5	Calm	-----	Calm	-----
24	N	3	NNW	1	Calm	-----	Calm	-----	Calm	-----	Calm	-----
25	NE	1.5	NE	1	N	.5	N	.5	NE	.5	Calm	-----
26	ESE	2.5	E	2.5	E	2.5	ESE	2	E	1.5	ESE	1
27	NNE	.5	Calm	-----	NNE	2.5	NNE	.5	NNE	1.5	NNE	1
28	Calm	-----	ENE	.5	NE	.5	NE	1	Calm	-----	Calm	-----
29	ESE	.5	E	.5	Calm	-----	Calm	-----	NE	1	Calm	-----
30	ENE	1.5	ENE	1.5	E	2.5	NE	2.5	NNE	3	NE	.5
31	Calm	-----	Calm	-----	N	.5	N	.5	Calm	-----	Calm	-----
Mean	-----	0.9	-----	0.9	-----	0.9	-----	0.9	-----	0.8	-----	0.3

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	SE	2.5	SE	10.5	SE	11.5	SE	12	ESE	6.5	ESE	3.5
2	W	3	SE	2	SE	8	SE	5	ESE	3	ESE	4.5
3	WSW	7	WSW	4	WSW	2.5	SW	2.5	SW	3	SSW	1.5
4	WNW	2.5	WNW	2.5	NW	1	ENE	5	Calm	-----	SE	3.5
5	W	3.5	W	3	WNW	4	WSW	2.5	SW	4	S	2,5
6	SSW	3.5	S	3	SE	2.5	SE	9	ESE	2	SE	3
7	WSW	2	SW	1.5	WSW	1.5	S	.5	E	2	ESE	2.5
8	W	4	W	3.5	WbyN	2.5	Calm	-----	E	3	E	.5
9	ESE	2.5	ESE	6	E	3.5	ENE	6	ESE	3	ESE	2
10	E	2	SE	7	ESE	5.5	SE	5.5	SE	4.5	SE	3
11	W	3	N	6	NNE	2	ESE	4	SE	3.5	SE	3.5
12	WbyS	4.5	W	4	WSW	1	SE	4.5	SSE	3	ENE	.5
13	E	4.5	ESE	5	E	11.5	E	5.5	ESE	2.5	ESE	2.5
14	ESE	7	ESE	2.5	ESE	6	ESE	5	E	4	E	3.5
15	WNW	3	SSE	.5	NNE	6	NE	6	NE	7	NE	3.5
16	Calm	-----	ENE	1	NE	1	NE	4.5	ENE	1.5	Calm	-----
17	N	5	N	3.5	N	6	N	5	NNE	2	NNW	2.5
18	SW	5	SW	5.5	SW	4	SWbyW	5.5	SW	5	SW	6.5
19	SSW	2.5	SSW	4	WSW	4	SW	3.5	SW	2.5	SSW	3.5
20	W	1.5	W	7	WSW	4.5	SW	2	SW	1	SW	2
21	E	.5	NW	8	N	9	W	2	SSE	2.5	S	1.5
22	W	2.5	W	2	W	1.5	SE	5.5	Calm	-----	SE	2
23	WbyN	4.5	WNW	5.5	SE	1.5	SSE	4	SSW	2.5	Calm	-----
24	NW	1.5	NNW	3.5	NE	2.5	ESE	2.5	SE	3.5	ESE	3
25	SEbyE	7	E	8	ESE	5	ESE	2.5	ENE	5	EbyN	2
26	EbyN	2.5	E	3	ESE	7	E	3.5	ENE	4	EbyN	2
27	ENE	4	ENE	3.5	ESE	5	SE	6	E	4.5	ENE	4.5
28	E	4.5	E	5.5	ESE	2.5	ENE	7.5	ENE	5	EbyN	2.5
29	SE	11	NE	5.5	E	2	E	6	E	7.5	E	1.5
30	NW	6.5	WNW	5	WNW	2.5	W	3.5	W	2.5	E	1.5
31	SE	6.5	SE	6	ESE	7	SE	6.5	E	4.5	SE	3.5
Msan	-----	3.9	-----	4.4	-----	4.3	-----	4.6	-----	3.4	-----	2.5

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	--------	Calm	--------	E	1	NE	1.5	W	3.5	W	3
ENE	1	Calm	--------	Calm	--------	WSW	2.5	WNW	2.5	WNW	3
N	.5	N	3.5	NNW	5	NW	4	WNW	5.5	WbyN	5
Calm	--------	Calm	--------	WbyS	2	W	3	W	2	WNW	2
NNE	1.5	NE	.5	Calm	--------	WSW	3.5	W	2.5	W	4
NNW	1	NNW	1.5	NE	2	Calm	--------	WNW	3.5	WSW	.5
N	.5	Calm	--------	Calm	--------	E	.5	WSW	2.5	WbyS	4
Calm	--------	Calm	--------	W	.5	W	2.5	SW	2	NW	5
Calm	--------	NE	.5	Calm	--------	WNW	1	WbyN	2.5	ENE	3.5
Calm	--------	Calm	--------	Calm	--------	WSW	1.5	WSW	2.5	WbyS	2.5
N	1.5	Calm	--------	W	1	W	3.5	W	4	W	5
Calm	--------	N	1.5	ESE	1	WSW	3	WSW	2.5	WSW	3
Calm	--------	Calm	--------	E	2.5	E	4	ESE	5	ESE	5
Calm	--------	Calm	--------	ESE	2.5	ESE	4.5	ESE	6.5	ESE	2
Calm	--------	Calm	--------	NE	1	NNW	2	NW	3	WNW	5.5
N	1	NNE	1.5	NNE	1.5	WSW	2.5	NNE	2.5	NbvE	4
Calm	--------	NE	1.5	NNW	3	NNW	5	NNW	6	N	5
E	1	Calm	--------	SW	1.5	W	3	WSW	3	WSW	2.5
ESE	2	ESE	1.5	SW	2	WSW	8	W	5	W	2
E	1	ENE	1	E	1	WSW	3	W	3	WSW	2
Calm	--------	Calm	--------	SW	1	WSW	4	SSE	3.5	SSE	3.5
Calm	--------	Calm	--------	NW	1	NNW	3	W	2.5	NW	3.5
E	1.5	SE	2	ESE	1	SE	2	W	3	WNW	3
Calm	--------	Calm	--------	W	1	W	8.5	W	5.5	W	2.5
Calm	--------	Calm	--------	E	3.5	ESE	2.5	ESE	6	SEbyS	9
NE	2.5	NE	1.5	E	3	ESE	2	SEbyE	4	ESE	6
NE	1	NE	1	ENE	5.5	E	4	E	6	E	7
Calm	--------	NNE	1.5	Calm	--------	NNE	2	Calm	--------	ENE	3
ENE	.5	NE	1.5	ENE	2	W	3	WNW	3	WNW	2.5
Calm	--------	NE	1	Calm	--------	WNW	4.5	W	3.5	NW	3.5
NNE	.5	Calm	--------	Calm	--------	WNW	1	ESE	5	ESE	4.5
------------	0.5	------------	0.7	------------	1.5	------------	2.7	------------	3.6	------------	3.8

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		12 m. n.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Force.
ESE	2	SE	2	EbyN	1.5	E	1	NEbyE	1	ENE	1	3
ESE	3.5	ESE	3	ESE	2	ESE	1.5	E	1.5	NE	2	2.1
SE	1.5	SSE	1.5	SSE	2	ENE	1	NW	1	WNW	1	2.7
SE	2	SSE	1.5	ESE	1.5	ESE	.5	Calm	--------	Calm	--------	1.4
E	2	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	1.6
ESE	3.5	SE	2	SE	1.5	SE	1.5	SE	2	SE	.5	2.2
ESE	1.5	ESE	1.5	ESE	1.5	ESE	.5	ESE	1	E	.5	1.1
EbyS	2	EbyS	1	E	.5	E	.5	Calm	--------	Calm	--------	1.4
ESE	1.5	ESE	2	ESE	1.5	ESE	1	ESE	2	ESE	2.5	1.8
ESE	1.5	SE	1.5	Calm	--------	Calm	--------	W	.5	WNW	.5	1.6
SE	3.5	ESE	1	Calm	--------	ESE	.5	ESE	1	Calm	--------	1.9
Calm	--------	ESE	2	ESE	1	ESE	2	ESE	2	ESE	2	1.9
ESE	1.5	E	1.5	E	3	E	3	E	2.5	E	2	2.6
E	2.5	ESE	2	ESE	2.5	ESE	1.5	EbyS	1.5	ENE	.5	2.5
ENE	2.5	ENE	1.5	E	1.5	ESE	1.5	ESE	2	NE	2	2.1
Calm	--------	Calm	--------	ESE	.5	Calm	--------	Calm	--------	Calm	--------	1.1
NbyW	4	NNW	.5	NNW	1	Calm	--------	Calm	--------	WNW	1	2.3
SW	5	SWbyS	2.5	SSW	2.5	SSE	1	SSE	1	SSE	1	2.5
SSE	2	SSE	.5	ESE	.5	ESE	.5	SE	1	SE	1	1.8
SSW	3	SE	1	Calm	--------	Calm	--------	Calm	--------	ESE	.5	1.5
SSE	2	S	2	Calm	--------	E	.5	NE	2	NNE	.5	2
SE	3	SE	1.5	ESE	2	SE	1.5	SE	1	ESE	.5	1.4
Calm	--------	NNW	2	N	4	NNW	4	N	2.5	N	4	2
ESE	1	ESE	1	ENE	1	E	1	E	1	E	1	1.6
E	1	ENE	1.5	E	1.5	ESE	1.5	E	1	E	2	2.6
E	2.5	ENE	3	NE	3	NNE	3.5	NNE	2.5	NE	.5	2.8
ENE	2.5	E	1	E	.5	NNE	.5	Calm	--------	Calm	--------	2.6
ENE	3	ENE	1.5	NNE	1.5	NE	1	NNE	.5	ESE	1	1.9
E	5.5	ENE	3	E	2	ENE	2.5	ENE	2	NNE	1	2.8
ESE	1.5	ESE	1	Calm	--------	Calm	--------	Calm	--------	Calm	--------	2
ESE	2	ESE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	2
------------	2.2	------------	1.5	------------	1.3	------------	1.1	------------	1	------------	0.9	2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	11	4.5	5.5	6	3.5	5.5	4.5	1.5	2.5	3.5	11.5	15
2	4.5	5	4	3.5	1.5	5	7	6	1.5	8	15	14
3	5	5	9	9	10	7	6	11	17	19	**25**	19
4	7	7	3.5	1.5	2	2.5	.5	2.5	2.5	11	13	**17**
5	4.5	3.5	3.5	3	4	5	6	7	5.5	10.5	14	13.5
6	0	1.5	5.5	5	5.5	4.5	3	5.5	5.5	4	6	7.5
7	2	.5	2.5	1.5	3	5	5	6	5.5	4.5	**12.5**	**12.5**
8	3	4.5	3.5	5.5	5.5	2	1.5	0	1.5	8	16	15
9	1.5	1	2	3.5	2	3	2.5	4	6	8	11	11
10	5	1	.5	2.5	4	5	6	2.5	1.5	6	8.5	11
11	2.5	4.5	6	2	1	1.5	5.5	3.5	3.5	11	**15**	14
12	2.5	6	6	5	3.5	1.5	4.5	1.5	3	7	**12.5**	11.5
13	8	1	4	4	1	2	1.5	2.5	5	20	14	18
14	5	3	3	6	4.5	5	2	.5	8	16	**19**	14
15	2	3	3.5	4.5	3	2	3	3	2.5	6.5	9.5	17
16	4	0	1	5	9	6.5	5.5	9	5	6	15	**17**
17	2.5	3.5	5	1	2.5	4.5	5	8	3	11	23	19
18	5.5	7	4	3	.5	.5	2	3	4	17	10	9.5
19	3	1.5	1	2	3	4	4	5	4	10	13	11.5
20	2.5	1.5	2.5	3.5	2	3	6	4.5	2	8	9	8.5
21	3	3	4	2	4	0	2	1	2.5	9.5	9	9
22	1.5	0	1	1	0	.5	3	3	8	11	**15**	9
23	7.5	1.5	5	6	4	1	1.5	3	5	5.5	13	**18**
24	12	9	.5	.5	1.5	3	3.5	3	5	10	**18.5**	15
25	5.5	4.5	3.5	2.5	3	4	1	1	8	12.5	15	21
26	12	8.5	9.5	8	6	9	9	9.5	9	16.5	20.5	**24**
27	2	1.5	4	5	2	6.5	4	2.5	4.5	14.5	19.5	19.5
28	.5	1	4	4	2.5	3.5	2	1.5	3	5.5	9.5	11.5
29	6	1.5	4.5	0	5.5	5.5	4	5	5.5	11.5	**20**	17
30	2	6	6	5	9.5	7.5	3	2	4	10	18.5	**21.5**
31	3	3	4	2.5	4	.5	3.5	2.5	4	4.5	14.5	20.5
Mean	4.4	**3.4**	3.9	3.7	3.6	3.7	3.8	3.9	4.8	9.9	14.4	14.9

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	8	8	6	8	8	9	7	6	5	5	5	6	6.8	8	15
2	3	1	1	1	3	5	7	7	3	3	3	2	**3.2**	9	45
3	7	2	1	2	3	4	4	5	4	5	4	5	3.8	9	05
4	6	3	4	3	4	2	3	4	5	9	8	7	4.8	6	45
5	3	2	4	2	2	4	3	4	4	5	6	8	3.9	9	45
6	7	10	10	5	10	9	6	6	7	8	4	5	7.2	6	00
7	3	4	1	8	9	10	9	9	10	9	6	3	6.8	4	20
8	7	5	5	5	8	6	6	8	9	8	6	7	6.7	5	30
9	4	2	3	8	8	9	9	10	10	7	8	8	7.2	4	45
10	6	7	8	7	5	7	8	10	4	6	6	7	6.8	5	50
11	5	3	2	2	6	7	7	8	8	8	9	10	6.2	4	55
12	7	9	3	4	5	5	7	6	9	10	10	7	6.8	6	10
13	7	7	8	8	8	10	10	10	10	10	10	10	9	1	40
14	8	8	10	10	10	9	9	9	8	10	9	9	9.1	1	30
15	10	10	10	10	8	9	10	9	8	9	9	9	9.2	2	25
16	8	7	8	9	10	10	10	10	10	10	10	10	9.3	1	40
17	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
18	9	8	9	7	10	7	9	10	9	9	8	9	8.7	3	55
19	8	6	5	5	7	8	8	9	9	9	9	9	7.7	2	50
20	6	6	7	7	7	7	7	5	5	7	4	8	6.3	4	15
21	5	7	8	4	4	7	6	7	8	9	10	6	6.8	6	55
22	6	6	7	7	10	9	9	9	9	8	9	10	8.2	4	30
23	3	3	2	6	7	6	5	6	9	10	10	10	6.4	7	05
24	1	1	3	6	4	4	6	8	8	7	8	5	5.1	6	15
25	4	4	6	7	7	6	6	5	4	5	4	4	5.2	7	15
26	1	1	4	6	7	6	6	6	5	5	6	7	5	9	30
27	4	3	2	7	3	3	4	3	3	3	2	2	**3.2**	**10**	**10**
28	2	2	5	8	10	9	4	4	4	1	0	0	4.1	6	05
29	2	2	3	4	5	6	5	6	6	2	3	2	3.8	**10**	**10**
30	7	9	7	7	8	8	8	6	5	6	3	2	6.3	7	05
31	10	9	8	8	8	6	6	7	8	6	6	4	7.2	5	50
Total														180	10
Mean	5.7	**5.3**	5.5	6.2	6.9	7	6.9	**7.2**	7	7.1	6.6	6.5	6.5	5	49

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-Mdt.	Mean.
14	**30**	27.5	27	24	15.5	10.5	8.5	6	4.5	4	3.5	10.4
14	11	**25**	24	23	19	17	13	7	6	3.5	4.5	10.1
20	21	15	12	10	11	9	8	6	4	3	5	11.1
16	15	11	16	12.5	10.5	11	7	7	4.5	1.5	.5	7.6
12.5	11.5	15	**19.5**	16.5	11.5	6.5	2.5	2	0	1	0	7.4
8.5	7.5	**11**	6	6	**11**	9	10	10	6	6.5	3	6.2
8	8	6.5	4.5	11	10.5	5.5	5	5	2.5	2.5	3	**5.5**
17	15	12	5.5	9.5	9.5	7.5	4	2.5	1.5	1.5	2	6.4
10.5	**17.5**	17	14	17	11.5	11.5	8	8	9	6	9	8.1
9	10	12	18	**19**	18	12	11	6	2	2	5	7.4
11.5	14.5	**15**	5	13	12	10	6	2	2	4	2.5	7
12	12	7.5	10.5	6	3.5	5.5	7.5	8.5	7	11	9	6.9
19	17	**21**	19	13	13	8	5	5.5	7.5	9	9	9.5
16	18	18	**19**	18	16	14	10	9	10	7	5	10.2
16	5	15	**23**	22	11	8.5	7.5	6.5	5.5	9	7	8.1
12.5	5.5	6.5	13	11.5	4.5	2.5	1	.5	.5	1	1	6
24	**24**	19	19	13	8	10	6.5	4.5	2.5	.5	1.5	9.2
21.5	**27**	23	25	23.5	20.5	17.5	13.5	10	9.5	3.5	3.5	11
10	12.5	15.5	**17.5**	12.5	7.5	7.5	3.5	2	3	4	4	6.7
9.5	18	**21**	11	11	6	8	3	2	1	1.5	1.5	6.1
8	13.5	**23**	8.5	13.5	5.5	7	6	3	1	5	5	6.2
10.5	12	12	13.5	14	4	9.5	8.5	10	9	5	5	6.9
17	15	15	11	11.5	3	.5	5.5	12.5	14	10	12	8.2
15	15	11	9	17	11.5	8	4.5	3.5	3.5	4	4	7.8
24	20	22.5	16	14.5	9	4.5	6	6	5	6	5.5	9.2
16	16	18.5	17.5	15	17.5	16	12	8.5	12	9	4	**12.6**
16	14	13	18.5	**20**	15.5	14.5	11.5	3	4	2.5	2.5	9.2
22	18.5	9.5	18.5	**22.5**	15	14	10.5	8.5	5	5	7	8.5
19	12	16	18	**20**	19	18	12	7	7	7	5	10.2
18.5	18.5	18	15	9	9	7.5	6	4	1.5	3	.5	8.6
21.5	26.5	**27.5**	22.5	16	13	8	4.5	1.5	3.5	3.5	2	9
15.1	15.5	**16.1**	15.4	15	11.4	9.6	7.3	5.7	5	4.6	4.3	8.3

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	----	----	5	2	4	3	5	----	----	----	----	----	2	----	----	----	3	249.5	7.4	----
2	----	----	1	5	1	6	3	----	----	----	----	1	1	2	----	----	4	242	6.5	----
3	4	2	----	1	----	----	1	2	----	1	2	3	----	3	2	2	1	266	6.2	----
4	2	----	----	1	----	2	2	1	----	----	----	----	3	3	1	2	7	182.5	3.8	8
5	----	5	2	----	1	----	----	----	1	----	1	2	4	1	----	----	7	178.5	4.7	----
6	4	----	3	----	----	2	8	----	1	1	----	1	----	1	----	2	1	148	3	5.8
7	1	1	1	----	3	6	1	----	1	----	1	3	1	----	----	----	5	**132.5**	4	----
8	----	----	1	1	5	3	1	----	----	----	1	----	4	1	1	----	6	153.5	4.7	----
9	----	----	2	4	2	10	----	----	----	----	----	----	----	2	----	----	4	194.5	5.5	----
10	1	2	----	----	1	2	5	----	----	----	----	2	2	1	----	----	8	177.5	5	----
11	3	3	----	----	----	4	3	----	----	----	----	----	5	----	----	----	6	167.5	4.2	----
12	4	1	----	1	----	6	1	1	----	----	----	4	2	----	----	1	3	164.5	3.6	1.4
13	----	----	----	1	10	7	----	----	----	----	----	----	----	----	----	----	6	227	4.4	.5
14	1	----	----	4	5	12	----	----	----	----	----	----	----	----	----	----	2	246	6	----
15	----	1	6	6	1	2	----	1	----	----	----	----	----	2	1	1	3	195.5	5.1	----
16	2	7	2	2	----	1	----	----	----	----	----	1	----	----	----	----	9	143	4.5	----
17	6	1	2	----	----	----	----	----	----	----	2	----	2	1	----	6	4	220.5	4.7	----
18	----	----	----	----	1	----	----	3	----	1	8	3	1	1	1	1	4	264	3.8	----
19	----	----	----	----	----	4	2	4	----	3	3	2	2	----	----	----	4	161.5	3.4	----
20	----	----	----	1	6	1	2	----	----	1	3	3	3	----	----	----	4	146.5	3.6	----
21	1	1	3	----	2	2	----	4	2	----	1	1	1	----	1	----	5	148	4.2	.3
22	----	----	----	----	----	2	6	----	----	----	----	----	4	----	2	1	9	166	4.8	----
23	3	3	----	----	1	1	3	1	----	1	----	----	1	3	----	2	5	198	3.8	----
24	1	----	1	1	3	4	1	----	----	----	----	----	4	1	----	2	6	187.5	4.8	----
25	2	----	3	2	7	5	1	1	----	----	----	----	----	----	----	----	3	220.5	6.9	----
26	----	2	4	2	9	6	1	----	----	----	----	----	----	----	----	----	----	**303.5**	7.5	----
27	----	6	2	5	6	1	1	----	----	----	----	----	----	----	----	----	3	220.5	**7.8**	----
28	----	4	3	6	3	2	----	----	----	----	----	----	----	----	----	----	6	204.5	6.3	----
29	----	1	3	5	7	1	1	----	----	----	----	----	1	2	----	----	3	246	6.9	----
30	----	1	3	2	2	2	----	----	----	----	----	----	3	3	2	----	6	205.5	4.7	----
31	2	1	----	----	1	5	4	----	----	----	----	----	----	1	----	----	10	216.5	6.3	----
Total Mean	37 1.2	42 1.4	47 1.5	52 1.7	81 2.6	102 3.3	52 1.7	18 .6	5 .2	8 .3	22 .7	26 .8	46 1.5	28 .9	11 .4	20 .6	147 **4.7**	6,185 199.3	158.1 5.1	16 .5

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	760. 50	9. 05a.	32. 5	2. 40p.	91	17. 8	756. 60	3. 20p.	20. 4	5. 15a.	**38**	**12. 5**
2	59. 25	9. 20a.	32. 1	2. 35p.	83	19. 6	55. 80	3. 30p.	**18. 6**	4. 50a.	55	13. 8
3	59. 30	9. 10a.	32. 3	3. 30p.	82	22. 2	56	3. 55p.	23. 1	2. 20a.	54	16. 9
4	60. 15	9. 40a.	32. 5	1. 55p.	92	21. 6	56. 70	3. 05p.	22. 6	5. 40a.	56	18. 6
5	60. 80	9. 30a.	31. 6	3. 50p.	94	21. 7	57. 25	3. 45p.	22. 1	5. 55a.	60	19. 1
6	61. 65	9. 20a.	32. 7	3. 50p.	91	21. 9	57. 60	3. 55p.	**23. 3**	12m. n.	64	17. 8
7	61. 25	8. 15a.	31. 5	2. 15p.	97	19. 4	58	3. 45p.	21	5. 55a.	59	16. 1
8	61. 35	10. 25p.	31	1. 35p.	87	18. 9	58. 30	3. 05p.	19. 9	6. 05a.	56	15. 2
9	62	11. 00p.	31. 7	0. 20p.	91	19. 2	59. 19	4. 00p.	21	3. 20a.	55	16. 6
10	**63**	9. 10a.	31. 6	2. 40p.	91	19. 7	59. 50	4. 10p.	21. 5	5. 50a.	57	17. 1
11	62. 55	11. 45p.	30. 3	0. 40p.	93	20. 4	**59. 84**	4. 00p.	22. 5	5. 45a.	59	16. 9
12	62. 65	8. 30a.	31. 2	3. 45p.	91	21. 2	58. 75	3. 55p.	22. 4	5. 30a.	62	17. 5
13	62	10. 55p.	30. 2	11. 15a.	91	18. 8	59. 50	3. 05p.	21. 2	4. 30a.	60	17. 1
14	62. 35	9. 05a.	31. 5	2. 55p.	92	18. 4	59. 62	3. 00p.	20. 7	4. 15a.	49	13. 8
15	62. 60	9. 40a.	31	2. 30p.	87	19	59. 30	3. 00p.	20. 3	2. 55a.	47	14. 1
16	60. 50	0. 05a.	30. 4	2. 10p.	90	**17. 3**	57. 15	3. 10p.	20. 1	6. 20a.	54	15. 6
17	58. 75	9. 10a.	**29. 8**	2. 05p.	85	18. 6	55. 50	3. 25p.	22. 4	6. 10a.	54	15. 9
18	**57. 75**	10. 25p.	31. 2	0. 45p.	89	21. 9	**55. 10**	3. 40p.	22. 1	6. 15a.	**65**	17. 6
19	59. 30	10. 45p.	30. 8	11. 05a.	93	22. 1	55. 81	4. 00p.	23	5. 55a.	63	**19. 5**
20	60. 40	8. 45a.	32. 4	1. 25p.	95	22. 2	57. 05	3. 20p.	21. 7	6. 10a.	64	19. 1
21	60. 95	8. 25a.	34. 5	1. 15p.	94	**22. 5**	57. 40	4. 35p.	22	5. 45a.	52	18. 4
22	61	9. 15a.	32. 8	1. 55p.	94	21	57	3. 20p.	23. 2	3. 05a.	56	18. 2
23	60. 35	9. 25a.	33	2. 05p.	97	20. 8	57. 30	2. 55p.	22. 8	6. 00a.	56	18. 1
24	61. 55	11. 30p.	34	1. 30p.	**99**	22. 1	58. 10	3. 10p.	21. 9	6. 00a.	59	18. 6
25	62. 75	11. 20p.	33. 8	0. 30p.	87	21. 3	59. 60	2. 45p.	22. 3	5. 50a.	51	15. 7
26	62. 75	9. 25a.	34. 7	0. 45p.	**79**	18. 8	59. 45	3. 25p.	22. 8	5. 00a.	42	15. 7
27	61. 84	9. 00a.	**35**	1. 25p.	89	20. 2	58. 50	4. 10p.	22. 7	6. 10a.	39	13. 6
28	61. 20	9. 05a.	34. 2	2. 20p.	86	18. 6	58. 29	4. 00p.	20. 4	5. 25a.	45	15. 2
29	60. 35	8. 55a.	**35**	5. 45p.	91	20. 8	57. 65	3. 20p.	21	5. 35a.	46	16
30	60. 10	8. 30a.	33. 1	3. 55p.	87	22	57. 15	3. 40p.	22. 2	1. 20a.	57	16. 5
31	59. 70	8. 30a.	34. 4	1. 15p.	89	20. 7	56. 55	3. 40p.	21. 7	5. 55a.	48	17. 4
Mean	760. 99	--------	32. 3	--------	90. 2	20. 3	757. 73	--------	21. 7	--------	54. 3	16. 6

DAILY GENERAL REMARKS.

1----≡° a.; gusty SE winds in the afternoon.
2----As yesterday.
3----Somewhat gusty WSW winds in the afternoon.
4----≡° a.; ● in the afternoon, coloration of clouds at sunset.
5----≡° a.; [< E quad. in the afternoon.
6----≡ a.; p in the afternoon.
7----≡ a.
8----≡ a.; ≡° p.
9----≡ a.; d° in the morning and afternoon.
10----≡° a.; < NW quad. in the evening.
11----≡a.; d° in the afternoon; coloration of clouds at sunset.
12----≡ a.; ● in the afternoon.
13----≡°, d° in the morning; ●°, gusty E winds in the afternoon.
14----≡ a.; somewhat gusty ESE winds during the warmer hours.
15----≡, d° in the morning; somewhat gusty NEly winds in the afternoon.
16----≡°; convergence of Ci. toward S in the morning; coloration of clouds at sunset.
17----d° in the morning; somewhat gusty Nly winds in the forenoon and afternoon.
18----≡° a.; somewhat gusty SW winds during the afternoon; intense coloration of clouds at sunset.
19----≡° a.
20----≡° a.; ⊤ S quad. and E, ⌒ in the afternoon; ●° in the evening.
21----≡° a.; gusty NW and N winds, d in the afternoon; coloration of clouds at sunset.
22----≡° a.; p° 11.35a.; [<° SW quad. and NNW in the afternoon.
23----p°, [< various points in the afternoon; < different points in the evening.
24----Ω^{2}, ≡ a.
25----Gusty SEly winds in the forenoon and afternoon.
26----Somewhat gusty ESE winds in the afternoon.
27----≡a.; somewhat gusty Ely winds in the forenoon and afternoon.
28----≡°, d° in the morning; somewhat gusty Ely winds in the afternoon.
29----≡° a.; gusty SE winds in the afternoon.
30----≡° a.; < SE in the evening.
31----≡° a.; <° SE in the evening.

OBSERVATIONS FOR APRIL, 1910.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	58.65	58.50	58.45	58.50	58.80	59.39	59.68	60.02	**60.18**	60.02	59.87	59.27
2	59.60	59.40	59.55	59.50	59.60	59.88	60.59	**61.02**	60.99	60.58	60.28	59.52
3	59.45	59.25	59.10	58.95	59.20	59.63	60.09	60.42	60.41	**60.49**	60.09	59.47
4	58.60	58.50	58.25	58.15	58.40	58.67	59.05	59.53	59.69	**59.75**	59.42	59.04
5	58.25	58.10	57.85	58	58.20	58.78	59.30	60.04	**60.17**	59.99	59.62	59.32
6	59.45	59.15	58.75	58.85	59.15	59.56	60.15	60.75	**60.85**	60.49	60.04	59.63
7	59.70	59.40	59.15	59.10	59.35	59.54	60.22	60.59	**60.72**	60.63	60.22	59.64
8	59.75	59.40	59.15	59.10	59.25	59.70	60.10	60.31	**60.36**	60.18	59.88	59.44
9	58.85	58.50	58.05	58	58.35	58.94	59.46	60.24	**60.38**	60.17	59.82	59.29
10	58.50	58.25	58.15	58.55	58.90	59.36	59.84	60.30	**60.34**	59.93	59.58	58.94
11	58.75	58.20	58.05	58.15	58.40	58.94	59.48	59.82	**59.84**	59.69	59.51	58.81
12	58.85	58.40	57.85	57.95	58.15	58.60	59.35	59.70	**59.71**	**59.71**	59.34	58.85
13	58.85	58.55	58.20	58.25	58.55	59.10	59.79	60.14	**60.24**	60.22	59.96	59.32
14	59.70	59.20	59.15	59.20	59.35	59.42	59.98	60.48	**60.74**	60.53	60.40	59.72
15	60.35	60.10	59.80	59.60	59.85	60.25	61.09	61.33	61.51	**61.68**	61.38	60.80
16	59.70	59.20	58.95	58.90	59.40	59.67	60.17	60.44	**60.61**	60.52	60.18	59.65
17	59.20	58.90	58.45	58.50	58.60	58.93	59.47	**60.02**	59.99	59.61	59.26	58.62
18	58.10	57.65	57.35	57.40	57.45	57.48	57.64	57.72	57.66	57.32	57	56.55
19	57.15	56.75	56.50	56.50	56.70	57.18	57.62	57.99	**58.26**	58.04	57.72	57.25
20	57.60	57.30	56.80	57.20	57.35	57.81	58.22	58.54	**58.69**	58.31	57.96	57.32
21	57.75	57.35	56.80	56.80	56.85	57.45	57.94	58.12	**58.14**	58.02	57.56	57.01
22	56.85	56.30	56.10	56.35	56.75	57.21	57.68	58.07	**58.38**	58.08	57.69	57.24
23	57.20	56.65	56.55	56.50	56.90	57.37	58	**58.50**	58.45	58.19	57.61	56.97
24	57.40	57.05	56.55	**56.40**	56.70	56.81	57.22	57.81	58.26	58.26	57.96	57.76
25	57.85	57.65	**57.20**	57.25	57.40	58.14	58.59	58.84	59	59.09	59.19	59
26	59.55	59	58.85	58.95	59.15	59.19	59.77	60	**60.24**	60.22	59.97	59.36
27	59.45	59.25	59.15	59.20	59.40	59.79	60.30	60.77	**61.05**	60.98	60.48	59.91
28	59.50	59.20	58.90	59.15	59.45	59.72	60.29	60.58	**60.76**	60.62	60.43	59.88
29	59.85	59.65	59.55	59.50	59.70	59.88	60.50	60.85	**61.03**	60.73	60.42	59.97
30	59.70	59.55	59.40	59.60	59.70	59.93	60.43	60.75	**61.03**	60.77	60.47	59.97
Mean	58.80	58.48	58.22	58.27	58.50	58.88	59.40	59.79	**59.92**	59.76	59.44	58.92

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22.8	22.6	22.2	21.8	21.5	**21.4**	23.7	27.8	31.3	31.5	33.2	33.4
2	22.8	21.9	21.3	**20.6**	21.1	21	23.6	26.7	29.2	29	29.9	29.5
3	23.3	22.6	22	21.7	21.6	**21.4**	24.3	26.9	28.5	29.7	30.4	30.8
4	24.6	**23.9**	24	24	**23.9**	24	26.5	27.8	29	29.3	28.5	28.3
5	24.2	23.2	22.3	22	21.5	**21.4**	23.8	27.8	28.5	29	**29.7**	28.1
6	22.6	23.1	22.8	22.6	22.7	**22.4**	24	27	28.3	29.5	30.3	30.1
7	23.2	22.3	21.7	21.3	**21**	**21**	23.2	28.1	28.5	28.9	30.3	32.1
8	22.4	21.7	21.3	21.1	20.8	**20.5**	24.4	27.3	30.1	29.8	29.9	31.2
9	23.3	22.7	21.7	21	20.8	**20.1**	24.7	27.2	28.4	29	29.9	31
10	24.5	23.5	22.4	22.1	**21.6**	21.7	24.9	27.9	29.5	29.8	30.7	31.6
11	24.5	24	23.4	23.3	23.1	**22.7**	26.2	28.4	28.8	29.8	30.6	32
12	24.3	23.6	23.2	22.9	22.4	**22.2**	25.2	28.1	29.2	29.6	29.5	30.7
13	24.3	23.5	22.9	22.3	22.3	**21.7**	25	28	30.2	28.7	29.9	32
14	25	23.8	23.1	22.2	21.9	**21.5**	24.7	28.4	28.8	31.5	31.7	33.1
15	23.6	22.8	22.5	21.9	**21.7**	21.8	23.5	26.6	29.4	30.6	30.5	31.4
16	25.1	24.8	24.1	22.7	22.5	**22.4**	26.7	28.9	30.5	32.3	32.7	33.1
17	24.3	23.5	23.1	22.6	21.9	**21.8**	26	28	28.8	30.5	31	32.1
18	25.6	25.3	25	24.8	24.2	**24.1**	27.6	29.3	30.5	30.8	31.3	31.2
19	25.8	25.8	25.6	25.7	25.4	**24.9**	26.5	28.1	29.4	31.2	31.3	30.8
20	25.3	25.3	**25**	25.4	**25**	25.1	26.2	28.3	29.7	31.8	31.5	32.6
21	24.7	24.8	25	24.9	24.6	**24.3**	26.1	28.1	30.2	30.5	31.3	32
22	25.7	25.7	25.8	25.7	25.2	25.1	26.1	27.6	30	30.8	30.1	29.5
23	24.6	24.1	23.9	**23.5**	23.7	24	25.6	28.6	29.6	30.9	30	**31.4**
24	24	23.6	23.5	23.6	23.2	23.1	23.4	23.6	23.5	23.5	24.3	24.6
25	23.2	23.3	23.3	23.1	23.1	**22.9**	23.4	24.6	25.9	**27.4**	27.1	26.9
26	23.3	22.9	22.6	22.5	**22.4**	**22.4**	25.6	28.3	30	31.1	31.9	32.1
27	24.5	24.1	23.9	**23.7**	23.9	23.9	24.6	25.5	26.8	29.4	30.6	30.9
28	24.6	24.3	24.2	23.7	**23.4**	23.6	26.6	28.3	29.5	29	30.6	31.2
29	25.4	23.8	23.1	22.8	**22.7**	**22.7**	26.3	26.7	29.3	29.3	30.3	31.3
30	25.7	25.1	23.8	23	23.1	**22.9**	25.3	26.6	26.7	28.7	30.3	29
Mean	24.2	23.7	23.3	23	22.7	**22.6**	25.1	27.5	28.9	29.8	30.3	30.8

ATMOSPHERIC PRESSURE, $700^{mm}+$.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
58.40	57.74	57.35	**57.25**	57.45	57.92	58.41	59	59.75	60	60.10	59.85	58.94
58.67	57.89	57.48	**57.29**	57.62	57.97	58.39	58.80	59.25	59.80	59.80	59.70	59.30
58.59	57.71	57.16	**56.85**	57.10	58.06	58.65	59.20	59.70	59.80	59.65	59.30	59.10
58.12	57.38	56.74	**56.59**	56.87	57.31	57.89	58.45	58.60	59	59	58.70	58.40
58.63	58.22	57.68	**57.27**	57.54	57.88	58.49	58.90	59.60	59.80	59.85	59.60	58.80
58.84	58.07	57.58	**57.36**	57.71	57.94	58.42	58.95	59.35	59.80	59.90	59.85	59.19
58.91	57.90	57.42	**57.10**	57.32	57.92	58.56	59	59.50	60.20	60.30	60.10	59.27
58.55	57.61	57.11	56.64	**56.59**	57.01	57.59	58.05	58.75	59.45	59.45	59.20	58.86
58.44	57.42	56.84	**56.54**	56.61	57.02	57.53	57.90	58.50	58.90	59	58.70	58.48
57.85	57	56.65	**56.31**	56.51	57.21	57.67	58.15	58.75	59.45	59.50	59.15	58.54
58.09	57.39	57.05	**56.78**	56.93	57.31	57.84	58.45	59.10	59.65	59.55	59.35	58.55
58.17	57.32	56.92	**56.87**	**56.87**	57.22	57.67	58.20	58.75	59.30	59.25	59.20	58.42
58.55	57.99	57.66	**57.52**	57.77	58.12	58.82	59.20	59.50	60	60	59.90	59.01
59.15	58.41	58.05	**57.75**	57.86	58.56	59.17	59.75	60.25	60.50	60.70	60.55	59.52
60.15	59.57	59.10	**58.96**	58.99	59.42	60.06	60.30	60.45	60.45	60.15	59.80	**60.21**
58.75	58.26	**57.81**	**57.81**	57.98	58.29	58.70	58.95	59.20	59.70	59.85	59.60	59.26
57.62	56.81	56.35	**55.94**	56.05	56.76	57.60	58.05	58.40	59.10	59.05	58.65	58.33
55.85	55.04	54.77	**54.73**	55.07	55.46	56.42	57.10	57.75	58.05	**58.30**	57.60	56.89
56.57	55.74	55.11	**54.69**	54.79	55.96	56.84	56.85	57.55	58	58.20	57.85	56.91
56.50	55.64	55.16	**55.03**	55.16	55.70	56.64	57.25	57.60	58.15	58.10	58.30	57.18
56	**55.26**	55.36	55.35	56.01	56.35	56.77	57.45	57.65	58	57.65	57.30	57.04
56.37	55.65	55.32	**55.09**	55.40	55.96	56.52	56.90	57.35	57.95	57.80	57.45	**56.85**
56.05	55.83	55.23	**55.19**	55.49	56.17	56.76	57.20	57.85	58	58.15	57.50	57.01
57.26	56.71	56.52	56.47	56.82	57.47	57.91	58.15	58.20	**58.45**	**58.45**	58.20	57.45
58.65	58.33	58.25	58.08	58.33	59.14	59.15	59.40	59.60	**59.90**	59.85	59.80	58.65
58.45	57.85	**57.50**	57.62	57.96	58.54	58.94	59.30	59.75	60.05	59.85	59.55	59.15
58.93	58.32	58.06	**58**	58.17	58.36	58.67	59.35	59.70	60.05	60	59.85	59.47
59.16	58.20	57.72	**57.54**	57.75	58.30	58.91	59.30	59.70	60.20	60.20	59.90	59.39
59.23	58.88	58.54	58.48	**58.43**	58.78	59.08	59.60	59.80	60.15	60.20	60.05	59.70
59.13	58.52	58.22	**57.86**	58.05	58.54	58.86	59.20	59.45	59.75	59.60	59.45	59.50
58.12	57.42	57.02	**56.83**	57.04	57.56	58.10	58.54	58.98	59.39	59.38	59.13	58.58

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
33.9	33.8	33.1	32.5	31	29.3	27.3	26.1	25.5	25	24.9	24	27.5
29.8	30.5	31	**32.5**	30.3	29.2	27.8	26.9	26.3	25.9	24.7	24.5	26.5
31.4	31.8	32.5	**32.8**	30.8	28.3	27.5	26.7	26.2	25.4	25.3	25.5	27
32.1	32.4	**32.9**	32	30.1	28.7	27.9	27	26.5	26	25.2	25.2	27.5
28.5	26.5	27.2	28.5	29.4	27.9	27.2	26.1	25.2	24.1	23.4	23.2	25.8
29.4	30.5	30.5	**31.7**	30.3	28.6	26.8	26.1	25.6	25.2	24.8	23.9	26.6
30.9	**33.2**	31.7	32.5	31	28.5	26.9	26.3	25.5	24.7	23.9	23.1	26.7
32.2	**33.2**	31.9	31	30.2	29	27.7	26.8	26	25.4	25	24.8	26.8
31	33.1	**33.2**	32.3	31.3	29.4	27.8	26.9	26.4	26	25.5	25	27
32.1	32.6	33.1	**33.3**	32.3	30.1	28.2	27.6	26.9	26.7	26.1	25.2	27.7
32.1	32.5	**33.9**	32.7	31.7	30.1	28.8	28.1	27.3	26.6	25.5	25	28
31.1	**32.5**	31.9	31.5	30.6	29.2	28.2	27.6	27.1	26.3	25.2	25	27.4
33	**33.3**	33.1	32.7	31	29.3	28.3	27.9	27	26.7	26	25.5	27.7
33.1	**34**	**34**	**34**	32.7	30.5	28.9	27.8	27.1	26.5	24.8	23.9	28
31.3	30.2	**32.1**	30.7	30.5	29.6	28.5	27.7	26.6	25.7	26.2	25.4	27.1
33.9	34.1	**34.3**	32.9	30.9	29.7	28.7	28	27	26.6	26	25	28.5
32.3	**33.3**	**33.3**	33.2	32.7	29.6	28.7	28.1	27.7	27.7	27.2	26.2	28.1
32.1	**33.2**	33.1	32.1	30.8	29.1	28.8	28.4	28.2	28.2	26.5	26	28.6
31.4	31.8	**32**	31.5	30.2	29.2	27.2	26.8	26.4	26	26.1	25.9	28.1
32.5	**33.2**	32	33	32	29.9	28.7	28.4	27.7	27.6	27.5	25.5	**28.7**
32.7	32	31.1	31.6	29.5	27.8	27.4	27.3	26.8	26.3	25.9	25.6	27.9
29.1	31	30.9	**31.5**	30.5	29.3	27.9	27.3	26.8	25.9	25.3	**24.6**	27.8
31	26.3	26.4	27.1	27.6	27	26.3	25.8	25.9	25	24.6	24.2	26.5
24.9	24.5	24.3	24.5	24.4	23.6	**22.8**	23	22.9	23	23.1	23.2	**23.7**
25.9	26.2	26.5	26.3	26.1	25.5	24.4	24	24	24.1	23.7	23.4	24.8
32.8	32.4	31.4	29.9	29.7	26.9	26.5	26.1	25.7	25.1	24.8	24.6	27.1
31.3	30.5	**31.9**	28.8	29	28.2	27.2	26.8	26.2	25.9	25.7	25.1	27
31.8	**33.5**	33.1	32.7	31.9	29.7	27.9	26.4	26.1	25.6	25.5	25.6	27.9
33	30.9	29	30.5	30.6	29.2	27.7	26.9	26.4	26.2	26.4	25.9	27.4
31.4	**33.4**	31.9	31.1	31.1	28.4	26.8	26.5	26.1	25.2	25.2	24.5	27.2
31.3	**31.5**	31.4	31.2	30.3	28.7	27.5	26.8	26.3	25.8	25.3	24.8	27.2

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	85	88	87	89	**91**	**91**	89	67	50	47	40	37
2	79	86	87	**91**	86	87	80	67	59	61	57	58
3	81	84	88	**89**	88	87	79	69.5	67	63	61	62
4	81	82	83	83	**84**	83	76.5	69	63	57	62	67
5	78	80	84	85	**87**	**87**	82	63	68	62	**58**	64
6	86	83	86	87	87	**89**	77	72	66	62	59	62
7	77	81	82	85	**88**	**88**	83	65	66	64	58	49
8	84	87	92	91	93	**94**	81	68	57.5	59	58	54
9	80	80	87	90	90	**94**	80	72	68	66	63	57
10	77	83	**88**	**88**	**88**	87	76	63	61	60	57	54
11	82	85	89	86	87	**90**	82	70	72	71	64	58
12	83	87	86	88	**90**	88	80	68	66	66.5	64	59
13	76	79	81	**82**	81	**82**	72	57	54	62	62	57
14	73	79	80	81	84	**85.5**	78	64	61	52	53	43
15	78	82	82	81	**84**	83	79	65	57.5	**55**	58	56
16	76	79	83	**88**	87	**88**	77	67	61	55.5	51	48
17	80	84	84	85	**88**	87	75	63	64	60	60	54
18	81	82	85	85	88	87	76	72	66.5	65	67	69
19	**94**	93	93	89	89	89	85	75	71	62	60	65
20	88	87	89	87	**90**	**90**	87	72	69	58	65	58
21	83	83	83	83	87	**89**	83	75	69	70	66	63
22	86	88	88	91	**92**	**92**	86	77	69	67	69	68
23	83	87	86	87	84	85	80	68	63	**62**	65	66
24	95	97	97	96	97	97	97	97	97	97	94	93
25	**99**	**99**	**99**	98	98	**99**	97	95	91	86	**85**	88
26	**97**	**97**	**97**	96	95	94	88	79	69	64	59	59
27	90	92	95	95	95	**96**	93	89	83	72	68	68
28	93	93	92	93	**94**	93	83	**77**	71	71	66	63
29	74	81	**84**	83	**84**	**84**	76	75	70	69	66	64.5
30	78	82	87	**89**	87	**89**	81	77	77	69	62	63
Mean	83.2	85.7	87.5	88	88.8	**89.2**	82	71.9	67.6	64.5	62.6	60.9

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	17.6	17.9	17.2	17.3	17.3	17.2	**19.3**	18.5	16.9	16.2	15.1	14.3
2	16.4	16.7	16.4	16.4	**16.1**	**16.1**	17.3	17.5	17.8	18.1	17.9	17.8
3	17.2	17.2	17.4	17.2	16.9	**16.5**	17.9	18.3	19.4	19.5	19.8	20.4
4	18.6	18.1	18.4	18.4	18.5	18.4	19.7	19.2	18.7	17.2	17.9	19.1
5	17.4	17	16.8	16.7	16.6	**16.5**	18	17.6	19.6	18.5	18.1	18.1
6	17.5	17.4	17.7	17.7	17.8	18	17	19	18.9	19	18.9	19.6
7	16.3	16.1	15.8	16.1	16.3	16.3	17.5	18.5	**19.2**	18.9	18.5	17.6
8	17	16.9	17.3	16.9	16.9	16.9	18.3	18.4	18.2	18.4	18.2	18.3
9	16.9	**16.4**	16.7	16.6	**16.4**	16.5	18.5	19.2	19.6	**19.7**	**19.7**	19
10	17.6	17.8	17.6	17.5	16.9	16.9	17.9	17.5	18.6	18.6	18.6	18.7
11	18.8	18.8	19	18.3	18.3	18.5	20.6	20.3	21.2	**22.2**	20.9	20.4
12	18.8	18.8	18.2	18.2	18.2	17.6	19.2	19.3	19.9	**20.5**	19.7	19.4
13	17.2	17	16.8	16.5	16.3	**15.8**	16.9	16	17.2	18.1	19.3	**20**
14	17.3	17.3	16.9	16.2	16.4	16.3	18	**18.5**	17.8	17.7	18.4	16.2
15	16.9	16.9	16.7	**15.9**	16.2	16.1	17	16.8	17.5	18.1	19	19.2
16	18.1	18.3	18.5	18	17.6	17.6	**20.1**	19.7	19.7	20	18.8	18.1
17	18	18	17.6	17.3	17.3	**16.8**	18.7	17.6	18.8	19.5	20	19.3
18	19.7	19.6	20	19.8	19.8	**19.5**	20.9	21.9	21.5	21.6	22.7	23.2
19	**23.2**	22.8	22.8	21.9	21.5	20.9	21.8	21.2	21.6	20.9	20.2	21.3
20	21	20.8	21	21.9	21.2	21.3	22	20.5	21.2	20.3	**22.2**	21.3
21	19.3	**19.2**	19.7	19.5	19.9	20.1	20.9	21.2	22	**22.8**	22.3	22.3
22	21.1	21.5	21.9	22.3	21.8	21.7	21.7	21.1	21.7	22.2	21.8	20.8
23	19.2	19.5	19	18.7	**18.3**	18.8	19.5	19.7	19.3	20.5	20.6	22.5
24	21	21.1	20.7	20.7	20.6	20.3	20.6	20.9	21	21	21.2	21.4
25	20.9	21.1	21.1	**20.6**	**20.6**	**20.6**	**20.6**	21.8	22.6	**23.3**	22.7	23.2
26	20.7	20	19.7	19.4	19.1	**18.9**	21.6	**22.5**	21.8	21.4	20.9	21
27	20.5	20.6	20.9	20.6	20.9	21.1	21.4	21.7	21.6	22.1	22.1	22.5
28	21.4	21	20.7	20.2	20.1	20.1	21.4	**21.9**	21.7	21.2	21.5	21.3
29	17.8	17.6	17.7	**17**	17.3	17.3	19.2	19.5	21.1	20.9	21.2	21.9
30	19.2	19.4	19.1	19.5	**18.3**	18.4	19.5	20	19.9	20.2	19.9	18.7
Mean	18.8	18.7	18.6	18.4	18.3	**18.2**	19.4	19.5	19.9	20	19.9	19.9

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
36	37	41	44	43	49.5	57	61	65	70	69.5	74	62.8
62	57	54	**49**	56	55	60	62.5	65	67	74	75	68.1
54	54	56	**53**	54	66	67	70	73	77	77	78	70.7
55	55	**48**	51.5	55	58	59	64	66.5	69	73	72	67.4
73	80	68	59	60	63	67	72	75	81	85	83	73.5
66	60	58	**55**	**55**	58	65	68	71	71	68.5	74	70.2
54.5	**43**	46	**43**	49	54	62	63	67	72	77	79.5	66.5
54	**51.5**	54	54	58	60	63	67	71	70	70	70	69.2
58	47	**45**	53	52	58	65	69	70	72	76	77	69.5
52	50	50	**46**	**46**	54	64	67	71	71	74	80	67
55	54	**45**	50	60	63	67	70	75.5	77	80	79.5	71.3
58	**50**	54	52	55	58	60	64	65	71	75	74	69.2
52	49	**48**	**48**	49	56	61	61	63	64	67	71	63.9
43.5	40	**39**	43	47	54	59	62	63	63.5	73	77	**62.4**
58	65	60	65	59	59	62.5	66	71	71.5	69	74	68.4
48	47	**44**	**44**	55	59	61	65	70	73	72.5	77	65.7
53.5	**50**	53	55	**50**	65	63	70	70	70	75	78	68.2
66	**57**	60	64	76	80	79	82	82	82	91	**92**	76.4
63	62	**59**	61	68	64	76	76	79	81	82	85	75.9
56	53	55	**52.5**	55	63	69	68	73	75	76	82	71.6
60	**59**	61	**59**	69	76	76	76	81	84	85	87	75.3
75	62	**60**	**60**	66.5	65	67.5	69	70	75	80	83	75.2
67	87	88	88	89	88	85	87	85	91	92	**95**	81.6
92	93	96	94	95	97	97	97	**98**	**98**	**98**	**98**	**96.1**
91	90	90	88	89	88	96	95	95	97	97	97	93.6
57	**56**	61	70	69	77	79	82	85	89	92	92	79.3
69	70	**65**	72	67.5	77	78	82	85	87	87	89	81.9
61	**50**	51	52	51	53	59	67	66	73	76	75	71.8
59	60	63	59	**54**	58	64.5	72	73	75	74	78	70.8
56	**50.5**	56	62	59	64	71	72	73	80	82	84	72.9
60.2	58	**57.6**	58.2	60.4	64.6	68.6	71.6	73.9	76.6	78.9	81	72.5

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
14.2	14.6	15.4	15.9	14.3	15	15.3	15.4	15.7	16.4	16.3	16.5	**16.2**
19.3	18.6	18	17.7	17.9	16.5	16.8	16.4	16.5	16.7	17.1	17.2	17.2
18.4	18.7	**20.5**	19.5	18	18.8	18.3	18.2	18.5	18.7	18.4	19	18.4
19.7	**19.8**	17.9	18.2	17.4	17	**16.4**	16.9	17.1	17.2	17.3	17.1	18.1
21	20.6	18.3	17.1	18.2	17.5	17.9	18	17.9	18	18.1	17.5	18
20	19.5	19	19	17.5	16.9	17.1	17.1	17.2	17	**16**	16.4	18
18.1	16.1	15.9	15.8	16.5	**15.7**	16.3	16.1	16.2	16.6	16.9	16.7	16.8
19.5	**19.5**	18.9	18	18.4	17.7	17.4	17.6	17.7	17	16.6	**16.3**	17.8
19.4	17.7	16.9	19	17.7	17.7	18.1	18.1	18	17.9	18.4	18.2	18
18.5	18.4	18.7	17.6	**16.7**	17.3	18.2	18.4	18.6	18.4	18.6	**19**	18
19.7	19.7	**17.8**	18.4	21	20	19.8	19.8	20.3	20	19.4	18.7	19.7
19.5	18.3	18.9	17.9	17.9	17.4	**17.1**	17.7	17.4	18.1	17.9	17.5	18.5
19.4	18.8	17.9	17.6	16.5	17	17.4	17.1	16.7	16.6	16.6	17.1	17.3
16.3	16	**15.6**	17	17.4	17.6	17.4	17.2	16.7	16.3	17	16.9	17
19.7	20.7	21.2	**21.4**	19.1	18.1	18	18.2	18.3	17.5	17.4	17.9	18.1
18.9	18.5	17.8	**16.3**	18.3	18.3	17.9	18.2	18.6	18.8	18.1	18.2	18.4
19.2	19.2	20	**20.7**	18.4	20.1	18.5	19.8	19.5	19.5	20.2	19.7	18.9
23.3	21.5	22.5	22.6	**25.2**	23.9	23.3	23.5	23.4	23.4	23.4	22.9	**22**
21.4	21.8	20.9	20.9	21.6	**19.4**	20.4	19.9	20.1	20.2	20.7	21	21.2
20.5	19.9	19.6	19.6	**19.4**	19.7	20.1	19.6	20.3	20.5	20.8	19.9	20.6
22.1	20.9	20.6	20.4	21.2	21	20.5	20.5	21.2	21.3	21.2	21.2	20.9
22.4	20.8	19.9	20.8	21.5	19.7	18.8	18.6	**18.3**	18.5	19.1	19.2	20.7
22.5	22.1	22.4	23.5	**24.4**	23.3	21.6	21.5	21.2	21.3	21.2	21.3	20.9
21.4	21.3	**21.6**	21.5	**21.6**	20.9	**20.1**	20.3	20.4	20.5	20.6	20.8	20.9
22.6	22.8	23	22.3	22.2	21.4	21.7	21	21	21.7	21.2	20.8	21.7
20.9	20.4	20.8	21.9	21.2	20.2	20.3	20.7	20.9	21.1	21.3	21.2	20.7
23.4	22.8	22.8	21.2	**20**	21.7	21	21.4	21.6	21.6	21.3	21.1	21.5
21.4	19.3	19.1	19	17.9	**16.4**	16.6	17.2	16.6	17.8	18.4	18.2	19.6
22.1	19.9	18.7	19.1	17.7	17.4	17.8	18.9	18.6	18.9	19	19.5	19
19.2	19.3	19.7	**21**	19.8	**18.3**	18.5	18.5	18.4	19.2	19.5	19.2	19.3
20.1	19.6	19.3	19.4	**18.2**	18.7	18.6	18.7	18.8	18.9	18.9	18.9	19.1

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Ci.		Ci.									
2			Ci.		Ci.							
3	Ci.		Ci.		Ci.							
4	A.-Cu.		A.-Cu.		A.-Cu.	SEbyE	A.-Cu.		A.-Cu.	SEbyE	A.-Cu.	
5					A.-Cu.							
6	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
7			Ci.									
8												
9												
10	Ci.				Ci.							
11												
12												
13	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
14												
15	A.-Cu.	ESE			A.-Cu.	ESE	A.-Cu.	ESE	A.-Cu.		A.-Cu.	
16	A.-Cu.		A.-Cu.								A.-Cu.	
17	Ci.		Ci.-S.		Ci.		Ci.		Ci.		Ci.	
18												
19	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
20	Ci.-S.				Ci.		A.-Cu.		Ci.		Ci.	
21	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
22	Ci.-S.		A.-Cu.		A.-Cu.		Ci.-S.		Ci.-S.			
23	Ci.-S.		Ci.		Ci.-S.		Ci.-S.		Ci.		Ci.	
24												
25	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
26	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
27	Ci.-S.		A.-S.		A.-S.		A.-S.		A.-S.		A.-S.	
28			A.-S.		A.-S.		A.-S.					
29					A.-S.							
30							A.-S.					

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	S.		Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	E
2	S.-Cu.		Cu.		Cu.		Cu.	E	Cu.	E	N.-cf.	
3	Cu.		Cu.		Cu.		Cu.		Fr.-Cu.		Cu.	
4	S.-Cu.		S.-Cu.		S.-Cu.	EbyN	S.-Cu.	ENE	S.-Cu.	ENE	S.-Cu.	
5	S.-Cu.		S.-Cu.	E	S.-Cu.		Cu.		N.-cf.		Cu.-N.	
6	S.-Cu.		S.-Cu.	E	S.-Cu.	E	S.-Cu.	E	Cu.	E	Cu.	
7	S.-Cu.	E	Cu.		Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.	
8	S.-Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
9	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
10	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
11	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	
12	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
13	Cu.		Cu.		Cu.		N.-cf.	EbyN	N.-cf.	EbyN	Cu.	
14	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
15	S.-Cu.		S.-Cu.		Cu.		S.-Cu.		S.-Cu.		S.-Cu.	
16	Cu.		Cu.		Cu.	E	Cu.		Cu.	NEbyE	Cu.	
17	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
18	Cu.		Cu.		Cu.	NbyE	Cu.	NbyE	Cu.		Cu.	
19	Cu.		Cu.		Cu.	N	Cu.		Cu.		Cu.	
20	S.-Cu.	NW	S.-Cu.	NW	S.-Cu.	NW	S.-Cu.	NW	Cu.	NW	Cu.	
21	Cu.		S.-Cu.	SE	Cu.	SE	N.-cf.		N.-cf.		Cu.-N.	
22	Cu.	NE	S.-Cu.	SE	S.-Cu.	SE	Cu.		Cu.-N.		Cu.-N.	
23	S.-Cu.		Cu.	E	Cu.	E	Cu.	E	N.-cf.		Cu.	
24	N.		N.		N.		N.		N.		Fr.-N.	
25	N.	S	N.	SbyW	N.	SbyW	Fr.-N.		Fr.-N.		N.	
26	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
27	S.-Cu.		S.-Cu.		Cu.		Cu.		N.-cf.	SE	N.-cf.	SE
28	Cu.		Cu.		Cu.	E	Cu.	E	Cu.		Cu.	
29	Cu.		S.-Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.-N.	
30	N.-cf.	E	S.-Cu.	E	Fr.-N.	E	Cu.		Cu.	E	N.-cf.	E

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
		Ci.-S.		A.-Cu.	SEbyE	A.-Cu.	SEbyE	A.-Cu.		Ci.-Cu.	
A.-Cu.	SEbyE	A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.			
				Ci.-S.	SW	A.-Cu.		A.-Cu.		A.-Cu.	
Ci.		Ci.-S.	SW	A.-Cu.		Ci.-S.	SW	Ci.-S.	SW	Ci.	
										Ci.	
						Ci.		Ci.		Ci.	
										A.-S.	
						Ci.-S.				Ci.	
		Ci.		Ci.		Ci.		Ci.		Ci.	
Ci.-S.		A.-Cu.		A.-Cu.		A.-Cu.				Ci.-S.	
						Ci.		Ci.		Ci.	
				Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
A.-Cu.		A.-Cu.		Ci.-S.		A.-Cu.		A.-Cu.		A.-Cu.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
								A.-Cu.	NNE	Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	SWbyS	Ci.-S.	SWbyS	Ci.-S.	
Ci.		Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.-S.		A.-Cu.	SEbyE	Ci.-S.	SSE	Ci.-S.	
Ci.				Ci.-S.		A.-Cu.	NE	Ci.-S.	SSE	Ci.-S.	
										Ci.-S.	
Ci.		Ci.	SW	Ci.-S.	SW	Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	WSW	Ci.-S.	WSW	A.-Cu.	
		Ci.		Ci.		Ci.		Ci.		Ci.	
		A.-Cu.				Ci.		A.-Cu.		Ci.	
		Ci.-Cu.		A.-Cu.		Ci.-S.		Ci.		Ci.-S.	

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction,	Form.	Direction.
Cu.		Cu.	E	Cu.	E	Cu.		Cu.		Cu.	
Cu.		S.-Cu.	E	S.-Cu.	EbyN	S.-Cu.	EbyN	S.-Cu.		S.-Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.-N.		Cu.	
S.-Cu.	ENE	S.-Cu.		S.-Cu.		S.-Cu.	E	S.-Cu.		S.-Cu.	
Cu.-N.		S.-Cu.	E	S.-Cu.	E	S.-Cu.		S.-Cu.		S.-Cu.	
Cu.-N.		S.-Cu.		S.-Cu.	E	Cu.	E	Cu.		S.-Cu.	
Cu.		Cu.	ESE	Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		N.-cf.	ENE	N.-cf.	ENE	Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		S.-Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.-N.		Cu.-N.	EbyN	Cu.-N.	EbyN	Cu.-N.		Cu.-N.	
Cu.		Cu.		Cu.		Cu.		S.-Cu.	ENE	S.-Cu.	ENE
Cu.		Cu.		Cu.	ENE	Cu.	ENE	S.-Cu.	ENE	S.-Cu.	
Cu.		Cu.	E	Cu.	ENE	Cu.		Cu.		Cu.	
Cu.-N.		Cu.-N.		Cu.	ENE	Cu.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.-N.		N.-cf.		Cu.-N.		Cu.-N.	ENE	S.-Cu.	E
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.	N	Cu.	
Cu.		Cu.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.		Cu.-N.	
Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	NW	Cu.-N.	
Cu.		S.-Cu.		Cu.-N.	ENE	S.-Cu.		S.-Cu.	ENE	S.-Cu.	
Cu.-N.		Cu.-N.		Cu.-N.		S.-Cu.		Cu.-N.		S.-Cu.	
Fr.-N.		N.		Fr.-N.		Fr.-N.	N	Fr.-N.		N.	
Fr.-N.	SbyW	N.		N.	SbyW	Cu.-N.		Fr.-N.		Cu.-N.	
Cu.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		S.-Cu.	
Cu.		Cu.	E	Cu.	E	Cu.		Cu.		Cu.-N.	
Cu.-N.		Cu.	EbyN	Cu.-N.		Cu.	E	Cu.		Cu.	
N.-cf.	E	Cu.	E	Cu.	E	Cu.-N.		Cu.-N.		Cu.-N.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	NNE	0.5	NE	0.5	NE	0.5	NNE	0.5	Calm	--------	Calm	--------
2	Calm	--------	ESE	1	Calm	--------	ESE	.5	NNE	1.5	NNE	0.5
3	Calm	--------	Calm	--------	Calm	--------	NNE	1	Calm	--------	NE	.5
4	Calm	--------	Calm	--------	Calm	--------	EbyN	1	Calm	--------	EbyN	1.5
5	EbyS	.5	EbyS	.5	Calm	--------	Calm	--------	EbyS	.5	Calm	--------
6	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
7	NE	2	Calm	--------	NE	.5	E	.5	E	.5	Calm	--------
8	Calm	--------	E	.5	E	1	E	.5	E	1	Calm	--------
9	ENE	1	EbyS	.5	ENE	1.5	ENE	1	EbyS	1	Calm	--------
10	ESE	3.5	ESE	1	Calm	--------	ENE	1	ENE	1	Calm	--------
11	Calm	--------	ESE	.5	Calm	--------	NNE	.5	Calm	--------	Calm	--------
12	E	1	ENE	1	Calm	--------	EbyN	.5	Calm	--------	Calm	--------
13	Calm	--------	Calm	--------	Calm	--------	EbyN	.5	EbyN	1	Calm	--------
14	ESE	1.5	ESE	.5	ESE	.5	E	1.5	E	1	Calm	--------
15	Calm	--------	Calm	--------	ENE	.5	ENE	1	Calm	--------	Calm	--------
16	E	1.5	ESE	2.5	ENE	1.5	ENE	1.5	ENE	.5	Calm	--------
17	EbyN	1	E	1	E	1	E	.5	Calm	--------	NEbyE	2
18	ESE	1	ESE	.5	ESE	1	NNE	.5	NNE	.5	Calm	--------
19	NNE	2	N	1.5	N	1.5	N	2.5	N	3.5	NNE	3.5
20	Calm	--------	Calm	--------	NEbyE	1	NEbyE	3	NEbyE	1.5	NE	1.5
21	NWbyN	4.5	NWbyN	2.5	NWbyN	2	NbyW	2.5	NbyW	1.5	NbyW	.5
22	NEbyE	1	NEbyE	1	Calm	--------	Calm	--------	NNE	1.5	N	2
23	ENE	1	ENE	2	NEbyE	2	NNE	2	NEbyN	2	Calm	--------
24	NNE	2	NNE	3	NNW	2	N	3	NNW	4.5	NNE	3.5
25	EbyS	2	EbyS	.5	EbyS	.5	SE	2	SEbyS	1	Calm	--------
26	EbyN	1	Calm	--------	Calm	--------	EbyN	.5	EbyN	1	Calm	--------
27	NbyW	1.5	NbyW	1.5	NNE	1.5	N	1.5	N	1	NEbyN	2
28	Calm	--------	Calm	--------	ENE	1	NNE	.5	NE	1	Calm	--------
29	E	3	ENE	3.5	NNE	2.5	NNE	2	NE	1	Calm	--------
30	EbyS	2.5	EbyS	.5	EbyS	1.5	EbyN	2	EbyN	1.5	Calm	--------
Mean	------------	1.1	------------	.9	------------	.8	------------	1.1	------------	1	------------	.6

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	E	5	ESE	3.5	SE	7	SEbyS	5	SE	10	ESE	2.5
2	WbyS	2	NNW	4.5	NNW	2.5	NNE	1.5	ESE	5	ESE	5
3	WSW	4.5	WSW	4	WSW	2.5	SbyE	6	NNE	8	E	4
4	ESE	3.5	ESE	2	ESE	3	SE	7	ESE	2.5	E	3
5	Calm	--------	S	2.5	SEbyE	4.5	SEbyE	4	ESE	4.5	ENE	4.5
6	NNW	1	WNW	1.5	ENE	2.5	ESE	7	ESE	4.5	E	7
7	NW	.5	E	8	E	5.5	E	4	ESE	4	E	4
8	SW	4	SE	7	SE	7.5	SSE	8	SE	5	ESE	6
9	W	2.5	SE	10	ESE	4.5	SE	8.5	SE	4	SEbyE	4
10	W	5	WSW	4.5	SW	1.5	ESE	3	ESE	2	ESE	4
11	W	3	W	3	SE	10	SSE	8	SE	8.5	SE	9
12	WSW	2.5	SSE	5.5	SSE	9.5	ESE	8	SEbyE	4.5	SE	5.5
13	SE	6	SSE	6	SEbyS	6	SSE	9.5	SE	4.5	SEbyE	7
14	SE	8	SEbyS	7	SEbyS	5.5	SE	2	SEbyS	5	SSE	2
15	W	3	NNW	7	NWbyN	2.5	NWbyW	1.5	SWbyW	1.5	SE	2.5
16	SEbyE	6.5	ESE	5	SE	1.5	ESE	5	NE	3	ENE	2.5
17	WNW	3.5	W	4	W	3	WNW	3	WNW	2	SW	4
18	WSW	9.5	WSW	5	WSW	3.5	WSW	7	SW	5.5	SW	4.5
19	WSW	5.5	SWbyS	6.5	WSW	7	SWbyW	4	SW	4	SbyW	4
20	W	1.5	WbyS	1.5	E	4	ESE	2.5	ESE	2	SE	5.5
21	W	6	W	3	NEbyN	6.5	SSE	7	SSE	2.5	SSE	1.5
22	Calm	--------	NW	3	NW	3.5	NE	2	EbyS	1	ESE	1.5
23	W	4.5	NWbyW	6.5	Calm	--------	Calm	--------	Calm	--------	E	1.5
24	NNW	4	NNW	4	NNW	1	NNW	1.5	NNW	2.5	NbyE	2.5
25	SSE	2.5	SSE	1	SSE	1.5	W	.5	Calm	--------	SWbyS	1.5
26	SE	7.5	SE	9.5	SE	4.5	SEbyE	3	E	1.5	N	1
27	WSW	3	WbyS	3.5	WNW	1	WSW	2	S	1	Calm	--------
28	WSW	4	SEbyE	7.5	SE	10	SE	6	ESE	2.5	SEbyE	5.5
29	SE	5	ENE	5.5	NNE	5	ENE	1.5	E	3	EbyS	2
30	WbyN	2	EbyS	6	NWbyN	3	NbyE	3.5	SEbyS	3	Calm	--------
Mean	------------	3.8	------------	4.9	------------	4.3	------------	4.4	------------	3.6	------------	3.6

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	-----	Calm	-----	ESE	4	ENE	1.5	NNE	3	EbyS	5
NNE	0.5	NE	1.5	Calm	-----	W	2	WNW	2	Calm	-----
NE	1	NE	1.5	WNW	3	W	3.5	W	3	WSW	3.5
E	.5	SEbyE	2	ENE	4	ESE	6.5	ENE	7	EbyS	4
Calm	-----	Calm	-----	S	1.5	W	2	W	2	Calm	-----
NNE	1	N	1	WSW	1.5	W	4	W	3.5	W	4
Calm	-----	Calm	-----	NW	2	WNW	2.5	WNW	3.5	ESE	3.5
E	1	N	1.5	NE	.5	WNW	2	W	4.5	W	3
Calm	-----	WSW	1.5	W	2	WNW	3	WNW	3	WNW	4
Calm	-----	Calm	-----	W	2	W	3.5	W	4.5	WNW	2.5
Calm	-----	Calm	-----	W	1	W	3	WNW	3.5	WSW	4
Calm	-----	Calm	-----	SW	1	NW	3	WNW	2.5	W	3
Calm	-----	Calm	-----	NW	1	WNW	2	WSW	1.5	ESE	3
Calm	-----	Calm	-----	WSW	2	SSE	1.5	WSW	3	SE	3
Calm	-----	Calm	-----	W	3	NW	5	WSW	4	WSW	4.5
Calm	-----	ESE	1	ESE	2	SE	7	ESE	3	SEbyE	4.5
NNE	1	WSW	2	W	3	W	4	WNW	8	WbyS	6
Calm	-----	N	5	NNW	3	W	5	W	2	WbyS	7
N	4.5	NNE	5	NNW	3.5	NNW	8.5	N	1.5	WSW	2
NNE	.5	Calm	-----	Calm	-----	ESE	1.5	WNW	4	WSW	3
Calm	-----	Calm	-----	SSE	2.5	S	1.5	W	3.5	W	6
Calm	-----	Calm	-----	WSW	2	NW	1.5	WNW	1.5	W	2
Calm	-----	Calm	-----	NW	1.5	WNW	2	W	4	W	3
NNE	2	NNE	2.5	NE	1	NE	1.5	Calm	-----	NNW	4
SE	3	SEbyE	4	SEbyE	2.5	SE	6.5	SE	2	SEbyS	2.5
Calm	-----	E	1.5	SE	5	SE	4	ESE	3.5	EbyS	3
Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	NW	4.5
NEbyN	1	Calm	-----	WNW	3	NW	1.5	W	3	WNW	2
Calm	-----	Calm	-----	W	2	W	2	WbyN	2	WNW	1.5
Calm	-----	Calm	-----	Calm	-----	WNW	1.5	WSW	3	WNW	3
-----	.5	-----	1	-----	2	-----	3.1	-----	2.9	-----	3.4

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		Midnight.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
ESE	1.5	ESE	2	ESE	1.5	ESE	1.5	ESE	1.5	ESE	1	2.4
SEbyE	2.5	ESE	4	ESE	2	ESE	1	Calm	-----	Calm	-----	1.6
E	4	EbyS	4.5	ESE	1.5	Calm	-----	Calm	-----	EbyS	1	2.4
E	1.5	ESE	2	EbyS	1.5	ESE	1.5	ESE	2	ESE	1.5	2.4
ENE	1	E	1	Calm	-----	Calm	-----	Calm	-----	Calm	-----	1.2
ESE	3.5	ESE	2	ESE	3	ESE	1.5	ESE	4	E	2	2.3
ESE	1.5	ESE	2	ESE	.5	ESE	2	E	.5	E	1	2
SE	5	ESE	4.5	SEbyE	3.5	SEbyE	2	SEbyE	1.5	ESE	1.5	3
SE	3	SE	3	SE	2	ESE	2.5	SE	3	SE	3	2.9
ESE	3	SEbyS	2	SE	2.5	SEbyE	2	ESE	1	Calm	-----	2.1
SEbyE	2	SEbyE	2	SE	1.5	ENE	1.5	ENE	1.5	E	1	2.6
SE	4.5	SEbyE	1.5	SE	2	SE	1	Calm	-----	Calm	-----	2.4
ESE	3	ESE	1.5	ESE	2	ESE	2	ESE	2	SEbyE	1.5	2.5
SEbyS	5.5	ESE	2.5	SEbyE	2	ESE	2.5	ESE	.5	ESE	1	2.4
ESE	2	SE	3	ESE	1.5	ESE	2	ESE	2	ESE	2	2
E	1	ESE	1.5	ESE	1.5	SEbyE	1	EbyN	1	Calm	-----	2.3
SSW	6	S	3	S	2.5	S	1	Calm	-----	Calm	-----	2.4
SSW	3	SSW	3	SSW	3	S	2.5	NbyE	2	ENE	1	3.1
ESE	1.5	ESE	1.5	NEbyE	2.5	NEbyE	1	NEbyE	.5	NEbyE	1	3.3
ESE	2.5	ESE	3	ESE	2	ESE	1	ESE	1.5	NNW	6	2
SbyE	1	SEbyE	.5	SEbyE	1	SEbyE	1	NEbyE	1.5	NEbyE	.5	2.5
ESE	2.5	ESE	3	ESE	2	EbyS	1.5	ESE	1.5	ENE	1	1.5
ENE	1.5	NE	2	N	3	NE	2.5	N	2	N	1	1.8
Calm	-----	Calm	-----	Calm	-----	Calm	-----	ESE	1.5	ESE	1	2
Calm	-----	SEbyS	.5	SEbyS	1	Calm	-----	EbyN	1	EbyN	1	1.5
NbyE	.5	Calm	-----	WNW	.5	Calm	-----	NNE	1	NNE	1	2.1
SE	1	ESE	1	Calm	-----	ENE	1.5	Calm	-----	Calm	-----	1.1
SEbyE	5	ESE	3	ESE	3	ESE	4	ESE	2.5	SE	5	3
ESE	1	ESE	2	ESE	2	ESE	2.5	ESE	3	ESE	2	2.2
ESE	2.5	EbyS	2.5	EbyS	3	ESE	2	ESE	2.5	SEbyE	1.5	2
-----	2.4	-----	2.1	-----	1.8	-----	1.5	-----	1.4	-----	1.3	2.2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10. a.	10-11 a.	11-Noon.
1	1	5	3	3	2	1	2	2	10	15	16	12
2	4.5	4.5	4	3.5	7.5	7	5	6.5	2.5	9.5	**17**	10.5
3	.5	1.5	.5	2	2.5	1	1.5	1.5	2.5	8.5	14	11.5
4	0	0	.5	1.5	0	0	.5	1.5	5.5	14.5	**27**	15.5
5	1.5	1.5	1.5	1	1.5	3	3	.5	2	4.5	11	11
6	0	0	0	0	0	0	2.5	2.5	3.5	9.5	15	14
7	6	3	2	1.5	2.5	3.5	1	3	7	12	16	12
8	1	.5	1.5	3.5	3	3	5	6	3	10	18	17
9	4.5	3	5	4	4	0	1.5	3	6.5	13	16	19
10	9.5	6.5	2.5	4	5.5	5.5	1.5	1.5	4	12	**19**	17
11	1	2	1	3	1	.5	0	1	6.5	8.5	16	14
12	4.5	4.5	1	3	2	2.5	1	.5	5.5	12	18	13
13	2	2	1.5	3	4.5	2.5	2.5	2.5	3.5	8.5	12	8.5
14	5	2	1.5	6	5	3	1	1.5	6.5	4.5	14	10.5
15	1.5	1	3.5	4	1	3	1.5	2.5	6	12.5	**21.5**	14
16	5	6	6	2.5	4	4	1.5	5	11	16	21.5	**24**
17	3	4.5	3.5	3	2	5	3	2	7.5	10.5	**19.5**	17
18	2.5	3	2.5	3.5	3	2	1	11	13.5	15.5	24.5	22
19	3	4.5	4	7	10	12	15	21.5	21.5	23.5	15.5	11.5
20	1	1	4	7	6.5	5.5	5	4.5	6.5	4.5	13.5	15
21	18	11.5	7	9.5	6	3	2.5	5	5	8.5	13.5	15
22	1	.5	.5	0	3	4	7.5	3	3.5	8.5	**17.5**	14
23	1.5	4	7	6.5	6	7	5	2	7	13	**22**	14
24	7	9.5	7.5	9.5	15	12	12	12.5	9.5	4.5	2	9.5
25	6.5	1.5	2.5	11	5.5	4.5	11.5	8	9	9	**15**	**15**
26	1.5	1.5	.5	1	2	4	2	3.5	7.5	11	15	**15.5**
27	4	3.5	5	3	3.5	1.5	2.5	1.5	4	1.5	4	12
28	0	0	2	2.5	2.5	4	5	4.5	5.5	10.5	12	13.5
29	7	4.5	4.5	4	5.5	2	1	1	3	9	12.5	7
30	7	4.5	1	5	4.5	.5	0	0	3	5.5	9	12
Mean	3.7	3.2	**2.9**	3.9	4	3.6	3.5	4	6.4	10.2	**15.6**	13.9

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	4	1	2	4	6	3	4	3	3	3	2	3	3.2	10	10
2	2	3	1	2	3	6	6	7	7	7	4	4	4.3	6	45
3	2	1	1	3	3	3	5	4	4	7	9	7	4.1	9	15
4	8	9	9	6	9	9	7	9	7	8	8	9	8.2	3	00
5	2	3	6	8	7	10	10	9	8	6	6	7	6.8	3	50
6	9	8	9	9	9	10	10	8	8	6	5	4	7.9	3	45
7	7	4	7	8	7	4	5	6	4	3	2	3	5	9	55
8	2	0	1	2	2	3	3	4	5	9	7	5	3.6	8	40
9	2	1	1	2	3	3	3	4	2	2	2	2	2.2	11	05
10	0	0	1	1	1	1	2	3	2	1	2	2	**1.3**	10	45
11	1	0	2	5	6	5	6	4	3	3	3	4	3.5	9	45
12	2	1	1	4	3	4	4	4	4	4	4	4	3.2	10	00
13	3	3	3	7	5	7	5	5	5	5	4	5	4.8	10	10
14	2	1	1	1	1	1	3	3	4	3	2	3	2.1	10	55
15	6	9	6	8	7	6	6	6	5	5	4	5	6.1	5	45
16	4	3	2	3	4	4	4	5	5	8	4	5	4.2	9	35
17	2	2	3	3	3	3	2	2	2	2	3	3	2.5	**11**	**35**
18	2	1	4	4	3	2	1	3	3	2	6	9	3.3	10	30
19	10	9	10	9	10	10	10	10	9	9	10	10	9.7	6	55
20	9	10	10	9	8	8	8	6	7	7	7	7	8	6	55
21	5	10	10	9	10	10	10	9	9	8	10	9	9.1	7	10
22	10	10	10	10	10	10	10	9	9	8	9	10	9.6	2	40
23	6	7	8	7	9	10	9	9	8	9	7	8	8.1	5	20
24	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
25	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
26	4	4	5	5	5	5	7	6	8	10	9	9	6.4	7	40
27	8	10	10	10	9	8	9	8	9	9	8	7	8.8	4	10
28	3	2	4	5	5	4	3	3	3	3	3	3	3.4	11	15
29	3	8	2	6	5	6	7	8	8	8	7	4	6	6	25
30	4	9	9	7	7	6	5	3	5	5	7	3	5.8	7	20
Total														221	15
Mean	**4.7**	5	5.3	5.9	6	6	**6.1**	6	5.9	6	5.8	5.8	5.7	7	22

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–Mdt.	Mean.
18	19.5	**23.5**	20	22	18	8	9	9	9	10	8.5	10.3
7.5	8.5	9	7	9	8.5	10	13	9	6	2.5	4.5	7.4
17.5	12	11.5	11	**20**	17.5	5	9	4	.5	.5	2	6.6
15	14	16.5	20.5	19	10.5	11.5	8.5	4.5	4.5	7.5	6.5	8.5
4.5	4.5	14	**16**	14	13.5	9	4	.5	0	0	0	5.1
5	5	9	18.5	**20.5**	16	9.5	9.5	10	10.5	6	8	7.3
9	11.5	14	18.5	20	**20.5**	12.5	9	5	5.5	4	2.5	8.4
12	18	20.5	18.5	**22.5**	19.5	16.5	15	12	10.5	8	8.5	10.5
16.5	14	**23.5**	18.5	22	18	13	9.5	8.5	9.5	11	8.5	10.5
16.5	18	13	11	15	13.5	13.5	9.5	11.5	9.5	5	1	9.4
12	14.5	12	16	**17.5**	16	10	7	6	5.5	5.5	3	7.5
9.5	10.5	22.5	**23**	19.5	14	10.5	7.5	9.5	4.5	2	2.5	8.5
20	22	21.5	**22.5**	21	15.5	11	6	8.5	9.5	9	5.5	9.4
22	23	**24.5**	16	11	15	12.5	13	9.5	10.5	.5	1	9.1
15.5	19.5	15.5	7	4.5	13.5	13	7.5	6.5	6	10.5	7.5	8.3
18.5	15	21	18	20	15.5	10	5.5	8	5	4	2	10.4
16	17	15	14	12.5	9	13.5	12.5	13	3.5	1.5	2	8.8
20.5	21.5	19.5	19.5	**28.5**	20.5	15	10.5	10.5	9	4.5	2.5	**11.9**
16.5	19.5	**24**	21	16.5	11.5	10.5	2	5	2	1	2	11.7
14.5	10	8.5	13.5	13.5	15.5	12.5	12	8.5	4.5	4.5	**16**	8.6
20	17	15	11	13.5	9	7	3	2	1.5	1.5	3.5	8.7
6.5	10	8	5	4	9	11	10	9	4.5	3	2.5	6.1
16.5	17	6.5	2	2	4	5	3.5	4.5	9.5	7.5	5.5	7.4
13	**16**	11.5	9	8.5	9.5	2.5	.5	0	0	3.5	3.5	7.8
10	5.5	4.5	8	5.5	4.5	2	1	.2	2	3	2.5	6.2
13.5	13	12.5	11	12	10.5	4.5	1	1	.5	1.5	4	6.2
13.5	7	5.5	7.5	4.5	.5	0	2	.5	1	.5	0	**3.7**
10	12	20	**22**	17.5	12	11	6	5	5	6	7.5	8.2
16.5	16.5	**17.5**	13	10.5	9.5	7	8.5	6	10	10.5	9	8.1
12	12.5	9.5	**16.5**	10	12.5	6.5	10	10	9	9	6.5	7.3
13.9	14.1	15	14.8	14.6	12.8	9.4	7.5	6.6	5.6	4.8	4.6	8.3

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	-----	3	2	1	1	10	2	1	-----	-----	-----	-----	-----	-----	-----	-----	4	246.5	**9.2**	-----
2	-----	4	1	-----	-----	7	1	-----	-----	-----	-----	-----	2	1	-----	2	6	176.5	6.3	-----
3	-----	2	3	-----	2	3	-----	-----	1	-----	-----	4	2	1	-----	-----	6	158	6.8	-----
4	-----	-----	-----	2	5	11	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	4	205	6.9	-----
5	-----	-----	-----	2	1	4	2	-----	2	-----	-----	-----	2	-----	-----	-----	11	122	3.8	1.1
6	1	1	-----	1	2	7	-----	-----	-----	-----	-----	1	3	1	-----	1	6	174.5	5.8	-----
7	-----	-----	2	-----	8	6	-----	-----	-----	-----	-----	-----	-----	2	2	-----	4	201.5	6.5	-----
8	1	-----	1	-----	5	3	7	1	-----	-----	1	-----	2	1	-----	-----	2	253	7	-----
9	-----	-----	-----	3	-----	4	9	-----	-----	-----	-----	1	2	3	-----	-----	2	252	7.5	-----
10	-----	-----	-----	2	-----	7	2	1	-----	-----	1	1	4	1	-----	-----	5	225.5	7.4	-----
11	-----	1	-----	2	1	1	6	1	-----	-----	-----	1	4	1	-----	-----	6	179.5	6.6	-----
12	-----	-----	-----	1	2	1	6	2	-----	-----	1	1	1	1	1	-----	7	203	6.8	-----
13	-----	-----	-----	-----	2	6	4	3	-----	-----	-----	1	-----	1	1	-----	6	225	8	-----
14	-----	-----	-----	-----	2	7	4	6	-----	-----	-----	2	-----	-----	-----	-----	3	219	8.5	-----
15	-----	-----	-----	2	-----	5	2	-----	-----	-----	-----	3	2	-----	2	2	6	198.5	6.7	-----
16	-----	-----	1	4	3	8	5	-----	-----	-----	-----	-----	-----	-----	-----	-----	3	249	7.9	-----
17	-----	1	-----	1	4	-----	-----	-----	3	1	1	1	5	4	-----	-----	3	210	6.7	-----
18	1	3	-----	1	-----	3	-----	-----	1	3	2	4	3	-----	-----	1	2	**286**	5.9	5.1
19	6	3	-----	4	-----	2	-----	-----	-----	1	1	5	-----	-----	-----	2	-----	280.5	5.5	-----
20	-----	1	1	3	1	8	1	-----	-----	-----	-----	1	2	1	-----	1	4	207.5	6.2	-----
21	3	-----	1	2	-----	-----	3	4	2	-----	-----	-----	4	-----	-----	3	2	208.5	5.5	-----
22	1	1	-----	3	-----	8	-----	-----	-----	-----	-----	1	1	1	3	-----	5	145.5	4.1	1.3
23	3	1	3	4	1	-----	-----	-----	-----	-----	-----	-----	3	1	2	-----	6	178.5	1.9	4.3
24	1	6	2	-----	-----	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	8	5	188	2.4	**61.8**
25	-----	-----	-----	-----	2	3	6	7	-----	-----	1	-----	1	-----	-----	-----	4	149.5	**.1**	20.5
26	1	3	-----	-----	5	2	6	-----	-----	-----	-----	-----	-----	1	-----	-----	6	150	4.2	-----
27	4	1	1	1	-----	1	1	-----	1	-----	-----	2	1	1	1	-----	9	**88.5**	3.1	-----
28	-----	1	2	1	-----	5	6	-----	-----	-----	-----	1	1	2	1	-----	4	196	6.3	-----
29	-----	3	1	3	2	7	1	-----	-----	-----	-----	-----	2	2	-----	-----	3	195.5	5.2	-----
30	-----	1	-----	-----	2	9	1	1	-----	-----	-----	1	-----	3	-----	1	5	176	5	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total	22	36	21	43	51	140	77	27	10	5	8	31	47	29	13	21	139	5,948.5	173.8	94.1
Mean	0.7	1.2	0.7	1.4	1.7	**4.7**	2.6	0.9	0.3	**0.2**	0.3	1	1.6	1	0.4	0.7	4.6	198.3	5.8	3.1

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	760. 18	9. 00a.	34. 9	1. 25p.	91	19. 3	757. 15	3. 40p.	21	5. 35a.	**36**	**14. 2**
2	61. 02	8. 00a.	33. 6	3. 45p.	91	19. 3	57. 29	4. 00p.	20. 3	4. 30a.	49	16. 1
3	60. 55	9. 45a.	33. 7	4. 15p.	89	20. 5	56. 80	4. 10p.	21. 3	6. 10a.	53	16. 5
4	59. 90	10. 20a.	33. 6	3. 05p.	84	19. 8	56. 55	3. 35p.	23. 6	2. 20a.	48	16. 4
5	60. 25	9. 15a.	30. 7	8. 55a.	87	21	57. 27	4. 00p.	21. 1	5. 50a.	58	16. 5
6	60. 90	8. 50a.	32. 5	4. 10p.	89	20	57. 36	4. 00p.	22. 3	6. 10a.	55	16
7	60. 80	9. 30a.	34. 5	2. 50p.	88	19. 2	57. 05	3. 30p.	20. 7	5. 25a.	43	15. 7
8	60. 36	9. 00a.	33. 8	1. 50p.	94	19. 5	56. 59	5. 00p.	20. 4	6. 05a.	51. 5	16. 3
9	60. 45	8. 45a.	33. 8	3. 10p.	94	19. 7	56. 54	4. 00p.	**20. 1**	6. 00a.	45	16. 4
10	60. 34	9. 00a.	34. 6	3. 30p.	88	19	56. 25	4. 20p.	21. 4	5. 30a.	46	16. 7
11	59. 90	8. 55a.	34. 6	2. 30p.	90	22. 2	56. 78	4. 00p.	22. 7	6. 00a.	45	17. 8
12	59. 75	9. 25a.	33. 9	2. 05p.	90	20. 5	56. 80	4. 25p.	22. 1	6. 10a.	50	17. 1
13	60. 35	8. 40a.	34. 2	2. 35p.	**82**	20	57. 45	4. 10p.	21. 7	6. 00a.	48	15. 8
14	60. 75	10. 55p.	35	3. 45p.	85. 5	**18. 5**	57. 70	4. 15p.	21. 4	6. 10a.	39	15. 6
15	**61. 70**	9. 45a.	33. 7	1. 45p.	84	21. 4	**58. 90**	4. 20p.	21. 4	5. 25a.	55	15. 9
16	60. 65	9. 10a.	**35. 2**	1. 35p.	88	20. 1	57. 50	3. 35p.	22. 3	5. 45a.	44	16. 3
17	60. 10	8. 05a.	34. 2	3. 50p.	88	20. 7	55. 85	4. 10p.	21. 7	5. 50a.	50	16. 8
18	58. 60	0. 05a.	34. 2	3. 25p.	92	**25. 2**	54. 60	3. 45p.	24	5. 55a.	57	19. 5
19	58. 30	8. 40a.	32. 6	10. 50a.	94	23. 2	**54. 55**	4. 40p.	24. 8	5. 45a.	59	19. 4
20	58. 75	9. 10a.	35	2. 30p.	90	22. 2	54. 90	4. 10p.	**24. 9**	5. 15a.	52. 5	19. 4
21	**58. 25**	8. 30a.	33. 7	1. 20p.	89	22. 8	55. 10	3. 50p.	24	5. 50a.	59	19. 2
22	58. 38	9. 00a.	33. 3	3. 40p.	92	22. 4	55. 05	3. 30p.	24. 6	12m. n.	60	18. 3
23	58. 55	8. 40a.	33. 1	0. 45a.	95	24. 4	55. 15	3. 35p.	23. 4	3. 55a.	62	18. 3
24	58. 50	9. 50p.	**25**	1. 25p.	98	21. 6	56. 20	3. 20a.	22. 4	6. 45p.	**92**	20. 1
25	59. 90	10. 00p.	28. 1	10. 30a.	**99**	23. 3	57. 20	3. 00a.	22. 6	3. 30a.	85	**20. 6**
26	60. 30	8. 45a.	34. 2	1. 50p.	97	22. 5	57. 45	2. 35p.	22. 3	5. 40a.	56	18. 9
27	61. 10	9. 05a.	33. 5	2. 40p.	96	23. 4	57. 85	3. 25p.	23. 6	3. 55a.	65	20
28	60. 80	9. 25a.	34	2. 20p.	94	21. 9	57. 54	4. 00a.	23. 2	5. 30a.	50	16. 4
29	61. 03	9. 00a.	34. 4	1. 05p.	84	22. 1	58. 35	4. 35p.	22	5. 35a.	54	17
30	61. 03	9. 00a.	34. 1	2. 05p.	89	21	57. 80	4. 15p.	22. 4	5. 45a.	50. 5	18. 3
Mean	760. 05	--------	33. 4	--------	90. 4	21. 2	756. 72	--------	22. 3	--------	53. 9	17. 4

DAILY GENERAL REMARKS.

1----≡° a.; gusty SE winds in the afternoon.
2----Somewhat gusty ESE winds in the evening.
3----≡° a.; d° somewhat gusty NNE winds in the afternoon.
4----≡° a.; p° at noon; coloration of clouds at sunset.
5----d in the afternoon.
6----d° in the afternoon.
7----≡° a. p.; somewhat gusty E winds in the afternoon.
8----≡° a. p.; somewhat gusty SEly winds in the afternoon.
9----≡° a.; gusty SE winds in the afternoon.
10----≡° a.
11----Gusty SE winds, T° NNE in the afternoon; <° NNW in the evening.
12----Gusty SEly winds in the afternoon; <° NNW and N in the evening.
13----Gusty SEly winds in the afternoon.
14----≡° a.; gusty SEly winds in the afternoon.
15----≡° a.; <° NW and SE in the evening.
16----≡° a. p.
17----≡° a.
18----≡° a.; gusty WSW winds in the afternoon; ● at night.
19----≡° a.; ⊕ p.; ⌈<° NE, ⌈< SSE, < N and E in the evening.
20----≡°, d° in the morning; ⌈<° E, ⌈< N in the afternoon.
21----≡° a.; ⌈<° NE quad.; ○° in the afternoon.
22----≡° a.; p^2, convergence of Ci. toward N in the afternoon; ⌣, <° WSW in the evening.
23----≡°, convergence of Ci. toward SSW in the morning; ●, ⌈< NW in the afternoon; <° W quad. in the evening.
24----● almost all day long; ●^{2} in the evening.
25----● in the early morning; frequent d in the morning and afternoon.
26----⌓ a.; gusty SE winds, d°, ⌈< various points in the afternoon.
27----⌈<° NE, N and S in the afternoon.
28----⌓°, ≡° a.; gusty SE winds in the afternoon.
29----⌈< NE in the afternoon.
30----⌓ a.; <° NNW in the evening.

OBSERVATIONS FOR MAY, 1910.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.25	59.05	58.95	59.10	59.30	59.64	60.15	**60.64**	60.63	60.39	60.06	59.41
2	58.90	58.35	58.30	58.55	58.60	58.95	59.50	**59.75**	59.38	59.37	58.76	58.19
3	58.50	58.30	57.95	58.10	58.20	58.45	59	59.47	**59.49**	59.27	58.91	58.37
4	58.95	58.70	58.10	58.25	58.70	58.97	59.48	**59.54**	59.28	59.13	58.74	58.14
5	58.80	58.30	57.95	57.90	58.10	58.55	58.95	**59.35**	59.32	58.92	58.45	57.73
6	57.05	56.75	56.60	56.50	56.60	56.78	57.23	57.39	**57.81**	57.51	56.82	56.45
7	55.05	54.55	54.25	54.20	54.35	54.53	54.99	55.54	55.55	55.50	55.29	54.89
8	55.20	54.90	54.65	54.80	55	55.24	55.80	56.40	56.44	56.27	55.97	55.57
9	56.55	56.15	55.80	55.80	55.95	56.45	56.79	57.15	**57.27**	57.17	56.87	56.41
10	56.85	56.70	56.45	56.85	56.85	57.27	57.52	57.72	**57.81**	57.71	57.56	56.96
11	57.25	57.40	57.10	57.25	57.60	57.96	58.17	58.79	**59.06**	59.05	58.97	58.41
12	57.30	57.30	57.10	57.05	57.65	58.02	58.72	58.81	58.76	58.51	58.51	58.22
13	58.35	58	57.80	57.85	57.80	57.86	58.22	58.66	**58.69**	58.29	57.84	57.31
14	57.65	57.45	57.10	57.20	57.50	57.63	58.26	**58.77**	58.57	58.50	58.06	57.35
15	57.80	57.30	57.25	57.35	57.65	57.97	58.77	**59.03**	**59.03**	58.93	58.62	58.09
16	57.95	57.40	57.60	57.85	57.90	58.27	58.93	**59.41**	59.28	59.14	58.95	58.25
17	57.95	57.60	57.60	57.70	57.85	58.18	58.83	**59.07**	58.94	58.86	58.31	58.04
18	58.80	58.15	58	58.20	58.15	58.31	58.69	58.97	59.07	58.89	58.73	58.28
19	58.95	58.50	58.05	58	58.10	58.47	58.92	59.06	59.24	59.30	59.13	58.61
20	59.80	59.25	59.05	59.20	59.45	59.68	60.24	60.44	60.66	60.63	60.23	59.61
21	59.75	59.30	59.30	59.35	59.35	59.69	60.04	60.26	60.46	60.20	59.92	59.67
22	59.55	59.35	59.15	59.20	59.20	59.54	59.55	**59.80**	59.77	59.64	59.17	58.77
23	58.20	57.55	57.05	56.80	56.85	57.30	57.93	58.24	**58.44**	58.22	57.61	57.09
24	57.70	57.30	56.40	56.15	56.25	56.25	56.74	57.33	57.23	56.58	56.48	56.34
25	57.20	57.05	56.20	55.55	56.15	56.53	57.20	57.40	**57.90**	57.89	57.22	56.85
26	57	56.70	56.85	56.55	56.50	57.03	57.29	57.73	**57.94**	57.63	57.14	57.36
27	56.40	56	**55.55**	55.65	55.85	56.31	57.03	57.54	57.81	57.86	57.43	57.05
28	57.20	56.55	56.25	56	**55.90**	56.27	56.60	57.16	57.23	57.23	57.20	56.53
29	57.25	57	**56.95**	**56.95**	57.15	57.71	58.05	58.49	58.88	58.77	58.57	58.17
30	58.70	58.35	58.10	57.95	57.95	58.07	58.55	58.65	59.42	**59.59**	59.32	58.88
31	58.90	58.60	58.25	58.15	58.10	58.34	58.83	59.04	59.22	59.17	58.78	58.03
Mean	57.90	57.54	57.28	57.29	57.44	57.75	58.22	58.57	**58.66**	58.52	58.18	57.71

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.4	24	23.3	23.3	22.9	**22.6**	25.7	27.8	29.2	30.1	29.8	30.6
2	23.6	23.2	23	22.8	**22.3**	22.4	25.4	28.7	29.5	30.3	30.7	31
3	24.4	24	23.6	23.5	23.2	**23.1**	26.3	28.3	29.1	29.8	30.6	30.1
4	23.6	23.2	22.7	22.6	22.6	**22.5**	26.7	28.1	28.4	29.5	30.5	31.3
5	24.7	24.1	23.7	23.2	**23.1**	23.3	25.5	28	30.1	29.8	31.6	32.1
6	25.5	25.4	24.9	24.3	**24.2**	24.4	27.1	28.8	29.8	29.4	30	31.1
7	25.6	27.9	27.9	28	28.2	28.1	28.7	29.8	31	31.2	31.1	**31.3**
8	24.8	23.9	23.9	23.4	**23.1**	23.3	26.5	29.5	31.2	31.7	**32.1**	31.5
9	25.5	25	24.9	24.8	**24**	24.1	26.8	28.4	29.3	29.8	30.1	30.7
10	24.9	24.4	23.9	23.8	**23.6**	23.7	27.2	29.1	30.3	30.6	30.8	31.4
11	26.1	25.7	**25.2**	**25.2**	**25.2**	25.3	28.1	29	31.6	31.4	27.7	31.6
12	25.3	25.2	25	24.6	**24.5**	24.6	27.4	29.1	30.4	30.7	30.7	30.5
13	25.7	25.6	25.4	**25.2**	**25.2**	25.3	27.7	29.5	29.4	30.3	29.8	31.2
14	26	**25.5**	25.6	**25.5**	25.6	25.8	27	29.1	30.3	30	31.5	31.7
15	25.5	25.3	25	24.9	24.4	**24.3**	26.4	29.1	29.9	29.9	31.1	31.5
16	25.3	25	24.9	24.9	**24.8**	24.9	26.6	27.2	29.1	29.2	29.8	30.2
17	25.4	25.2	25	24.8	24.6	**24.5**	26.5	29.1	30.8	31.3	31	31
18	**21.7**	24.3	24.4	23.4	24.7	24	26.6	28.4	29	29.7	30.3	30.4
19	24.6	24.3	24.2	24.1	**23.9**	24	27.1	29.3	29.7	30.6	31.5	31.8
20	24.4	24.4	24.3	24.1	**24**	24.4	24.5	27.3	28.4	29	29.8	30
21	24.5	24.4	24.3	23.9	**23.8**	23.9	25.9	28.7	29.3	30.2	31.1	**32.9**
22	25.3	25.1	24.3	24	**23.8**	24	25.2	27.4	29.1	30.8	30.7	30.8
23	24.8	24.6	24.4	**24.3**	**24.3**	24.5	27.2	29.5	31.1	31.4	31.1	31.9
24	26	25.2	**24.1**	24.2	24.2	24.3	25.4	27.2	29.2	**30.5**	29.7	27.7
25	24.8	24.8	24.3	24.1	**24**	24.3	25.3	24.8	25.1	26.4	27	27.7
26	25.8	25.8	**24.7**	25.6	26.4	25.3	25.4	25	25.4	26.5	26.4	26.7
27	25	**24.6**	25.3	25.6	25.4	25.8	**24.6**	25.7	24.9	25.3	27.5	**28.4**
28	24.5	24.1	24	24	23.9	24.2	26.8	25.3	25.9	27.1	25.6	25.2
29	23.7	23.5	23.4	23.2	**23.1**	23.3	25.5	28	28.7	28.8	**30.5**	29.9
30	24	23.8	23.5	23.4	**23.3**	23.5	26.3	29.1	27.6	28.9	30.6	31.4
31	24	23.9	23.8	23.5	**23.3**	23.8	26.6	28.6	29.4	29.7	30.6	30.9
Mean	24.8	24.7	24.4	24.3	**24.2**	**24.2**	26.4	28.2	29.1	29.7	30	30.5

ATMOSPHERIC PRESSURE, 700^{mm}+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
58.78	57.96	57.36	**57.22**	57.30	57.51	57.85	58.35	58.70	59.05	59.05	58.95	58.94
57.26	56.80	56.51	**56.25**	56.27	57.12	57.50	58.15	58.60	58.75	58.90	58.55	58.22
57.40	56.45	56.24	**56.01**	56.16	56.57	57.38	58	58.50	58.70	59.15	59.15	58.07
57.45	56.77	56.56	**56.41**	56.80	57.10	57.74	58.50	58.95	59.25	59.30	58.95	58.32
56.96	56.57	56.32	**56.12**	56.35	56.70	57.51	57.80	57.85	58.20	57.90	57.55	57.84
55.60	54.63	54.34	**54.05**	54.35	55.02	55.62	55.95	55.85	56.10	56.15	55.35	56.10
53.85	53.77	**53.27**	53.31	53.71	54.13	54.28	55	55.55	55.85	**55.90**	55.70	**54.71**
55.10	54.60	54.29	**54.08**	54.28	54.67	55.21	55.95	56.45	**56.85**	**56.85**	56.80	55.47
55.77	55.05	54.54	**54.41**	54.50	54.99	55.42	56.25	56.65	57.10	57.15	57.10	56.14
56.26	55.67	55.01	**54.63**	54.85	55.36	55.69	56.35	56.75	57.45	57.60	57.30	56.63
57.36	56.40	56.07	**55.89**	56.12	56.24	56.47	56.90	57.35	57.65	57.75	57.50	57.45
57.36	56.70	56.24	**55.70**	55.89	56.41	57.46	57.75	58.30	**58.85**	58.80	58.55	57.66
56.47	55.67	55.31	**55.15**	55.25	55.50	56.17	56.75	57.50	57.85	58.05	57.80	57.26
56.94	56.12	55.85	55.73	**55.68**	56.09	56.64	57.15	57.25	57.95	57.90	57.75	57.30
57.49	56.84	56.28	**56**	56.08	56.36	56.86	57.30	57.75	58.15	58.35	58.15	57.64
57.59	56.95	56.54	**56.44**	56.87	57.21	57.81	58.15	58.75	58.55	58.40	58.15	58.01
57.29	56.95	**56.53**	56.54	56.60	56.87	57.40	57.70	57.75	58.30	58.25	58.15	57.80
58	57.56	57.14	**57.08**	57.58	57.84	58.17	58.40	58.85	59.25	**59.45**	59.15	58.36
57.97	57.18	57.08	**57.02**	57.14	57.69	58.62	59.05	59.55	**60.50**	**60.50**	60.10	58.61
59.20	58.57	57.92	**57.87**	58.25	58.52	59.30	60.05	60.75	**60.85**	**60.85**	60.45	**59.62**
59.02	58.30	58.14	**57.81**	58.07	58.66	59.05	59.50	59.85	60.20	**60.55**	60.20	59.44
57.97	57.16	56.87	**56.82**	57.06	57.13	57.93	58.55	59	59.20	59	58.80	58.67
56.55	56.27	55.83	**55.77**	56.08	56.58	56.97	57.70	58.05	58.40	58.20	58.10	57.32
55.66	55.67	55.66	**55.62**	55.94	56.59	56.72	57.50	**58.10**	57.90	57.25	57.75	56.71
55.90	55.90	**55.54**	55.62	55.69	55.93	56.35	56.65	57	57.55	57.70	57.40	56.68
57.13	57.03	56.98	56.58	56.11	**56.06**	56.33	56.60	57	57.20	57	56.70	56.94
56.70	56.03	55.83	55.58	55.77	56.48	56.69	57.40	**57.95**	57.90	57.90	57.65	56.76
56.29	56.19	56.21	56.51	56.96	57.54	58.30	58.85	59.30	**59.70**	59.25	57.75	57.21
57.76	57.82	57.95	58.30	58.58	58.43	58.39	59.25	59.70	**59.80**	**59.80**	59.50	58.30
58.06	57.61	**57.49**	57.89	58.33	58.68	58.79	58.70	58.80	59	59.05	59.05	58.54
57.63	57.10	**57.02**	57.27	57.32	57.82	58.26	58.55	58.85	**59.25**	59.20	58.55	58.34
57.06	56.53	56.22	**56.12**	56.32	56.70	57.19	57.70	58.10	58.43	58.42	58.15	57.58

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
29.6	30.2	**32.8**	29.5	30.5	28.2	27.4	26.9	26.2	25.8	25.3	24.3	27.1
31.5	27.7	28.6	29.2	28.5	28	27.8	27.3	27.1	26.4	25.7	25.3	26.9
31.5	**32.5**	29.6	29.7	30.8	29.1	27.9	27.1	26.2	25.4	25.2	24.3	27.3
31.9	30.8	**32.4**	32.2	28.5	28.9	28.2	27	26.5	26.1	25.6	25.4	27.3
33.5	30.5	30.7	31.5	31.7	29.3	28.7	28.1	27	26.4	26	25.6	27.8
30.6	**31.3**	30.5	30.5	29.4	29	29.2	27.3	26.2	25.8	25.6	25.4	27.7
30.7	29.1	29.2	29.2	29.7	29.4	29	28.9	28.7	27.3	25.9	**25.5**	**28.8**
31.7	**32.1**	31.9	30.9	29.9	29.2	28.7	28.7	28.2	26.8	26.6	26	28.2
30.9	**31.4**	31.3	30.9	30.2	28.8	28.3	28.2	28.1	27.9	26.5	25.5	28
31.8	32.2	**32.3**	32.2	31.2	29.3	28.6	28.6	28.1	27.6	27.7	27.1	28.4
32.3	**32.8**	32.3	32.4	31.2	29.2	28.3	27.5	27.1	26.6	25.8	25.6	28.5
31.4	31.7	**32.9**	32.2	31.1	29.5	24.6	25.3	25.5	26.5	26.2	25.9	28
31.9	32.2	32.5	**32.7**	31.4	30.5	28.9	28.4	27.8	27.2	26.9	26.3	28.6
32.3	32.5	**33.5**	29.8	31.8	30.4	28.6	27.7	27.6	27.4	27.2	26.3	28.7
32.2	32.7	**33**	32.8	32.1	30.7	29.9	29.5	28.6	26.8	26.1	25.5	28.6
30.3	**30.9**	**30.9**	30.8	29.8	29.5	28.7	27.3	26.5	26.3	25.8	26.8	27.7
31.5	31.4	31.4	30.8	30.4	29	28.5	28.4	28.2	28.1	27.7	27	28.4
31	**31.2**	**31.2**	31.1	30.5	28.8	28.3	28.1	28.1	28	26.1	24.9	27.7
32.4	32.3	32	31.7	30.9	29.3	26.5	24.9	25.3	25	24.8	24.6	27.7
30.3	**30.6**	**30.6**	30.5	29.4	28.9	28.2	26.3	26.1	25.1	24.7	24.5	27.1
29.9	29.4	28.3	28.5	28.3	27.4	26.4	26.1	26	25.8	25.6	25.6	27.1
31.8	32.7	**32.8**	29.9	27.7	26.2	26.2	26.5	25.3	25.3	25.3	24.9	27.3
32.1	26.8	27.9	28.1	27.6	26.9	26.5	26.8	26	25.6	25.2	24.8	27.2
29.6	29.5	29.1	29.5	26.8	25.4	24.4	24.4	24.6	24.3	24.4	24.8	26.4
28.8	28.7	**29.5**	28.3	27.7	27.2	26.9	26.7	25.8	25.6	24.9	25.5	26.2
26.8	26	25.9	25.8	26	26.9	26.8	**27.1**	27	26.8	26.5	26.6	26.1
26.4	26.2	26.5	27.2	27.3	25.8	25.8	26	25.2	25.4	25.4	24.9	25.8
28.9	24.9	25.3	24.8	25.7	24.8	24.8	24.9	25	24.5	24.1	**23.8**	**25.1**
29.5	28.8	28.2	25.5	26.3	26.2	25	25.9	26.2	24.5	24.3	24.1	26.1
30.2	31	**31.7**	31.2	27.1	26.2	25.3	25.1	24.6	24.4	24.3	24.1	26.7
31.2	28.9	27.8	27.7	27.1	26.4	26	25.7	25.4	25.5	25	24.9	26.7
30.8	30.3	30.4	29.9	29.2	28.2	27.4	27	26.6	26.1	25.7	25.3	27.4

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	83	85	86	84. 5	88	**89**	83	72	66	60	63	62
2	85	85	84	84	86	86	75	72	68	65	**62**	**62**
3	90	90	**91**	89	89	90	79	75	70	67	64	65
4	88	87	91	89	91	**92**	80	70	68	65	63	57
5	87	88	89	90	**91**	90	84	72	67	69	63	61
6	81	83	82	**84**	82	82	80	72	71	73	71	**69**
7	84	82	78	77	78	76	75	76	72. 5	71	72	73
8	90	94	91	94	**95**	93	83	72	67	65	67	70
9	88	91	90	89	**93**	91	81	75	72	69	68	64
10	86	87	**88**	87	87	87	77	71	64	62	62	61
11	82	85	89	89	89	**90**	80	75	68	70	84	64
12	89	90	91	**93**	91. 5	91	79	72	69	67	67	67
13	84	85	86	87	86	**88**	81	71	75	70	73	62. 5
14	85	**88**	85	84	83	86	86	79	70	67	68	66
15	84	86	87. 5	87	87	**88**	83	70	66	69	66	63
16	84	85	86	86	87	87	**88**	85	76	78. 5	75	73. 5
17	86	89	91	**92**	**92**	91	86	76	71	68	**65**	**65**
18	**95**	91	91	93	89	92	87	82	81	82	70	**68**
19	90	91	91	91	91	91	84	77	77	71	66	64
20	95	98	97	98	**99**	97	91	79	77	74	71	73
21	89	90	90	92	**93**	**93**	88. 5	80	79	77	64	**60**
22	92	92	**95**	94	**95**	94	90	83	76	70	72	69
23	90	92	93	**94**	**94**	93	87	78	74	72	64	**63**
24	92	**97**	94	93	93	92	91	88	80	77	73	81. 5
25	92	90	91	91	93	92	89	**94**	**94**	89	84	81
26	87	88	90	**93**	87	**93**	91	**93**	92	88	90	87
27	93	**94**	91	91	93	88	**94**	93	**94**	91	81	**79**
28	94	**97**	**97**	**97**	**97**	**97**	90	93	93	87	93	91
29	97	98	97	**99**	**99**	98	92	84	78	76	**72**	73
30	96	**97**	**97**	**97**	**97**	96	91	76	79	76	71	68
31	**94**	**94**	91	92	93	89	83	78	74. 5	77	74	73
Mean	88. 8	90	90	90. 3	**90.6**	90. 4	84. 8	78. 5	75. 1	73	70. 9	68. 9

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	18. 9	18. 8	18. 3	**18**	18. 2	**18**	20. 4	20	19. 9	19. 2	19. 6	20. 1
2	18. 3	18	17. 6	17. 4	**17. 2**	17. 3	18. 1	21	20. 8	20. 8	20. 4	20. 8
3	20.4	19. 9	19. 8	19. 1	**18. 7**	18. 8	20. 2	21. 5	21	21	20. 9	20. 8
4	19	18. 4	18. 7	**18.2**	18. 6	18. 6	20. 7	19. 7	19. 6	20	20. 3	19. 4
5	20. 2	19. 6	19. 3	19. 1	19. 1	19. 2	20. 5	20. 3	21. 2	21. 6	21. 9	21. 6
6	19. 7	19. 9	19. 1	19	**18.5**	18. 7	21. 2	21. 2	22. 2	22. 2	22. 5	23. 3
7	**20.4**	22. 7	21. 8	21. 5	22. 1	21. 4	22. 1	23. 6	24. 2	24. 1	24. 1	24. 7
8	20. 9	20. 7	20	20. 1	19. 9	**19.8**	21. 4	22. 2	22. 6	22. 5	23. 8	**24.1**
9	21. 3	21. 3	21	20. 7	20. 7	20. 4	21. 2	21. 6	**21.7**	21. 6	21. 6	21
10	20. 1	19. 7	19. 4	19. 1	**18.8**	19	20. 6	21. 2	20. 7	20. 3	20. 5	20. 8
11	20. 7	20. 9	21. 2	21. 2	21. 2	21. 5	22. 6	22. 3	23. 4	**23.8**	23. 3	22. 1
12	21. 4	21. 4	21. 4	21. 4	20. 9	**20.8**	21. 4	21. 6	22. 3	22. 1	21. 8	21. 8
13	20. 7	20. 8	20. 7	20. 7	20. 5	21. 2	22. 3	21. 7	**22.9**	22. 5	22. 8	21. 2
14	21. 1	21. 3	20. 8	20. 5	**20.2**	21. 2	22. 7	**23.7**	22. 3	21. 3	23. 4	22. 9
15	20. 5	20. 6	20. 6	20. 3	**19.7**	19. 9	21. 3	21	20. 7	21. 7	**22.3**	21. 8
16	20. 2	**20**	20. 1	20. 1	20. 2	20. 5	22. 7	22. 8	22. 8	23. 6	23. 5	23. 4
17	**20.7**	21. 2	21. 3	21. 5	21. 2	**20.7**	22	22. 8	23. 4	23	21. 6	21. 6
18	**18.2**	20. 5	20. 6	19. 9	20. 6	20. 4	22. 6	23. 5	24. 1	**25.3**	22. 3	22
19	20. 7	20.5	20. 3	20. 4	**20.1**	20. 3	22. 4	23. 4	**23.7**	23. 1	22. 6	22. 2
20	21. 6	22. 3	22	21. 9	22	22. 2	20. 7	21. 3	22. 3	21. 9	22. 2	**23.1**
21	**20.3**	20. 4	**20.3**	**20.3**	20. 4	20. 6	22	23. 6	23. 8	**24.5**	21. 4	22. 4
22	21. 9	21. 7	21. 4	20. 8	20. 8	20. 8	21. 4	22. 5	22. 7	23	23. 6	22. 9
23	**20.9**	21. 1	21. 2	21. 2	21. 2	21. 3	23. 2	23. 8	**24.8**	24. 7	21. 4	22. 2
24	22.9	23	21	20. 9	20. 9	20. 9	21. 9	23. 6	24	**24.9**	22. 7	22. 4
25	21. 5	20. 9	20. 5	**20.4**	20. 7	20. 9	21. 4	21. 9	22. 3	**22.7**	22. 3	22. 3
26	21. 5	21. 6	**20.8**	22. 5	22. 3	22. 2	21. 9	22	22. 1	22. 6	22. 9	22. 7
27	22	21. 6	21. 8	22. 1	22. 3	21. 6	21. 6	**22.9**	22	21. 8	22	22. 7
28	21. 5	21. 5	21. 6	21. 6	21. 5	21. 8	23. 4	22. 3	23	23. 2	22. 5	21. 6
29	21. 2	21. 1	**20.8**	20. 9	**20.8**	20. 9	22. 2	23. 5	22. 9	22. 4	23. 2	23
30	21. 2	21. 2	20. 7	20. 6	**20.5**	20. 6	23. 2	22. 8	21. 7	22. 5	23. 1	**23.3**
31	20. 8	20. 7	20	19. 8	19. 8	**19.4**	21. 5	22. 7	22. 6	23. 7	**24.3**	24. 2
Mean	20. 7	20. 8	20. 5	20. 4	**20.3**	20. 4	21. 6	22. 2	22. 4	**22.5**	22. 3	22. 2

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
64	67	**59**	68	68	74	72	72	76	77	78	82	74.1
63	76	75	77	80	82	80	81	80	82	84	**87**	77.5
64	**60.5**	70	75	64	69	72	70	76	81	83	85	76.2
57	59	**56**	**56**	75	76	71	72	76	77	81	83	74.2
55	67	67	65	57.5	60.5	63	69	74	76	79	81	73.5
72	71	76	76	76	76	71.5	78	79	81	82	**84**	77.2
74	81	81	84	73	**70**	72	71	73	81	86	**87**	77
68	**63**	69	72	75	74	75	69	71	83	83	87	77.9
62	**60**	63	65	68	72	74.5	74	74	76	81	83	76
57	55	55	**54**	65	69	71	73	75	76	78	81	**72**
57	54.5	55.5	**54**	61	68	73	78.5	81	83	87	88	75.2
64	63	**60**	62	69	73	92	90	89	82.5	84	85	78.3
59	57	**54**	55	61	66	70	72.5	76	79	80	83	73.4
62	61	**57**	72	62	70	73	78	78	78	78	81	74.9
61	59.5	59	58	**57**	65	69	71	72	80	83	82	73
72	72	72	**71**	74	73	**71**	81	85	85	85	80	79.7
67	71	71	70	74	79	80	81	82	83	84	88	79.2
69	69	69	**68**	70	75	77	76	78	82	83	89	80.2
59	**58**	60	64	70	77	82.5	87	88	87.5	**94**	**94**	79.4
71	**70**	**70**	**70**	72	72	77	85.5	86	88	97	89	82.8
69	70	80	76	79	82	84	88	88	90	92	92	82.7
64	**60**	65	69	73	80	81	82	86	88	86	89	81
67	86	79	82	84	88	88	83	89	90	92	92	83.9
76	74	76	**71**	85	88	91	93	92	95	94	92	86.6
75.5	78	**70**	72	76	79	80	81	87	88	93	88	85.3
86	92	89	89	89	84	84	**83**	**83**	84	90	85	88.2
87	88	86	83.5	84	88	87	85	90	87	88	93	88.7
81	92	91	**97**	91	94	91	92	91	95	**97**	**97**	**93.1**
75	77	83	92	84	83	91	84	85	96	95	95	87.6
72	69	66	**62**	78	85	88	90	91	91	92	93	84.1
71	74	76.5	76	81	83	86	90	90	91	93	93	84
67.8	69.5	69.7	71.1	73.4	76.6	78.6	80	82	84.3	86.2	87.4	79.9

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
19.9	21.3	21.8	20.8	**21.9**	20.9	19.5	18.9	19.3	19	18.7	18.6	**19.6**
21.6	21.1	21.7	**23.2**	23	22.9	22.2	21.7	21.2	21.1	20.7	20.8	20.4
22	22	21.5	**23.3**	21.2	20.6	20.2	**18.7**	19.3	19.6	19.7	19.1	20.4
20.1	19.6	20.4	20.1	**21.6**	**22.4**	20.2	19.2	19.5	19.4	19.8	19.9	19.7
21.2	21.8	22.1	**22.2**	20	**18.3**	18.5	19.4	19.6	19.3	19.8	19.7	20.2
23.6	24.3	**24.8**	24.5	23.3	22.7	21.5	21.1	19.8	20.1	20	20.2	21.4
24.2	24.1	24.4	**25.3**	22.7	21.2	21.5	21.1	21.3	21.9	21.4	21	**22.6**
23.6	22.5	**24.1**	23.8	23.4	22.2	21.8	20.1	20.2	21.8	21.5	21.7	21.9
20.7	20.4	21.3	21.5	**21.7**	21.2	21.3	20.9	21	21.1	20.8	**20.1**	21.1
19.9	19.7	19.8	19.3	**21.9**	20.9	20.8	21.2	21.2	21	21.5	21.6	20.4
20.7	20.1	20	**19.4**	20.7	20.5	20.9	21.4	21.5	21.4	21.5	21.4	21.4
21.8	21.9	22.1	22.2	**23.1**	22.4	21.1	21.5	21.7	21.2	21.2	21.2	21.7
20.7	20.5	**19.5**	20.4	20.8	21.4	20.7	20.8	21	21.2	20.9	21.2	21.1
22.4	22.2	22	22.4	21.8	22.4	21.3	21.5	21.3	21.3	21	20.5	21.7
22	21.8	22.2	21.6	20.4	21.2	21.5	21.7	20.9	20.8	20.9	19.9	21.1
23.2	**23.8**	**23.8**	23.4	23.1	22.4	20.9	21.9	21.8	21.6	21.1	20.8	22
23	**24.2**	**24.2**	23	23.7	23.6	23.2	23.3	23.4	23.4	23.3	23.3	**22.6**
22.9	23.2	23.5	22.8	22.8	22	21.9	21.4	22	22.9	20.9	20.9	22
21.4	20.8	21.3	22.3	23.2	23.4	21.2	20.5	21.2	20.6	21.9	21.6	21.6
22.7	23	23	22.6	22.1	21.3	22	21.8	21.7	20.7	**20.2**	20.3	21.9
21.7	21.2	22.7	22	22.5	22.2	21.5	22.1	21.9	22.3	22.4	22.4	21.9
22.2	22.1	**24**	21.6	**20.1**	20.2	20.4	21	20.6	21	20.6	20.9	21.6
23.8	22.6	22.2	23	22.9	23.2	22.6	21.8	22.1	22	21.8	21.5	22.4
23.3	22.6	22.7	21.8	22.2	21.3	**20.8**	21.2	21.2	21.4	21.3	21.5	22.1
22.2	**22.7**	21.3	20.5	20.9	21.2	21.2	21.1	21.5	21.4	21.8	21.4	21.5
22.6	22.9	22.2	22	22.1	22.1	22	22.3	22.1	22	**23.2**	21.9	22.2
22.3	22.2	22.2	22.4	22.5	21.6	21.5	21.3	21.4	**20.9**	21.3	21.8	21.9
24	21.6	21.8	22.5	22.3	21.9	**21.1**	21.6	21.3	21.7	21.5	21.3	22
23	22.6	**23.6**	22.2	21.3	21	21.3	**20.8**	21.6	21.9	21.4	21.1	21.9
23	23	23.2	20.9	20.7	21.6	21	21.3	20.8	20.8	20.9	20.8	21.6
24.1	21.9	21.2	20.9	21.6	21.3	21.5	22.1	21.7	22	22	21.8	21.7
22.3	22.1	22.3	22.1	22	21.7	21.2	21.1	21.1	21.2	21.1	21	21.5

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Ci.-S.	----------	Ci.-S.	SbyW	Ci.-S.	----------	----------	----------	----------	----------	----------	----------
2	A.-Cu.	----------	A.-Cu.	----------	----------	----------	----------	----------	----------	----------	Ci.-Cu.	----------
3	Ci.	----------	A.-S.	----------	----------	----------	Ci.	----------	----------	----------	----------	----------
4	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
5	Ci.-S.	----------	Ci.-S.	----------	Ci.-S.	----------	A.-Cu.	----------	Ci.-S.	----------	Ci.-S.	----------
6	Ci.	E	Ci.	----------	Ci.	----------	A.-Cu.	NE	A.-Cu.	----------	Ci.	----------
7	Ci.	----------	Ci.-S.	----------	Ci.-S.	----------	Ci.	----------	A.-S.	----------	Ci.-S.	----------
8	Ci.	----------	Ci.	----------	Ci.-S.	----------	Ci.-S.	----------	Ci.-S.	E	Ci.-S.	----------
9	Ci.-S.	----------	Ci.	----------	Ci.	----------	Ci.	----------	Ci.	----------	Ci.	----------
10	Ci.-S.	NE	Ci.	----------	Ci.	----------	Ci.	----------	Ci.	NE	Ci.	NE
11	Ci.-S.	----------	Ci.	----------	Ci.	----------	Ci.-S.	----------	----------	----------	----------	----------
12	Ci.-S.	----------	Ci.	----------	Ci.-S.	----------	Ci.	----------	Ci.	----------	Ci.	----------
13	Ci.	----------	Ci.-Cu.	----------	Ci.	----------	----------	----------	----------	----------	Ci.	----------
14	Ci.-S.	----------	Ci.-S.	----------	Ci.-S.	----------	Ci.-S.	----------	Ci.-S.	----------	Ci.-S.	----------
15	----------	----------	Ci.-Cu.	----------	A.-Cu.	E	Ci.-S.	----------	Ci.-Cu.	----------	A.-Cu.	----------
16	Ci.-S.	----------	----------	----------	Ci.	----------	Ci.-S.	----------	Ci.	----------	Ci.	----------
17	Ci.	----------	Ci.	----------	Ci.	----------	Ci.-S.	----------	Ci.	----------	Ci.-S.	----------
18	Ci.	----------	Ci.-S.	----------	----------	----------	----------	----------	----------	----------	----------	----------
19	Ci.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
20	Ci.-S.	----------	Ci.-S.	----------	Ci.-S.	----------	Ci.	----------	Ci.-S.	----------	A.-S.	----------
21	Ci.-S.	----------	Ci.-S.	----------	Ci.	----------	Ci.	----------	Ci.-S.	----------	Ci.-S.	----------
22	Ci.-S.	NE	Ci.-S.	NE	Ci.-S.	NE	Ci.-S.	----------	Ci.-S.	----------	Ci.-S.	----------
23	Ci.-S.	----------	Ci.	----------	Ci.	----------	Ci.	----------	Ci.-S.	----------	Ci.-S.	----------
24	Ci.-S.	----------	----------	----------	Ci.-S.	----------	Ci.-S.	----------	Ci.-S.	----------	Ci.-S.	----------
25	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
26	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
27	----------	----------	----------	----------	----------	----------	----------	----------	Ci.-S.	----------	Ci.-Cu.	----------
28	Ci.-S.	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
29	A.-Cu.	----------	A.-Cu.	----------	A.-Cu.	WbyS	A.-Cu.	----------	Ci.-S.	----------	Ci.-S.	----------
30	Ci.-S.	----------	Ci.-S.	----------	Ci.-S.	----------	Ci.-S.	----------	Ci.	----------	Ci.	----------
31	Ci.-S.	----------	Ci.-S.	----------	Ci.	SE	Ci.	----------	Ci.	----------	Ci.	----------

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	S.-Cu.	----------	Cu.	----------	Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.	----------
2	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	ESE	Cu.	----------
3	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	EbyS	Cu.	EbyS
4	Cu.	----------	Cu.	----------	Cu.	EbyN	Cu.	----------	Cu.	----------	Cu.	----------
5	Cu.	ENE	S.-Cu.	ENE	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------
6	Cu.	----------	Cu.	----------	S.-Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------
7	S.-Cu.	----------	S.-Cu.	----------	Cu.	----------	Cu.	W	Cu.	W	Cu.	----------
8	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------
9	Cu.	----------	Cu.	----------	Cu.	NNW	Cu.	----------	Cu.	----------	Cu.	----------
10	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------
11	Cu.	----------	Cu.	----------	Cu.-N.	----------	Cu.-N.	NNW	Cu.-N.	----------	Cu.-N.	----------
12	S.-Cu.	----------	Cu.	----------	Cu.	----------	Cu.	EbyS	Cu.	EbyS	Cu.	----------
13	S.-Cu.	----------	Cu.	----------	Cu.	E	Cu.	E	Cu.	----------	Cu.	----------
14	Cu.	----------	Cu.	----------	Cu.	----------	N.-cf.	N	Cu.	----------	Cu.	N
15	Cu.-N.	----------	Cu.-N.	----------	Cu.	NE	Cu.-N.	----------	Cu.-N.	----------	Cu.	----------
16	S.-Cu.	NNW	S.-Cu.	NNW	Cu.	----------	S.-Cu.	NNW	Cu.	----------	Cu.	----------
17	Cu.	----------	Cu.	----------	Cu.	NNW	Cu.	----------	Cu.	----------	Cu.	----------
18	Cu.	----------	Cu.	WNW	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------
19	Cu.	----------	Cu.	----------	Cu.	SE	Cu.	----------	Cu.	----------	Cu.	----------
20	Cu.	SW	S.-Cu.	SW	Cu.	----------	Cu.	SW	Cu.	SW	Cu.	----------
21	Cu.	----------	Cu.	----------	Cu.	SE	Cu.	SE	Cu.	SE	Cu.	SE
22	Cu.-N.	----------	Cu.	----------	Cu.	EbyS	Cu.	EbyS	Cu.	EbyS	Cu.	----------
23	Cu.	----------	Cu.	----------	Cu.	SbyE	Cu.	SbyE	Cu.	----------	Cu.	----------
24	S.-Cu.	WSW	Cu.-N.	----------	Cu.-N.	SW	Cu.-N.	----------	N.-cf.	SW	Cu.-N.	----------
25	N.	----------	N.	SWbyW	N.	SWbyW	N.	----------	N.	----------	Fr.-N.	SSW
26	Cu.-N.	W	N.	WbyS	Cu.-N.	WbyS	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.	----------
27	N.	WSW	Fr.-N.	WSW	Fr.-N.	----------	Fr.-N.	WSW	Cu.-N.	----------	Cu.-N.	----------
28	S.-Cu.	WSW	N.	SWbyW	N.-cf.	SWbyW	Fr.-N.	SW	N.	----------	Cu.-N.	----------
29	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.-N.	----------
30	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------
31	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
								Ci.-S.		Ci.-S.	
				Ci.		Ci.				Ci.	
						Ci.-S.		Ci.-S.	SE	Ci.-S.	SE
										Ci.	
Ci.-S.		Ci.-S.		Ci.-S.	SE	Ci.-S.		Ci.-S.		Ci.-S.	
A.-S.		Ci.-S.		Ci.-S.	NE	Ci.-S.	NE	Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.	SW	Ci.	SW	Ci.		Ci.		Ci.	
Ci.		Ci.		Ci.-S.		Ci.-S.	ESE	A.-Cu.	ENE	A.-Cu.	ENE
		A.-Cu.	ESE	A.-Cu.						Ci.-S.	
Ci.		Ci.-S.		Ci.-S.		Ci.-S.				Ci.-S.	
Ci.		Ci.		Ci.		Ci.		A.-Cu.		Ci.-S.	
Ci.-S.		A.-Cu.		A.-Cu.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.						Ci.		Ci.		Ci.-S.	
Ci.-S.		Ci.-S.		A.-Cu.		Ci.-S.				Ci.-S.	
Ci.-S.								Ci.-S.		Ci.-S.	
		Ci.-S.		Ci.-S.		Ci.-S.	NE	Ci.-S.	NE	Ci.	
		Ci.-S.		Ci.-S.		Ci.-S.	NE	Ci.-S.	NE	Ci.-S.	
A.-S.		Ci.-S.	WNW	Ci.-S.	WNW	Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	W	Ci.-S.	W	Ci.-S.	
Ci.-S.	NE	Ci.		Ci.-S.						A.-S.	
Ci.-S.		Ci.-S.		Ci.-S.							
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.			
Ci.-S.				Ci.-S.		Ci.-S.		Ci.-S.			
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.			
Ci.-S.		Ci.-S.		Ci.-S.				Ci.-S.		Ci.-S.	
Ci.		A.-Cu.	SSW	A.-S.		Ci.-S.				A.-S.	
Ci.	SbyE	Ci.	SbyE			Ci.-S.		Ci.-S.			

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.	ESE	Cu.-N.		Cu.-N.	ENE	Cu.-N.		Cu.		Cu.	
Cu.		Cu.-N.	ESE	Cu.	ESE	Cu.		Cu.		Cu.	
Cu.		Cu.-N.	EbyN	Cu.-N.		Cu.	ENE	Cu.		S.-Cu.	
Cu.		Cu.	EbyN	Cu.	EbyN	Cu.		Cu.		S.-Cu.	
Cu.		Cu.		Cu.	NE	Cu.	NE	Cu.		Cu.	
Cu.		Cu.-N.		Cu.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.-N.		Cu.-N.	W	Cu.-N.		S.-Cu.	WbyS	S.-Cu.	WbyS
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.-N.		Cu.-N.		S.-Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.	ESE	Cu.	ESE	Cu.		Cu.		Cu.	
Cu.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
N.-cf.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		S.-Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.-N.		N.-Cf.	NbyW	Cu.-N.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.-N.		Cu.-N.		Cu.-N.		S.-Cu.	SE	S.-Cu.	
Cu.		Cu.	SSE	Cu.-N.		Cu.-N.	SSE	N.-cf.		N.-cf.	
Cu.		Cu.-N.		Cu.		Cu.-N.	W	Cu.-N.	W	Cu.	
Cu.-N.		Cu.-N.	SW	Cu.-N.	SW	Cu.-N.	SW	Cu.-N.	SW	Cu.-N.	SW
Cu.-N.		Fr.-N.	SSW	Cu.-N.	SSW	Cu.-N.		Fr.-N.	SSW	Fr.-N.	
Fr.-N.		Fr.-N.		Fr.-N.	SWbyW	Fr.-N.	SWbyW	Fr.-N.		Fr.-N.	
Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	
Cu.-N.		Cu.-N.	SW	Cu.-N.	SW	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	
Cu.-N.		Cu.-N.		N.-cf.	SW	Fr.-N.	W	Fr.-N.	WSW	S.-Cu.	
Cu.		Cu.		Cu.		Cu. -N.		Cu.-N.		Cu.-N.	
Cu.		Cu.-N.		Cu.-N.	SE	Cu.-N.	SE	Cu.-N.		Cu.-N.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	E	1.5	E by S	0.5	ENE	2	NNE	1.5	N by E	0.5	Calm	--------
2	N	1	N	1	N	1.5	NE	1	E	.5	Calm	--------
3	N by E	2.5	ENE	1.5	NE by N	1.5	NE by N	1.5	NE by E	2	ENE	1
4	Calm	--------	ENE	.5	ENE	.5	ENE	.5	Calm	--------	Calm	--------
5	ENE	.5	Calm	--------	Calm	--------	NE	1	ENE	1	E	1.5
6	Calm	--------	E by S	.5	NE by E	1.5	Calm	--------	Calm	--------	Calm	--------
7	Calm	--------	W by S	6.5	W by S	4.5	W by S	4	WSW	6.5	W	5.5
8	NE	1	ENE	.5	ENE	1	NE	1	NE	1.5	Calm	--------
9	N by W	2	N by W	2.5	N by W	2	N by W	1.5	NNE	1	Calm	--------
10	ESE	1	ENE	2	ENE	1	ENE	1.5	ENE	1.5	E	1
11	E	.5	E	.5	Calm	--------	ENE	1	Calm	--------	Calm	--------
12	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	ENE	1
13	NNE	1.5	NNE	1	NNE	1.5	NNE	1	NNE	1.5	Calm	--------
14	E	.5	Calm	--------	E	.5	Calm	--------	ENE	.5	ENE	.5
15	ENE	1	NE	1	ENE	1.5	NE	1	ENE	1	NE	1
16	ENE	1.5	NNE	2	NNE	1.5	E	.5	E	.5	Calm	--------
17	E	.5	E	.5	N	.5	N	2	Calm	--------	Calm	--------
18	NNE	7	W by S	4	Calm	--------	ESE	1	SSW	1.5	Calm	--------
19	Calm	--------	ENE	.5	ENE	1	ENE	1.5	ENE	1.5	Calm	--------
20	E	1	Calm	--------	ENE	.5	ENE	.5	ENE	.5	Calm	--------
21	E	1.5	NNE	1.5	NNE	2	ENE	1.5	NE	1.5	Calm	--------
22	Calm	--------	E	1	NE	2	NNE	.5	Calm	--------	Calm	--------
23	E	.5	ENE	1	E	.5	E	.5	ENE	1	E	1
24	WSW	2.5	N	1	ENE	2.5	NE	1	NNE	.5	Calm	--------
25	SE	3.5	SE	3.5	SE	3.5	SE	3	SE	1	Calm	--------
26	S	4	SSW	2.5	SW	7.5	SSW	5	S by W	2.5	W by S	4
27	NE	1	ENE	1	SSW	3	SSW	2.5	SSW	.5	SW by S	5.5
28	Calm	--------	ESE	1	Calm	--------	ESE	1.5	SE	2.5	Calm	--------
29	ESE	.5	Calm	--------	ESE	.5	Calm	--------	ESE	.5	ESE	.5
30	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
31	Calm	--------	E	1	ENE	2	ENE	2	ENE	1.5	Calm	--------
Mean	------------	1.2	------------	1.2	------------	1.5	------------	1.3	------------	1.1	------------	0.7

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	WNW	2	Calm	--------	WSW	2	NNW	3	ENE	1.5	Calm	--------
2	W	5.5	W	6	Calm	--------	ENE	1.5	ENE	1	Calm	--------
3	W	4.5	W	3.5	NNE	3.5	Calm	--------	SE	4	SE by S	3.5
4	WNW	4	WSW	4.5	WSW	2	SW	1	SE	5	SE	1
5	NNW	3	SSE	3	S	2	Calm	--------	NNE	2	NE by E	1.5
6	WSW	5	WSW	6	SW by W	6	SW by W	8.5	SW by W	8	WSW	9
7	SW	8	SW	9	SW	4.5	SW	7	W	6	WNW	4
8	WSW	6	WSW	5	SW	4.5	SW	5.5	SW	5	W by S	4
9	WSW	3	WSW	2	WSW	4	WSW	3.5	SW	3	SW	5.5
10	W	3	W by S	5	SSW	2.5	WSW	4	WSW	4	SW	3
11	NE	2	NE	2	WSW	3	W	3	Calm	--------	WSW	2
12	Calm	--------	Calm	--------	WNW	1	WNW	2.5	SW	2.5	WSW	5
13	WSW	2	W	1.5	W	3	W by S	2.5	W by S	.5	SW	1
14	W	5	WSW	5	WSW	1.5	NE	1.5	NE	1	NE	1
15	W	3	W	3	WNW	2	W	2	W by N	2.5	WSW	1.5
16	WSW	4.5	WSW	6.5	SW	4.5	SW by W	6.5	WSW	6	WSW	6.5
17	WSW	4	WSW	4	WSW	4.5	WSW	4	SW	5.5	WSW	7
18	W	1.5	WSW	4.5	WSW	4.5	SW by W	4	SW by W	5.5	SW by W	3.5
19	WSW	4	WSW	6.5	SW by W	7	SW by W	5.5	WSW	5.5	SSW	4
20	SW	4.5	WSW	1.5	WSW	1.5	SW	2.5	SW by S	1.5	SSW	1.5
21	S	2.5	WSW	1.5	SSE	1	SE by S	1.5	SE	2	SE	1
22	Calm	--------	W	2.5	SW	3.5	SW	3	SE	2	E	1.5
23	Calm	--------	SSE	4.5	Calm	--------	SSE	2.5	SE	2.5	SE	1
24	ESE	.5	NW	5	WNW	1.5	SSW	1.5	WSW	8.5	SE	6
25	SSE	3.5	SSE	1.5	S	7	S by W	9	S	4	S by W	4
26	S	6	SSW	4.5	SW	6.5	SSW	3	SSW	1	WSW	7
27	Calm	--------	SW	1	SSW	2.5	SSW	2.5	Calm	--------	S by W	5.5
28	NW	1.5	W	4	NNW	1	W	8.5	NW	3	W	2.5
29	WSW	1.5	W by N	2.5	NW by N	6	WSW	7	WSW	6.5	W	2
30	SSW	3.5	Calm	--------	SSW	1	Calm	--------	E by S	1.5	Calm	--------
31	W by S	3.5	S by W	6.5	SSW	2	Calm	--------	NNE	.5	Calm	--------
Mean	------------	3.1	------------	3.6	------------	3.1	------------	3.4	------------	3.3	------------	3.1

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	---	NW	3.5	WNW	3.5	W	3.5	WNW	3	WNW	3
ENE	0.5	Calm	---	WNW	2.5	WNW	2	WNW	8	WSW	4.5
Calm	---	Calm	---	WSW	2	WSW	2	WNW	3	WNW	2
Calm	---	Calm	---	Calm	---	WSW	1.5	W	5	WNW	5
Calm	---	Calm	---	Calm	---	N	5	NNE	3	NNW	3
Calm	---	NW	2	NW	3.5	W	1.5	W by S	2.5	W	4.5
WSW	5	WSW	11	WSW	10	SW by W	11	SW by W	9	SW	8.5
Calm	---	Calm	---	WSW	2	W	5.5	WSW	6	WSW	5
Calm	---	NE	1.5	Calm	---	W	2	WSW	3	W by S	3
NNE	2.5	N	3	NNW	3.5	N	2	W	3.5	W	2.5
Calm	---	SE	1.5	Calm	---	W by N	1.5	Calm	---	NE	1.5
ENE	1	Calm	---	E by N	1	W	4.5	W	2.5	WSW	1.5
Calm	---	Calm	---	NW	1.5	NW	1.5	WNW	1	WNW	2
Calm	---	Calm	---	Calm	---	W	2	WNW	3	W	3.5
Calm	---	Calm	---	SW by S	1	WSW	3.5	SW	2	WSW	3
Calm	---	Calm	---	Calm	---	S	2	SW	2	WSW	2.5
Calm	---	NNE	1.5	Calm	---	NW	1.5	SW	3.5	WSW	3.5
Calm	---	Calm	---	S	1.5	SW	1.5	W by S	3	WSW	2
Calm	---	ENE	.5	Calm	---	SSW	1	WSW	1	SW by W	3
SW by W	1	Calm	---	Calm	---	W	1.5	WSW	1	WSW	1.5
Calm	---	Calm	---	Calm	---	S	1	SE	1.5	E by S	1
Calm	---	Calm	---	ENE	1	ESE	.5	WSW	1	W	3
Calm	---	Calm	---	ESE	1	Calm	---	ESE	4	E	1
Calm	---	Calm	---	Calm	---	S	1.5	W	2	E	3.5
SW by W	4	SE	1	Calm	---	SSE	1.5	SE	3.5	SE	4.5
SSW	2	SSW	2.5	S	3.5	S	4.5	S by W	4.5	S	3.5
WSW	6	WSW	1.5	SW by W	4	WSW	3.5	W	.5	NW by W	.5
Calm	---	WNW	4	Calm	---	SSE	1.5	WNW	7	W	4.5
ESE	.5	ESE	1	SE	2	SE	2	SE	1.5	Calm	---
SSE	1	SSE	1	SE	1	ESE	.5	ESE	1.5	SE	4
Calm	---	ESE	.5	SW	.5	SW	1	Calm	---	WNW	1.5
---	0.8	---	1.2	---	1.5	---	2.4	---	3	---	3

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		12 m. n.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
ESE	2	ESE	2.5	ESE	2	ESE	2	ESE	1.5	ESE	0.5	1.7
S	2	SSE	1	SE	1	SE	1.5	NNE	2.5	N by E	3	2
SE	1.5	ESE	2	ESE	2	ESE	1.5	ESE	2	Calm	---	2
ESE	1.5	SE	1.5	SE	1	ESE	1	E	.5	Calm	---	1.5
ENE	4.5	Calm	---	Calm	---	Calm	---	Calm	---	Calm	---	1.3
W	10	NNW	4.5	NNE	2	Calm	---	Calm	---	N by E	1	3.2
NW	4	WNW	4	WNW	3.5	N	3.5	NE	2	NE	1	5.8
W	5	W by N	4.5	NW	4	NNW	2.5	N by W	2.5	N by W	2	3.1
SW by W	5	SW	5.5	SW by W	4	WSW	4	E	1.5	E	1	2.5
SW	3	SSW	4	S by W	3.5	Calm	---	SSW	1	Calm	---	2.4
Calm	---	Calm	---	Calm	---	Calm	---	SSE	.5	Calm	---	.8
ESE	1.5	ESE	1	SE	1	S	2	ENE	2	NNE	2	1.3
SW	5	S	3.5	SSE	1	SE	1	Calm	---	ENE	.5	1.4
ENE	1	ENE	1	ENE	1.5	NW by W	2	WNW	1.5	NNE	1	1.4
SW	1.5	SW	1	SSE	1.5	SSE	.5	NE	1	NE	1	1.5
WNW	4	ENE	1.5	SE	2	SE	.5	Calm	---	S	2	2.4
WSW	6	SW	3.5	SW	4	SW	2.5	SW	2	SSE	1.5	2.6
SW	3	WSW	4	WSW	4.5	WSW	4	ENE	2.5	ENE	2	2.7
ESE	1.5	SE	1	ESE	1	W	2	ENE	1.5	Calm	---	2.1
SSW	1.5	SW	.5	E	1.5	E	2	E	2.5	E	2	1.3
SE	2	ESE	1	Calm	---	Calm	---	Calm	---	Calm	---	1
ESE	1	SE	1.5	E	2	E	1	E	1	E	.5	1.2
SE	.5	SW	2	NNW	1	E	1.5	NE	2	WNW	4	1.3
Calm	---	SE	1.5	SE	1	E	1	SE	2.5	SE	3	1.9
S	3	S	2	S	3.5	S	2	SE	1.5	S	3.5	3.1
WSW	7	WSW	5	WSW	3	WNW	1.5	WNW	2.5	W	4	4
SW	5	SSW	4	SW	6	SSW	3	SSW	2	W	1	2.6
W	1.5	WSW	3.5	SW	3.5	SSW	1	SSE	.5	ESE	1	2.2
Calm	---	SSW	1	Calm	---	E	.5	Calm	---	Calm	---	1.5
Calm	---	ENE	1	ENE	1	E	1	Calm	---	SSE	1	.8
Calm	---	Calm	---	Calm	---	Calm	---	Calm	---	Calm	---	.9
---	2.7	---	2.2	---	2	---	1.5	---	1.3	---	1.2	2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	5.5	3.5	3.5	7	3	2.5	0	4.5	5	10	13.5	13
2	2	4	3	4	3.5	4	4	3	3.5	11.5	**19**	17.5
3	6.5	4.5	8	7	4.5	5.5	5	1.5	7.5	5.5	14	12
4	1.5	.5	2.5	2.5	1.5	2.5	2	2	4	10	15	15
5	1	1.5	2	3.5	5.5	5	2.5	1	6	11	**14.5**	12
6	1.5	2.5	4.5	3	1.5	0	1	7	8.5	11	14.5	14
7	1	16.5	16	19.5	20	20.5	22	30.5	33.5	33	**38**	31.5
8	.5	.5	2.5	2	2.5	2.5	1	1.5	12.5	15.5	22.5	21.5
9	7	5	6	6	3	1	2.5	6	5.5	11.5	11.5	12.5
10	1	2.5	2.5	3	3	3.5	4.5	15	20.5	13.5	**21.5**	13.5
11	2	2.5	1	3.5	2.5	3	3	5	4	9	3.5	7.5
12	1.5	1	1	2	1	2	4	4	3	9.5	19	9.5
13	10.5	8	7.5	4.5	4	3	2	2	3.5	8.5	12	**14.5**
14	4	3	1.5	4	1	4.5	3.5	2	3	5	**19**	16.5
15	3	2.5	3	2	3	3.5	3	1	3.5	8.5	8.5	9.5
16	9.5	15	11	5	5	5	1	2	4	6	8	11.5
17	4	3.5	2	3	4	1.5	4	8.5	6.5	8.5	11	10.5
18	23	13	7	6	8	4.5	4	2.5	3.5	5.5	11	10.5
19	5	1	5	5	4.5	3.5	3.5	2.5	3	5	7.5	6.5
20	3.5	.5	2	4	4.5	5.5	9	4.5	3.5	5	9.5	10
21	6	5.5	6	4	3	4	3.5	2	4	4.5	5	9
22	2	1.5	4.5	4	3	.5	2.5	2.5	3.5	3.5	6.5	12
23	3	3.5	5	4	3.5	4.5	1.5	4	6.5	8	12	10.5
24	17.5	5.5	9.5	5.5	3.5	6.5	3	1	1.5	4	6.5	8.5
25	9	14	11	12.5	6	4	8.5	10	3.5	5.5	12.5	12
26	14.5	12.5	**32**	21.5	15.5	15	9.5	14.5	12.5	11.5	16	12.5
27	4.5	1.5	4.5	9	7	9.5	8	8	15	9.5	3.5	3
28	1	4	2	3.5	7	3.5	4	8.5	1.5	6	13.5	19.5
29	1.5	1.5	2	2.5	2.5	4	3	6	7.5	7.5	8	2
30	.5	0	1.5	.5	1	0	.5	5.5	6	4.5	8	**9**
31	0	0	3.5	2.5	4	0	0	0	2	3.5	3	5
Mean	4.9	4.5	5.6	5.4	4.6	4.3	**4**	5.4	6.7	8.7	12.5	12

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	2	3	3	4	5	4	8	7	6	5	4	5	4.7	9	10
2	2	1	2	2	3	4	4	6	7	7	8	7	4.4	7	55
3	5	2	2	4	5	6	6	4	6	6	5	6	4.8	9	20
4	2	2	2	2	4	3	6	8	4	3	8	7	**4.2**	**10**	**45**
5	10	10	9	7	7	9	7	7	7	7	7	7	7.8	8	05
6	8	6	8	8	7	7	8	9	9	9	10	10	8.2	6	10
7	8	9	7	7	7	6	8	7	7	8	9	9	7.7	5	35
8	9	9	9	9	9	9	8	9	9	10	10	10	9.2	6	40
9	8	9	10	8	10	9	9	5	5	5	6	7	7.6	8	40
10	5	8	8	5	4	6	3	3	4	5	6	7	5.3	10	00
11	5	8	8	9	9	8	7	6	5	3	4	5	6.4	8	15
12	6	7	7	8	8	9	9	7	8	5	6	6	7.2	8	35
13	4	5	6	4	6	6	6	3	4	4	7	7	5.2	9	30
14	9	10	8	8	4	6	7	5	6	7	7	7	7	8	05
15	8	5	4	4	4	4	4	5	3	5	5	6	4.8	10	00
16	9	10	8	10	7	6	5	5	6	6	8	8	7.3	7	15
17	4	4	6	7	3	3	3	3	2	4	4	7	**4.2**	10	00
18	4	4	6	6	5	5	4	5	6	6	7	8	5.5	9	50
19	4	4	5	4	3	3	3	5	6	6	7	9	4.9	10	05
20	9	9	9	10	10	10	9	8	8	9	10	6	8.9	7	40
21	5	9	10	8	7	8	7	9	9	9	8	9	8.2	6	05
22	8	7	7	6	5	5	6	8	9	9	9	10	7.4	7	40
23	7	7	9	8	8	8	8	10	10	10	10	10	8.8	5	20
24	10	10	9	9	9	10	10	10	10	10	10	10	9.8	1	40
25	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0	45
26	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
27	10	10	10	10	8	8	10	10	8	7	9	10	9.2	**0**	**00**
28	6	9	10	9	10	10	10	10	10	10	10	10	9.5	0	15
29	4	6	9	9	9	9	9	9	10	10	10	10	8.7	2	30
30	6	7	7	7	5	5	7	5	8	8	10	10	7.1	7	05
31	8	9	9	9	8	8	7	9	10	9	10	10	8.8	6	00
Total														208	55
Mean	**6.6**	7.1	7.3	7.1	6.7	6.9	7	7	7.2	7.2	7.9	**8.2**	7.2	6	44

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-Mdt.	Mean.
14	12.5	11	13	8	6.5	6	10.5	9	6.5	7	3	7.4
16.5	18	9	1.5	6	2.5	4	5	5.5	6.5	6	9.5	7
15	13	13	3	9	12	7.5	8.5	7	7	5	4	7.7
18	15	6.5	8	11	3	4.5	8.5	6	8	6	1	6.4
12.5	14	12	6.5	4.5	10.5	12.5	3	2	2.5	2	1	6.2
19.5	22	27	28.5	**38**	35	24.5	22.5	8.5	4	1.5	.5	12.5
36	35	31.5	33	28	18	20	16.5	12.5	15.5	3	2.5	**22.2**
19.5	19	19.5	20.5	**23**	**23**	21.5	21	14.5	9.5	7	9	12.2
14.5	12	11	16.5	16	19.5	22	**23**	20.5	16.5	8.5	3.5	10.9
16	15	12	10	18	18	14	11	13	4.5	6.5	3.5	10.2
10	6.5	**13**	12.5	9	6	4	5.5	3.5	4	3.5	2	5.2
2.5	6	9	6	15	**20**	13	5	6	9	7	11.5	7
11	11.5	11	12	8	5	12.5	12.5	8	6	3	3.5	7.7
14.5	14.5	8	9	3	2	3	.5	2.5	6	5.5	2.5	5.8
10	12	14	11	**15**	13	8	8.5	11	9.5	4	7.5	7.3
16	17	17.5	23.5	**27**	26	18	4	7	4	3	9	10.6
11.5	13	18	24.5	23.5	**26**	23	21.5	14.5	14.5	8.5	9	11.4
11.5	19	21	25	**28**	23	18	17	20	19	11.5	6.5	13.2
10.5	15.5	18.5	**26.5**	25	20	10	9.5	4.5	11	6	2	8.8
13	8	6	7	7	8	**13**	**13**	5	7	7	6.5	6.8
18	8	2.5	3.5	6	5	4.5	3	3.5	.5	1	1	4.7
9	9	13.5	**17.5**	12	5	5	9	8	6	6.5	2	6.2
10.5	**13**	7.5	4	6	3	4.5	6.5	5	5	6.5	6	6
7.5	7.5	15.5	14.5	15	**31**	6	5	7	4	7.5	10.5	8.5
16.5	11.5	**23**	20.5	13.5	17	14	8	14.5	10	6	10.5	11.4
15	12	20	17.5	7	28	28	10	18	5	8.5	14	15.4
2	3	3.5	4.5	6.5	10	**16.5**	13	14.5	12	9	7	7.7
5.5	**28**	16	23.5	27.5	7.5	9.5	11	10	7	1.5	3.5	9.4
3	6	14	**28**	21.5	11.5	0	5.5	5.5	2	.5	.5	6.1
8	4	3.5	7	3	.5	1	1.5	1	.5	0	1	**2.8**
11.5	**15**	11.5	3.5	2	1.5	0	0	0	0	0	0	2.9
12.9	13.4	13.5	14.2	**14.3**	13.5	11.2	9.6	8.6	7.2	5.1	5	8.6

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1		2		2	1	7						1	1	4	1	1	4	178	4.6	
2	3	2	1	3	1		2	1	1			1	2	3			4	169	3.6	
3		2	2	3		4	2	1				2	2	2			4	185.5	4.6	
4				3	1	2	4				1	3	1	2			7	154.5	5.1	
5	1	2	1	4	1			1	1							2	11	148.5	4.8	
6		2		1		1						6	4		2	1	7	300.5	5	
7	1		2								5	6	5	3	1		1	**533.5**	4.7	
8	2		3	2							3	5	3	1	1	1	3	292	5.7	
9	4	1	1		2						3	8	2				3	261	5.5	
10	2	1		4	1	1				4	2	2	4			1	2	245.5	6	
11			3	1	2		1	1				2	1	1			12	126	4.1	0.8
12		1		3	1	2	1		1		1	2	2	2			8	167.5	3.8	
13		5		1			1	1	1		2	1	4	2	2		4	184	4.8	
14		1	3	5	2							2	3	2	1		5	138	4.2	
15			5	3				2			4	3	3	2			2	174.5	4.6	6.3
16		2		2	2		2		2		2	6		1			5	255	3.7	4.2
17	2	1			2			1			6	7			1		4	274.5	4.2	
18		1		2		1			1	1	2	9	3				4	318	4.6	**50.8**
19				6		2	1			2		7	1				5	211	4	2.4
20				3	5					2	4	5	1				4	162	3	7.8
21		2	1	1	1	2	4	2	2			1					8	113	2.5	
22		1	1	1	6	2	2				2	1	2				6	148.5	5.8	2
23			1	2	6	2	3	2			1			1		1	5	143.5	2	5.6
24	1	1	1	1	2	1	5		1	1		2	1	1	1		5	203.5	1.7	4.9
25							9	3	7	2		1					2	273.5	1.8	7.3
26									5	9	2	4	2	2				370.5	**.6**	32.4
27			1	1						9	4	4	2		1		2	184.5	**.6**	21.9
28						3	1	2		1	1	1	5	2	2	1	5	224.5	**.6**	43.7
29					1	6	3			1		3	1	1		1	7	146	1.6	1.3
30				2	1	3	2	3		2							11	**68**	2.6	1.1
31		1		3	1	1				2	2		1	1			12	68.5	2.5	
Total Mean	16 0.5	28 0.9	26 0.8	59 1.9	39 1.3	40 1.3	43 1.4	20 0.6	22 0.7	36 1.2	47 1.5	95 3.1	56 1.8	33 1.1	13 0.4	9 **0.3**	162 **5.2**	6,422.5 207.2	112.9 3.6	192.5 6.2

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	760. 70	8. 15a.	34. 1	3. 05p.	89	21. 9	757. 22	4. 00p.	22. 5	5. 45a.	59	18
2	60. 05	8. 25a.	33. 5	1. 45p.	87	23. 2	56. 15	4. 15p.	22. 3	5. 00a.	62	**17. 2**
3	59. 60	8. 25a.	33. 7	2. 10p.	91	23. 3	56	3. 55p.	23	5. 35a.	60. 5	18. 7
4	59. 54	8. 00a.	33. 5	3. 45p.	92	22. 4	56. 35	4. 05p.	22. 4	5. 15a.	56	18. 2
5	59. 45	8. 15a.	**34. 4**	1. 05p.	91	22. 2	56. 10	4. 05p.	23	5. 05a.	55	18. 3
6	57. 85	9. 05a.	32. 7	1. 25p.	**84**	24. 8	53. 95	4. 40p.	23. 1	5. 45a.	69	18. 5
7	**55. 95**	11. 15p.	32	10. 30a.	87	**25. 3**	**53. 15**	3. 35p.	25. 1	0. 05a.	70	20. 4
8	56. 90	10. 45p.	33. 6	2. 20p.	95	24. 1	54. 05	3. 45p.	23	5. 35a.	63	19. 8
9	57. 40	9. 20a.	32. 8	2. 30p.	93	**21. 7**	54. 30	4. 30p.	23. 2	5. 40a.	60	20. 1
10	57. 90	8. 40a.	33. 5	3. 40p.	88	21. 9	54. 60	4. 05p.	23. 5	5. 30a.	**54**	18. 8
11	59. 20	10. 25a.	33. 5	2. 10p.	90	23. 8	55. 80	3. 50p.	24. 7	5. 30a.	**54**	19. 4
12	58. 95	10. 05p.	**34. 4**	1. 40p.	93	23. 1	55. 50	4. 25p.	24. 4	5. 05a.	60	20. 8
13	58. 75	8. 30a.	34	4. 40p.	88	22. 9	55. 10	4. 20p.	24. 5	4. 30a.	**54**	19. 5
14	58. 85	8. 15a.	34. 2	3. 05p.	88	23. 7	55. 60	4. 45p.	**25. 3**	5. 20a.	57	20. 2
15	59. 15	8. 40a.	34. 1	3. 30p.	88	22. 3	55. 90	4. 15p.	24. 2	5. 35a.	57	19. 7
16	59. 50	8. 15a.	32	2. 40p.	88	23. 8	56. 40	4. 10p.	24. 7	5. 10a.	71	20
17	59. 10	8. 10a.	32. 4	2. 55p.	92	24. 2	56. 50	3. 15p.	24. 3	5. 30a.	65	20. 7
18	59. 50	10. 35p.	32. 5	1. 40p.	95	**25. 3**	57	3. 45p.	**21**	1. 05a.	68	18. 2
19	60. 65	10. 10p.	33. 4	1. 30p.	94	23. 7	56. 90	3. 30p.	23. 8	5. 35a.	58	20. 1
20	**61. 10**	9. 20p.	32	1. 30p.	**99**	23. 1	57. 80	3. 15p.	24	5. 00a.	70	20. 2
21	60. 65	10. 40p.	33. 3	0. 05p.	93	24. 5	**57. 81**	4. 00p.	23. 7	5. 15a.	60	20. 3
22	60. 15	0. 05a.	**34. 4**	2. 35p.	95	24	56. 60	3. 35p.	23. 7	5. 40a.	60	20. 1
23	58. 75	0. 15a.	32. 8	0. 20p.	94	24. 8	55. 70	4. 15p.	24. 1	5. 35a.	63	20. 9
24	58. 15	0. 05a.	31. 5	10. 15a.	97	24. 9	55. 40	2. 45p.	23. 7	2. 40a.	71	20. 8
25	57. 95	8. 50a.	30. 2	2. 45p.	94	22. 7	55. 50	5. 45p.	24	5. 00a.	70	20. 4
26	58	8. 50a.	**27. 3**	8. 10p.	93	23. 2	55. 95	5. 45p.	24. 5	3. 05a.	**83**	20. 8
27	57. 95	9. 00p.	29. 3	0. 10p.	94	22. 9	55. 40	3. 20a.	23. 8	2. 05a.	79	20. 9
28	59. 75	9. 55p.	29. 2	1. 05p.	97	24	55. 75	4. 30a.	23. 6	4. 40a.	81	**21. 1**
29	59. 85	10. 35p.	31. 3	10. 45a.	**99**	23. 6	56. 90	3. 30a.	23	4. 30a.	72	20. 8
30	59. 59	10. 00a.	33. 1	0. 35p.	97	23. 3	57. 40	3. 40p.	23. 1	5. 35a.	62	20. 5
31	59. 40	10. 10p.	33	1. 35p.	94	24. 3	56. 65	2. 45p.	23. 2	5. 20a.	71	19. 4
Mean	759. 04	--------	32. 6	--------	92. 2	23. 5	755. 92	--------	23. 6	--------	64. 3	19. 8

DAILY GENERAL REMARKS.

1----≡°, convergence of Ci. toward WSW early in the morning; d° in the afternoon.

2----≡, somewhat gusty WNW winds in the morning; T°NE, d° in the afternoon.

3----[< NE quad. in the afternoon.

4----⌓ a.; ●°, ⌒ in the afternoon; coloration of clouds at sunset.

5----≡ a.; coloration of upper clouds at sunset; <° NW in the evening.

6----≡° a.; gusty SWly winds during the afternoon; intense coloration of upper clouds at sunset; [< NE quad. in the evening.

7----Gusty SW and WSW winds at intervals; [< NE quad. in the afternoon.

8----≡ a.; somewhat gusty WSW winds in the forenoon and afternoon, ◯ p.; intense coloration of clouds at sunset.

9----Cirrus extended from SSE to NNW in the afternoon.

10----⌓ a.

11----≡°, ⌓, p in the morning.

12----≡ a.; [< NE in the evening.

13----≡°, [<° NE 3.30p.; <° N in the evening.

14----⌓ a.; [< NE quad. in the afternoon.

15----≡°, ⌒², ●° in the morning; < NE quad. in the evening; ● at night.

16----● in the early morning; [<° E quad. in the evening.

17----⌓ a.; somewhat gusty WSW winds in the evening.

18----●² in the early morning; ≡ a.; [<° N quad.; convergence of Ci. toward NE in the evening.

19----⌓, ≡ a.; convergence of Ci. toward S in the afternoon; ● at night.

20----[< NE quad., ● in the morning; [<° SE and ENE in the afternoon; ⌒, <° NNW, ● in the evening.

21----⌓, ≡°, ◯° a.; [< various points in the afternoon.

22----≡° a.; [< E and S quad., p° in the afternoon; ● at night.

23----⌓ a.; thundershowers in the afternoon; [< NE in the evening.

24----● in the early morning, in the forenoon and night; ≡°, ◯° a., [<° NE and SE quad. during the afternoon.

25----≡ a.; frequent ● and d; somewhat gusty Sly winds in the afternoon.

26----Rainy weather with gusty SWly winds, especially in the early morning.

27----Frequent ●, especially in the morning and at night; ⌒ p.

28----Rainy weather; ≡, ⌒°, [< W, gusty WNW winds in the morning; [< NE quad. in the afternoon.

29----≡°, T° W, ◯ in the morning; ● in the afternoon.

30----≡ a.; ⌒°, [< various points, ● in the afternoon.

31----≡° a.; ●°, T S and NE quad. in the afternoon.

OBSERVATIONS FOR JUNE, 1910.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	58.35	57.85	57.65	57.35	57.65	58.35	58.78	58.57	58.68	58.76	58.29	57.69
2	58.35	58.05	57.75	57.70	57.70	57.92	58.10	58.22	58.57	58.51	58.07	57.36
3	58.20	57.65	57.25	57.20	57.50	57.72	58.23	58.34	**58.38**	58.19	57.83	57.41
4	56.95	56.85	56.60	56.70	56.70	57.14	57.59	57.74	57.76	57.51	57.08	56.62
5	57.20	**56.85**	56.90	56.90	57.15	57.63	57.80	58.18	58.64	58.72	58.33	58.25
6	58.75	58.60	58.40	58.45	58.90	59.21	59.67	59.82	59.81	**59.83**	59.38	59.08
7	59.15	59.05	58.90	58.85	58.95	59	59.25	59.52	59.66	59.63	59.49	59.07
8	**59.55**	59.25	59.05	58.85	58.95	59.12	59.43	59.46	59.39	59.27	59.17	58.85
9	59.40	59	58.80	58.75	59.05	59.18	59.54	**59.67**	59.36	59.12	58.71	58.17
10	59	58.75	58.90	58.85	58.95	59.19	59.78	59.81	59.72	59.65	59.27	59.06
11	59.60	59.55	59.60	59.55	59.55	60.11	60.37	60.64	60.61	60.51	60.33	60.16
12	60.05	59.75	59.80	59.85	59.90	59.95	60.30	60.45	**60.92**	60.84	60.53	60.44
13	**60.15**	59.55	59.20	59.15	59.05	59.50	59.60	59.66	59.62	59.44	59.08	58.58
14	59.15	58.70	58.75	58.70	58.85	58.80	59.10	**59.69**	**59.69**	59.42	58.98	58.62
15	58.30	58.35	58.30	58.70	59.05	59.47	**59.83**	59.82	59.64	59.72	59.48	59.01
16	58.35	58.20	58	58.15	58.20	58.68	58.73	58.73	59.24	59.29	58.91	58.82
17	58.50	58.35	58.30	58.25	58.45	58.65	58.85	59.23	**59.39**	59.28	58.87	58.30
18	58.55	57.95	57.70	57.45	57.35	57.91	58.41	58.44	58.84	58.86	58.47	58.22
19	58.30	57.80	58	58	58.05	58.35	58.85	59.17	**59.24**	59.10	58.89	58.77
20	58.30	58.20	57.90	58.05	58.10	58.28	58.59	58.60	58.57	58.49	58.06	57.66
21	57.70	57.35	57.15	57	57.25	57.97	58.30	58.55	58.42	58.22	58.13	57.87
22	59	58.80	58.80	58.65	58.65	59.02	59.12	59.33	**59.70**	59.58	59.37	59.12
23	58.05	57.75	57.40	57.05	57.45	57.57	58.13	58.15	**58.54**	58.47	58.23	57.91
24	57.20	56.90	56.85	56.75	56.70	56.86	57.28	57.50	57.67	57.54	57.33	56.96
25	56.85	56.75	56.55	56.40	56.55	56.87	56.94	57.50	57.77	57.65	57.59	57.37
26	57.60	57.20	56.90	57	57.05	57.13	57.54	57.64	57.37	57.13	56.97	56.42
27	57.10	56.70	56.50	56.20	56.45	56.65	57.20	57.57	57.75	57.56	57.32	56.91
28	56.60	56.70	56.80	56.90	57.10	57.19	57.55	57.72	57.74	57.57	57.26	56.87
29	57.60	57.35	57.40	57.40	57.40	57.54	57.63	57.54	57.60	57.52	57.21	56.83
30	**58.25**	57.55	57	56.75	56.95	57.21	57.49	57.75	57.84	58.08	57.99	57.54
Mean	58.34	58.04	57.90	57.85	57.99	58.27	58.60	58.77	58.87	58.78	58.49	58.13

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.6	24.4	24.3	23.9	**23.8**	23.9	27.7	28.7	30.3	29.4	30.2	31
2	25.1	24.7	24.5	24.2	**23.9**	24	27.1	29.7	31	31.7	31.9	32.4
3	24.8	25	24.9	24.4	**24.3**	**24.3**	26.1	28.8	28.7	28.7	30.6	31
4	24.9	24.7	24.6	24.4	24.1	**23.8**	26.8	29.2	29.3	30	29	29.5
5	24.6	24.5	24.3	24.4	24	**23.8**	26.5	27.8	30.5	32.3	**33**	32.6
6	25.1	25.1	24.5	24.4	**24.2**	24.4	26.4	28.6	29.9	29.7	30.6	30.3
7	26	25.1	24.3	23.9	**23.5**	23.7	27.2	29	29.9	30.3	30.5	30.7
8	25.3	24.7	24.3	**23.9**	**23.9**	24.3	26.6	29.6	29.7	30.3	30.2	31.1
9	25.5	25.1	25.1	24.4	23.6	**23.3**	24.7	27.4	30.5	30.3	31.6	31.2
10	25.6	25.4	25.1	24.9	**24.4**	24.8	27.3	29.1	30.5	31.6	32.4	32.8
11	25.4	25	24.4	24.2	**24.1**	**24.1**	26.9	29.8	31.3	31	29.4	28.8
12	25.1	24.8	24.8	24.7	24.5	24.6	27.4	29.1	**29.7**	27.8	**29.7**	25.9
13	24	23.6	23.2	23.3	**23**	**23**	25.9	28.7	29.9	29.8	29.6	28.8
14	25.2	24.8	24.5	24.6	**24.2**	24.3	27.4	29.2	28.9	31.2	32	32.3
15	26.1	25.9	24.7	24.3	**24**	24.3	25.2	28.7	30.4	30.4	31.3	32
16	26	24.6	24.5	23.9	**23.7**	24.2	27.7	29.2	**31**	29.8	29.5	28.2
17	24.2	23.5	**23.4**	23.6	23.6	23.7	26.3	27.4	29.6	30.8	30.7	31.7
18	23.2	22.8	22.7	22.5	**22.3**	22.7	26.2	28.4	30.7	30.9	31.3	30.4
19	24.6	24.4	24.4	24.1	**23.8**	**23.8**	25.5	27.8	29.8	30.9	**31.4**	28.4
20	24.5	24	23.6	23.6	**23.5**	23.6	25	27.5	29.9	30.5	29.8	29.2
21	25.3	25.1	24.1	24	**23.6**	24.1	26.4	27.6	29.9	30	31	31.9
22	25	24.9	24.7	24.6	24.5	**24.4**	25.6	26.5	26.8	27.9	29	29.1
23	23.7	23.6	23.5	23.4	**23.1**	**23.1**	25.1	27.2	28.8	**30.5**	29.7	28.5
24	24.2	24.3	24.1	23.6	**23.5**	23.6	25.3	27	28.6	29.5	29.5	29.8
25	24.2	**23.9**	**23.9**	**23.9**	**23.9**	**23.9**	24.9	25.5	26.8	27.5	28.4	29.1
26	23.7	23.5	23.1	22.7	**22.5**	22.6	25.5	27.5	28.9	28.7	30.8	30.2
27	25.3	24.6	24.4	24.2	**24**	24.3	25.6	26.4	27.6	29.2	**29.9**	29.2
28	24.2	24.3	24.5	24.5	24.5	24.5	25.6	26.8	27.9	29.5	29.4	30
29	23.5	23.3	23.2	22.9	**22.7**	23	25.7	26.9	29.1	30.2	31.2	30.5
30	24.2	23.8	23.5	**23.3**	23.6	23.8	25.6	28.7	29.7	29.5	29.3	29.8
Mean	24.8	24.4	24.2	24	**23.7**	23.9	26.2	28.1	29.5	30	30.4	30.2

ATMOSPHERIC PRESSURE, $700^{mm}+$.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57.22	56.75	**56.26**	56.47	56.57	56.95	57.53	58.25	58.50	58.85	**59.05**	58.75	57.88
56.72	56.09	**55.79**	55.94	55.85	56.33	57.36	58.25	58.55	**59.05**	**59.05**	58.65	57.66
56.76	56.09	55.49	**55.37**	55.66	56.23	56.61	57.15	58	58.15	58.05	57.40	57.29
56.14	55.46	54.96	**54.82**	55	55.92	56.37	56.95	57.40	57.85	**57.95**	57.65	**56.74**
57.79	57.49	57.09	56.90	57.25	57.70	57.99	58.60	58.60	58.90	**59.20**	59.05	57.88
58.26	57.91	57.20	**57.16**	57.32	57.71	58.42	58.95	59.20	59.60	59.75	59.45	58.78
58.30	57.91	57.50	**57.31**	57.44	57.89	58.30	59.05	59.35	59.65	**59.85**	59.75	58.87
58.52	57.86	57.46	**57.21**	57.24	57.71	58.31	58.90	59.15	59.15	59.30	59.40	58.77
57.55	56.89	**56.44**	56.45	56.73	57.20	57.96	58.80	59.05	59.30	59.40	59.25	58.49
58.80	58.10	57.81	**57.60**	57.70	58.13	58.78	59.40	59.65	59.80	**59.90**	59.85	59.02
60.08	59.35	**58.87**	58.90	59.14	59.61	60.35	**60.85**	60.80	60.70	60.40	60.10	59.99
60.02	60.39	59.90	59.58	**59.50**	59.82	60.13	60.20	60.30	60.40	60.45	60.40	**60.16**
58.17	57.92	**57.40**	57.42	57.84	58.04	58.29	58.55	59.30	59.35	59.40	59.45	58.90
57.99	57.70	57.29	**57.04**	57.25	57.71	57.92	58.50	58.75	59.25	59.05	58.80	58.57
58.35	57.55	57.01	56.73	**56.63**	57.30	57.95	58.75	58.90	59.10	59.05	58.70	58.57
58.06	57.73	**57.26**	57.38	57.31	57.96	58.25	58.55	59	**59.30**	**59.30**	59.05	58.44
58.06	57.69	**57.04**	57.06	57.10	57.81	58.10	58.65	59.05	59.30	59.20	58.80	58.43
57.47	57.14	**56.76**	57.17	57.26	57.66	58.28	58.30	59	**59.25**	59.10	58.80	58.10
57.88	57.22	56.95	**56.70**	56.76	57.52	57.82	58.50	58.75	58.85	59.10	58.95	58.23
57.28	56.67	**56.30**	56.34	56.46	57.05	57.75	57.95	58.45	58.55	**58.75**	58.45	57.87
56.99	56.51	**56.06**	56.20	56.45	57.12	57.67	58.05	58.75	59.20	**59.50**	59.40	57.74
58.38	57.62	56.92	**56.90**	57.11	57.37	57.96	58.45	58.65	58.60	58.75	58.50	58.51
57.22	56.40	**55.63**	56.07	56.34	56.59	57.14	57.35	57.50	58.05	57.60	57.55	57.42
56.39	56.24	55.89	55.69	**55.26**	55.46	56.49	57.10	57.15	57.65	**57.80**	57.35	56.83
56.74	56.07	**55.66**	55.94	55.92	56.56	57.29	57.70	57.90	58.35	**58.50**	58.20	57.07
55.76	**55.27**	55.32	55.71	55.98	56.43	56.81	57.05	57.45	57.60	**57.85**	57.40	56.86
56.04	55.81	55.56	**55.31**	55.83	56.21	56.64	57.35	57.70	**57.80**	57.30	56.60	56.75
56.57	**56.19**	56.62	56.26	57.15	57.34	57.39	57.70	57.90	**58.10**	58	57.75	57.21
56.35	55.92	**55.82**	56.07	56.62	57.37	57.59	58	58.30	58.55	**58.75**	58.65	57.38
56.97	**56.45**	**56.45**	56.64	56.84	57.04	57.39	57.70	57.85	58.10	58.05	57.80	57.40
57.56	57.08	56.69	**56.68**	56.85	57.32	57.83	58.32	58.63	58.88	**58.91**	58.66	58.06

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
31.6	31.9	**32.2**	29.6	28.7	28.2	27.6	27.3	27.3	26.5	26.1	25.4	27.7
33.1	33.4	**33.8**	30.1	29.8	29.2	28.8	25.6	25.9	25.2	25.1	25	28.1
31.4	**31.8**	30.7	30.1	29.4	28.1	27	26.4	26.6	26	25.4	25.2	27.7
30.2	**33**	32.7	32.5	31.7	29.5	27.7	26.2	25.9	25.3	25	24.8	27.7
32.7	30	30.4	30.4	31.2	29.6	27.7	27	26.5	26.2	25.7	25.3	28
32.3	31.9	**32.9**	32.7	31.8	30	28.1	27.4	26.9	26.4	26.6	26.2	28.2
31.2	32	**32.1**	31.6	32	30.4	27.9	27.2	26.5	26	26.3	26	28.1
31.5	31.7	31.1	**33.1**	30.7	29.2	28.1	27.1	26.4	25.9	25.6	25.6	27.9
32	32.6	31.8	**33**	32.5	29.7	28.1	26.4	26.1	26	26.1	26	28
31.8	33	**33.1**	32.7	32.4	30.5	28.6	27.8	27.1	26.8	25.7	25.9	**28.7**
29.1	29.7	29.8	29.8	**31.4**	29.5	27.8	26.7	26.3	26.1	25.5	25.6	27.6
26.5	27.1	25.3	25.7	26.3	26.3	25.2	24.9	24.7	24.7	24.4	**24.1**	26
30.4	30.2	30.5	**30.8**	27.5	27.2	26.5	26.2	25.9	25.6	25.5	25.3	26.8
32.6	**33**	31.6	32.7	31.9	30	28.3	27.3	26.8	26.4	26	26.1	28.4
31.9	32.5	33.1	**33.7**	33	29.7	27.9	27	26.5	26.8	26.3	26.2	28.4
30.9	28.4	28.6	29.5	29.4	27.4	25.7	25.3	25.2	25.1	25.1	24.7	27
32.1	**32.5**	32.4	29.5	29.6	29.1	27.4	26.4	25.1	24.6	24	**23.4**	27.3
31.5	31.7	**33.7**	28.2	27	27	26.2	25.6	25.7	25.8	25.2	24.8	26.9
29.8	30	31.3	**31.4**	30.7	28.8	26.9	26.4	26	25.2	24.5	24.6	27.3
30.5	**30.6**	29.5	**30.6**	30.1	28	26.7	26.1	25.8	25.4	25.6	25.4	27
32.7	32.6	31.9	29.8	29	28.2	27	27.1	26.8	26.3	25.6	25	27.7
30	**30.4**	29.7	29.7	29.2	28.3	27.2	26.8	26.1	25.6	24.9	24.4	26.9
26.7	26.3	26.4	26.6	26.3	26.1	25.3	24.7	24.6	24.5	24.5	24.5	**25.7**
30.5	27.2	27.1	28.6	28.6	28.1	26.4	25.9	26	25.9	25.2	24.9	26.6
30.4	**31.3**	30.3	28.2	27.2	25.8	25.3	25	24.8	24.5	24.2	24	26.1
31.4	**32**	29.8	28.5	28	27.3	26.4	26.1	25.7	25.4	25.6	25.2	26.7
29	29.4	29.6	29.3	26.9	25.7	25.3	25.1	24.2	24.1	24.3	24.1	26.3
30.6	28.8	25.8	26	25.5	24.4	24.1	23.8	24	23.7	**23.6**	23.7	25.8
32.1	32	27.2	26.8	25.7	25	24	23.7	24.1	24.3	24.3	24.3	26.1
31	30.1	28.6	26.5	27.7	26.8	26.1	25.6	25.8	25.4	25.3	25.9	26.6
30.9	**30.9**	30.4	29.9	29.4	28.1	26.8	26.1	25.8	25.5	25.2	25.1	27.2

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	94	95	95	**96**	95	95	87	80	77	80	74	73
2	89	91	**91.5**	89	90	88	82	76	68	66	62.5	60
3	91	90	90	91	91	92	92	82	82	79	70	69
4	94	94	96	**97**	93	95	82	74	73	74	80	75
5	87	86	86.5	87	87	89	80	77	68	61.5	**60**	64
6	93	93	**96**	**96**	**96**	95	86	78	73	72	71	77
7	84	89	91	93	**94**	91	76	69	67	65	65	66
8	92	96	96	**97**	**97**	**97**	86	72	69	71.5	68	68
9	87	89	90	**94**	**94**	93	89	77	70	70	64	66
10	90	90	93	95	**97**	95	87	77	74	68	65	60
11	84	87	91	**93**	**93**	**93**	81	70	63	65	72	75
12	88	90	90	91	91	90	84	75	73	82	**72.5**	87
13	96	97	97	97	97	95	86	76	69	69	70.5	82
14	95	97	**98**	94	97	96	85	78	73.5	68	65	63
15	84	85	89	91	**93**	91	90	75	69	68	64	61
16	80	89	90	93	**94**	90	79	69	**63**	73	70	80
17	91	**96**	95	93	95	94	86	79	70	65	64	**60**
18	91	90	89	92	**94**	92	81	72	65	65	64.5	64
19	94	94	94	**96**	**96**	94	92	83	71	65	67	75
20	91	91	93	93	95	**96**	90	79	**66**	70	67	70
21	89	90	91	92	94	**96**	89	84	73	71	66	65
22	88	87	90	91	**91.5**	91	88	82.5	81	79	**72**	74
23	94	95	95	93	**97**	**97**	92	78	72	**65**	71	77
24	93	93	93	**94**	**94**	93	89	84	77	75	75	74
25	97	98	**99**	**99**	**99**	98	95	90	86	84	83	79
26	**98**	97	97	**98**	**98**	97	88	76	76	75	69	71
27	94	96	96	**97**	**97**	96	93	90	84	76	**72**	74
28	93	93	93	96	95	96	95	84	82	75	74.5	**73**
29	**98**	97	**98**	97	97	96	90	86	74	68	68	72
30	97	97	**98**	**98**	97	97	93	83	71	**65**	68	71
Mean	91.2	92.4	93.4	94.1	**94.6**	93.9	87.1	78.5	72.6	71	69.2	70.8

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.6	21.6	21.4	21.1	**20.8**	20.9	23.9	23.5	24.6	24.3	23.7	24.5
2	21.1	21	20.9	19.9	19.8	**19.5**	21.8	23.5	22.7	22.9	21.9	21.9
3	21.1	21.2	21	20.8	**20.5**	20.9	23	24.1	23.9	23.1	23	23.2
4	22	21.8	22	21.9	20.8	20.8	21.4	22.2	22.1	23.4	**23.7**	23
5	19.9	19.6	19.5	19.7	**19.3**	19.4	20.6	21.4	21.9	22.1	22.3	23.5
6	22.1	22.1	21.9	21.7	21.5	21.6	22	22.6	22.7	22.3	23.1	**24.6**
7	21	21.1	20.5	20.5	20.2	**19.9**	20.4	20.7	20.9	20.8	21.1	21.7
8	21.9	22.2	21.6	21.3	21.5	22	22.3	22.3	21.5	**22.9**	21.7	22.8
9	21	21.1	21.3	21.3	20.3	**19.8**	20.6	20.9	22.6	22.3	22.1	22.2
10	22	21.7	22.1	22.2	22.1	22.1	23.4	23.1	**23.9**	23.4	23.6	22.2
11	20.3	20.4	20.8	20.9	20.8	20.8	21.3	21.8	21.4	21.9	21.8	22
12	20.9	20.9	20.9	21	**20.7**	**20.7**	22.9	22.4	22.7	22.8	22.4	21.6
13	21.2	21.1	20.6	20.5	20.2	**19.8**	21.4	22.2	21.5	21.6	21.7	24.1
14	22.6	22.5	22.4	21.6	21.7	21.6	23	**23.4**	21.7	23	23	22.8
15	21.1	21	20.6	20.6	20.7	20.5	21.4	22.1	22.3	21.8	21.7	21.7
16	**20**	20.4	20.5	20.5	20.5	20.2	21.6	20.7	21.1	22.6	21.3	22.8
17	20.5	20.6	20.3	20.1	20.5	20.5	21.9	21.4	21.5	21.6	21	21
18	19.3	18.6	**18.3**	18.6	18.8	18.9	20.4	20.7	21.2	21.5	21.9	20.6
19	21.6	21.3	21.3	21.4	20.9	20.6	22.2	23.1	22.2	21.7	22.9	21.6
20	20.7	20.3	20.1	20.1	20.4	20.7	21.2	21.6	20.7	**22.6**	21	21.1
21	21.4	21.3	20.4	20.4	**20.3**	21.4	22.7	**23.2**	22.7	22.5	22.1	22.8
22	20.8	20.5	20.8	20.8	20.9	20.8	21.4	21.2	21.2	22.2	21.5	22
23	20.5	20.5	20.4	**19.9**	20.3	20.5	21.9	21	21.2	21.1	22	22.2
24	20.9	21	20.8	20.3	20.2	**20.1**	21.4	22.3	22.3	22.8	22.8	23.1
25	21.8	**21.6**	21.9	21.9	21.9	**21.6**	22.2	21.8	22.4	22.8	**23.9**	23.7
26	21.4	21	20.3	20.1	19.9	**19.8**	21.3	20.8	22.4	22.1	22.9	22.8
27	22.6	22	21.7	21.8	21.6	21.6	22.5	22.9	22.9	23	22.6	22.3
28	**20.9**	21	21.3	21.9	21.7	21.9	23	22	22.7	22.8	22.6	23.1
29	21.1	20.5	20.8	20	20	**19.9**	22.1	22.8	22	21.7	23	23.2
30	21.7	21.3	21.1	20.9	20.9	21.3	22.8	24.2	22	**20**	20.6	22
Mean	21.2	21	20.9	20.8	**20.7**	**20.7**	21.9	22.2	22.2	22.3	22.3	22.5

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
71	**70**	**70**	76	80	80	83	84	81	86	88	89	83.3
59	**57**	57.5	73	80	82	81	84	86	88	89	90	78.3
68	**67**	74	75	81	83	90	94	89	90	94	**95**	84.1
71	**59**	**59**	**59**	**59**	65	73	79	79	81	81	86	78.2
61	71	72	74	71	78	85	88	90	91	93	**94**	79.2
66	64	60	**57**	59	65	72	75	77	83	82	84	77.9
64	**63**	**63**	65	**63**	69	75	80	85	89	88	87	76.7
65	64	65.5	**61**	63	70	79	84	85	87	89	91	79.7
61	63	64	63	**57**	67	73	84	87	89	88	89	77.8
66.5	61	60	**54**	56	63	69	73	75	81	85	83	75.7
73	71	72	72	**62**	69	73	77	81	82	86	85	77.9
86	83	87	86	89	90	92.5	94	**96**	**96**	**96**	**96**	87.7
66	70	71	71	87	93	95	95	96	97	**98**	96	86.1
61	58	64	**52**	58	65	72	78	80	82	85	84	77
64	59	54	**51**	57	69	78	77.5	79.5	77	82	79	**74.5**
71	80	80	76.5	75	85	92	93	92	88	89	91	82.6
63	62	**60**	63	69	72	76	76	84	83	86	91	78
60	**59**	**59**	78	92	90	87	93	91	90	93	**94**	81.1
77	74	**62**	63	**62**	69	80	81	80	83	88	87	80.3
70	69	72	67	69	79	81	80	81	84	84	87	80.2
61	**59**	63	67	76	75	82	80	81	82	88	88	79.2
75	76	75	73	76	82	84	77	82	83	86	89	82.2
87	89	90	87	85.5	89	91	93	92	91.5	91.5	92	87.7
72	87	84	80	77	80	89	92	92	89	92.5	93	85.9
71	**70**	73	81	89	88	92	93	95	97	97	97	89.6
68	**65.5**	75	83	84	84	89	92	92	93	91	92.5	85.4
80	77	79	79	87	83	88	89	90	92	91	93	87.2
74	75.5	91	93	94	95	96	97	96	**98**	**98**	97	**89.8**
66	**66**	85	88	94	93	97	97	96	96	97	97	88
65	68	78	86	88	94	95	97	97	**98**	**98**	93	87.2
68.8	**68.6**	70.6	71.8	74.6	78.9	83.6	85.9	86.9	88.2	89.8	90.3	82

VAPOR PRESSURE (^{mm}).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
24.5	24.5	**25**	23.3	23.3	22.8	22.8	22.5	21.9	22	22.1	21.5	**22.8**
22	21.7	22.5	23.3	**24.9**	24.7	23.8	20.6	21.4	21.1	21.1	21.2	21.9
23.3	23.5	24.4	23.7	**24.7**	23.4	23.7	23.9	23	22.5	22.7	22.6	**22.8**
22.5	21.9	21.7	21.4	20.6	20	20.3	20.1	19.6	19.5	**19.1**	19.9	21.3
22.5	22.5	23.1	23.7	**24.1**	24	23.5	23.3	23.2	23	22.7	22.6	22
23.6	22.3	22.1	20.8	20.7	20.6	20.4	**20.3**	20.4	21.3	21.1	21.2	21.8
21.8	22.3	**22.5**	**22.5**	22.1	22.3	21	21.4	21.8	22.1	22.3	21.7	21.4
22.4	22.3	22	**22.9**	**20.6**	21	22.4	22.4	21.7	21.6	21.8	22.1	22
21.4	23	22.2	**23.4**	20.7	20.8	20.6	21.5	21.8	22.1	22.1	22.3	21.6
23.3	22.9	22.4	**20**	20.2	20.3	20.1	20.2	20.1	21.2	20.9	20.6	21.8
21.8	22	**22.4**	**22.4**	21.2	21.2	20.2	**20.1**	20.5	20.7	20.9	20.8	21.2
22.2	22.3	20.8	21.1	22.5	**22.9**	22	22	22.2	22.2	21.7	21.4	21.8
21.2	22.4	23	23.4	23.8	**24.8**	24.4	24	23.8	23.6	23.8	23	22.4
22.3	21.7	22.1	**19**	20.5	20.5	20.5	20.9	20.8	20.9	21.1	21.1	21.7
22.6	21.5	20.3	**19.8**	21.2	21.5	21.8	20.5	20.4	20.1	20.8	**19.8**	21.1
23.4	23.1	**23.4**	**23.4**	22.9	23	22.5	22.2	21.8	20.7	21.1	21	21.7
22.5	**22.7**	21.9	19.3	21.1	21.6	20.5	19.6	20	**19.2**	**19.2**	19.5	**20.8**
20.8	20.4	23	22.1	**24.4**	23.7	22	22.5	22.3	22.3	22.2	21.9	21.1
24.1	23.4	21	21.4	20.2	20.2	20.9	20.7	20	**19.9**	20.1	20.1	21.4
22.6	**22.6**	22.2	21.7	22	22.1	21.1	20.1	**19**	20.2	20.6	20.9	21.1
22.3	21.5	22.3	21	22.5	21.3	21.7	21.2	21.2	20.9	21.4	20.8	21.6
23.8	**24.4**	23.1	22.7	23	23.3	22.6	20.2	20.7	20.2	**20.1**	20.2	21.6
22.7	22.5	**22.9**	22.6	21.7	22.2	21.8	21.5	21.1	20.9	20.9	21.1	21.4
23.5	23.4	22.4	23.1	22.3	22.6	22.7	22.8	22.9	22.2	22	21.8	22.1
22.8	23.8	23.3	23	23.8	21.9	21.9	22	22.1	22	21.8	**21.6**	22.4
23.3	23.1	23.5	**24**	23.5	22.7	22.7	23	22.5	22.3	22.1	22	22.1
23.7	23.5	**24.2**	24	22.9	20.4	21	21.1	**20.2**	20.6	20.6	20.8	22.1
24.3	22.2	22.4	23.1	22.8	21.6	21.4	21.2	21.2	21.4	21.3	21.2	22
23.3	**23.4**	22.8	23	23.1	22	21.4	21.2	21.4	21.6	21.8	21.8	21.8
21.6	21.6	22.7	22.2	24.4	**24.5**	23.9	23.6	23.9	23.5	23.5	23	22.4
22.7	22.6	22.6	22.2	22.4	**22.1**	21.9	21.6	21.4	21.4	21.4	21.3	21.8

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Ci.-S.		Ci.-S.						Ci.-S.		A.-Cu.	
2	Ci.	W	Ci.	WbyS	Ci.	WbyS	Ci.	WbyS	Ci.		Ci.	
3	Ci.		Ci.-S.		Ci.-S.		Ci.				Ci.-S.	
4	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.-S.	
5	Ci.-S.	NE	Ci.-S.	NE	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
6	Ci.		Ci.-S.		Ci.		Ci.-S.		Ci.-S.		Ci.	
7	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	SE	Ci.-S.	SE
8	Ci.		Ci.-S.	E	Ci.-S.	E	Ci.-S.	E	Ci.-S.		Ci.-S.	
9	Ci.-S.		Ci.-S.	SEbyE	Ci.-S.	SEbyE	Ci.-S.	SEbyE	Ci.-S.		Ci.-S.	
10	Ci.		Ci.									
11												
12	A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.		Ci.-S.	
13	Ci.-S.		Ci.		Ci.-Cu.						Ci.-S.	
14	Ci.-S.		Ci.-S.				Ci.-S.		Ci.			
15	Ci.-S.		A.-Cu.	SE	Ci.		Ci.-S.		Ci.		Ci.	
16	Ci.		Ci.									
17			A.-Cu.	SE			Ci.		Ci.		Ci.	
18	Ci.		Ci.		Ci.-S.		A.-Cu.					
19	Ci.-S.		A.-Cu.				A.-Cu.		A.-Cu.			
20	Ci.-S.		Ci.-S.		Ci.-S.	NNW	Ci.-S.		Ci.-S.		Ci.-S.	
21	Ci.-S.		Ci.-S.	SE	Ci.-S.	SE	Ci.-S.		Ci.-S.		Ci.-S.	
22	A.-Cu.		Ci.-S.				Ci.-S.		Ci.-S.		Ci.-S.	
23	A.-Cu.		A.-Cu.	SE	Ci.-S.		Ci.-S.	ESE	Ci.-S.		Ci.-S.	
24	Ci.		Ci.-S.		Ci.-S.		A.-Cu.	SE	Ci.-S.			
25	Ci.-Cu.				Ci.-S.						Ci.-S.	
26	Ci.		Ci.		Ci.	SbyW	Ci.		Ci.		Ci.-S.	
27	Ci.-S.		Ci.-S.				Ci.-S.		Ci.-S.		Ci.-S.	
28	Ci.-S.		A.-Cu.	SW	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
29	A.-Cu.	ESE	Ci.-S.		Ci.-S.	N	Ci.-S.		Ci.-S.		Ci.-S.	
30	A.-Cu.		A.-Cu.									

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.		S.-Cu.		S.-Cu.	E	N.-cf.	E	N.-cf.		N.-cf.	
2	Cu.		Cu.	SE	Cu.	SE	Cu.	SE	Cu.		Cu.	
3	S.-Cu.		Cu.		S.-Cu.	ESE	Cu.	EbyS	Cu.		Cu.	
4	Cu.		Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.	
5	Cu.-N.		Cu.		S.-Cu.	ESE	Cu.	EbyS	Cu.		Cu.-N.	
6	Cu.	ENE	Cu.	E	Cu.	E	Cu.		Cu.	E	Cu.	E
7	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
8	Cu.		Cu.		Cu.		Cu.		Cu.		S.-Cu.	
9	Cu.	E	S.-Cu.		Cu.		Cu.		Cu.		Cu.	
10	Cu.		Cu.		Fr.-Cu.	ESE	Cu.	E	Cu.		Cu.	
11	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	
12	Cu.		Cu.	EbyS	S.-Cu.	EbyS	Cu.-N.		Cu.-N.		Cu.-N.	
13	Cu.		Cu.	SE	Cu.	SE	Cu.	SE	Cu.-N.		N.-cf.	
14	Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	E
15	Cu.-N.	ESE	Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.	E
16	Cu.		Cu.		Cu.		Cu.	ESE	Cu.-N.		Cu.-N.	
17	N.-cf.		Cu.-N.		Cu.	E	Cu.	E	Cu.	E	Cu.-N.	E
18	Cu.		Cu.		Cu.	E	Cu.	E	Cu.		Cu.	
19	S.-Cu.		S.-Cu.		Cu.	ESE	Cu.		Cu.		N.	ESE
20	S.-Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.-N.	E
21	S.-Cu.		Cu.		Cu.	ESE	Cu.	ESE	Cu.-N.		Cu.	
22	S.-Cu.		N.-cf.	ESE	S.-Cu.	ESE	S.-Cu.		S.-Cu.	EbyS	S.-Cu.	EbyS
23	S.-Cu.		Cu.	E	Cu.		Cu.		N.-cf.	E	N.-cf.	
24	Cu.	E	Cu.	E	S.-Cu.		Cu.	E	Cu.-N.		Cu.-N.	
25	S.-Cu.		Cu.-N.	SE	S.-Cu.		S.-Cu.		Cu.-N.	SE	S.-Cu.	
26	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
27	S.-Cu.		Cu.		Cu.	E	Cu.-N.		Cu.-N.		Cu.-N.	
28	Cu.-N.	S	Cu.		Cu.-N.	S	Cu.	S	Cu.		Cu.	
29	Cu.		Cu.		Cu.		Cu.		Cu.	SE	Cu.	SE
30	S.-Cu.		Cu.		Cu.	S	Cu.	S	Cu.		N.-cf.	

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Ci.-Cu.		Ci.-Cu.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.-S.		Ci.-Cu.		A.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.		Ci.	
Ci.		Ci.		Ci.		Ci.		Ci.-S.		Ci.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.	
								Ci.		Ci.	
Ci.-S.		Ci.-S.	SE	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-Cu.		Ci.-S.		Ci.-S.		A.-Cu.	
		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.						Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.				Ci.-S.			
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.	
				Ci.							
Ci.-S.				Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		A.-Cu.				Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.				Ci.-S.		Ci.-S.	
A.-Cu.	NE	Ci.-S.	NW	Ci.-S.	NW	Ci.-S.		Ci.-S.	NW	Ci.	
						Ci.-S.		Ci.-S.		Ci.-S.	
A.-Cu.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		A.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-Cu.	
										Ci.-S.	
Ci.-S.						Ci.-S.		A.-Cu.		Ci.-Cu.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.-S.				Ci.-S.			
Ci.-S.								Ci.-S.			
Ci.-S.											

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.		Cu.-N.		Cu.-N.	SSE	Cu.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.		Cu.	SE	Cu.-N.		N.		N.	
Cu.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.	
Cu.		Cu.	ESE	Cu.	E	Cu.		Cu.-N.		Cu.-N.	
Cu.-N.		Cu.-N.	ESE	Cu.-N.		Cu.-N.		Cu.	ESE	Cu.-N.	
Cu.	E	Cu.		Cu.	E	Cu.		Cu.	E	Cu.	
Cu.		Cu.		S.-Cu.	ESE	Cu.		Cu.		Cu.	
Cu.		Cu.	E	Cu.	E	Cu.		Cu.		Cu.	
Cu.		Cu.	E	Cu.	E	Cu.		Cu.		Cu.	
Cu.		Cu.	SE	Cu.	SE	Cu.	SE	Cu.	E	Cu.	
Cu.-N.		Cu.-N.		Cu.		Cu.-N.		Cu.		Cu.-N.	
Cu.-N.		N.		N.	ESE	S.-Cu.	SE	S.-Cu.	SE	Cu.-N.	
Cu.		Cu.	ESE	Cu.	ESE	Cu.		Cu.-N.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.	E	Cu.		Cu.	E	Cu.		Cu.	
Cu.-N.	E	Cu.-N.	E	Cu.-N.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.	SW	Cu.	SW	Cu.		Cu.	
Cu.	ESE	Cu.-N.	ESE	Cu.-N.	ESE	Cu.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.-N.	ESE	Cu.		Cu.-N.		Cu.-N.		Cu.	
Cu.-N.		Cu.-N.		Cu.	SW	Cu.	SW	Cu.		Cu.	
Cu.	ESE	Cu.	ESE	Cu.		Cu.-N.	ESE	N.-cf.		Cu.-N.	
S.-Cu.	EbyS	S.-Cu.	EbyS	N.-cf.	E	Cu.-N.		S.-Cu.		S.-Cu.	
N	E	N.	E	N.		Fr.-N.		Fr.-N.		S.-Cu.	
Cu.-N.	SEbyE	Cu.-N.	ESE	Cu.-N.	ESE	Cu.-N.		Cu.		Cu.	
N.-cf.	SE	N.-cf.	SE	Cu.-N.		S.-Cu.	SE	S.-Cu.		S.-Cu.	
Cu.		Cu.-N.	E	Cu.-N.		Cu.-N.		Cu.	E	N.-cf.	
Cu.-N.	SW	N.	SW	Cu.-N.		Fr.-N.		Cu.-N.		Cu.-N.	
Cu.		N.		N.		N.	S	Cu.-N.		Cu.-N.	
Cu.	SE	Cu.-N.		Cu.-N.		Cu.-N.	S	N.		N.	
N.-cf.	S	N.-cf.		N.-cf.	SEbyS	N.		Fr.-N.	SEbyS	S.-Cu.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	Calm	-------	Calm	-------	Calm	-------	Calm	-------	Calm	-------	Calm	-------
2	Calm	-------	Calm	-------	Calm	-------	NNE	1	NNE	1	Calm	-------
3	Calm	-------	Calm	-------	NNE	0.5	Calm	-------	Calm	-------	Calm	-------
4	NE	0.5	N	0.5	N	.5	NNE	2	NNE	2	NNE	1.5
5	NE	.5	Calm	-------	Calm	-------	N	2	Calm	-------	E	.5
6	Calm	-------	ENE	1	ENE	.5	ENE	.5	ENE	.5	Calm	-------
7	SE	1.5	ENE	1	Calm	-------	NNE	1	NNE	1.5	Calm	-------
8	ESE	.5	Calm	-------	Calm	-------	Calm	-------	Calm	-------	Calm	-------
9	Calm	-------	Calm	-------	Calm	-------	Calm	-------	Calm	-------	NE	1.5
10	SE by E	1	SE by E	1	N	2	NNE	1.5	NE	2	Calm	-------
11	Calm	-------	NNE	.5	NE	.5	ENE	1	ENE	1	Calm	-------
12	Calm	-------	NE	.5	Calm	-------	Calm	-------	Calm	-------	ENE	.5
13	Calm	-------	NNE	1	Calm	-------	Calm	-------	Calm	-------	Calm	-------
14	Calm	-------	Calm	-------	Calm	-------	Calm	-------	Calm	-------	ESE	1.5
15	SE	2.5	SE	.5	NE	1	NNE	1	Calm	-------	NE by E	.5
16	Calm	-------	Calm	-------	Calm	-------	Calm	-------	Calm	-------	E	1.5
17	ESE	1	Calm	-------	Calm	-------	Calm	-------	Calm	-------	Calm	-------
18	Calm	-------	ENE	.5	Calm	-------	Calm	-------	Calm	-------	Calm	-------
19	NE	1	NE	1	NE	.5	NE by N	.5	NE	.5	NE	.5
20	Calm	-------	NE	1	Calm	-------	Calm	-------	Calm	-------	Calm	-------
21	ESE	1.5	ENE	2	ENE	.5	ENE	.5	Calm	-------	ESE	1
22	Calm	-------	Calm	-------	Calm	-------	Calm	-------	Calm	-------	Calm	-------
23	Calm	-------	Calm	-------	Calm	-------	Calm	-------	Calm	-------	Calm	-------
24	Calm	-------	Calm	-------	Calm	-------	Calm	-------	Calm	-------	N	1
25	Calm	-------	Calm	-------	Calm	-------	Calm	-------	Calm	-------	N	.5
26	NNE	.5	NE	1	Calm	-------	Calm	-------	Calm	-------	Calm	-------
27	Calm	-------	N	1	Calm	-------	Calm	-------	Calm	-------	Calm	-------
28	Calm	-------	Calm	-------	Calm	-------	Calm	-------	SE	.5	Calm	-------
29	SE	.5	ESE	1	ESE	1	ESE	1	Calm	-------	ESE	2
30	Calm	-------	ESE	1.5	Calm	-------	ENE	.5	SE	1	Calm	-------
Mean	-----------	0.4	-----------	0.5	-----------	0.2	-----------	0.4	-----------	0.3	-----------	0.4

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	WSW	1.5	WSW	0.5	WSW	3.5	ESE	0.5	Calm	-------	SE	1
2	E	2.5	SE	3	ESE	2	SW	2.5	WSW	4	SW	2
3	NW	1.5	W	1.5	Calm	-------	W	.5	Calm	-------	Calm	-------
4	NNW	1	ESE	4.5	SE by E	5	SE	4	SSE	4	ESE	2.5
5	SE	4	SE by S	6	SE	1.5	SE	1.5	ESE	.5	SE	1.5
6	NW	1	WNW	4	SE	3	SE	6	SE by E	5	ESE	5
7	WNW	3	W	2.5	WNW	1.5	SSW	1	SE	2.5	Calm	-------
8	W	3.5	W	2	Calm	-------	S	2.5	SE	3.5	ESE	1.5
9	SE	1.5	ESE	2	ESE	.5	SE	3.5	SE	2.5	ESE	1.5
10	WNW	2	N	3	Calm	-------	E	1	SE by S	1	SE	1.5
11	E	2.5	E by N	1	ENE	3.5	E	2.5	Calm	-------	ESE	2.5
12	E	1.5	ESE	.5	ENE	1	ENE	1	Calm	-------	Calm	-------
13	ENE	5	E	1.5	E	.5	SW	1	NNW	1	Calm	-------
14	ESE	5.5	SSE	3.5	ENE	.5	ESE	2	SE	7.5	SE	4
15	W	3	W	1.5	NW	.5	Calm	-------	ESE	3.5	ESE	2.5
16	W	2.5	NE	1.5	NNE	1.5	Calm	-------	Calm	-------	Calm	-------
17	ESE	4.5	NE	7	ESE	4.5	ESE	3.5	E	1	ENE	2.5
18	W	3.5	W	3	Calm	-------	ENE	7	Calm	-------	ENE	1
19	WSW	1.5	Calm	-------	ESE	2	SE	4.5	SE by E	6	ESE	1.5
20	ESE	3.5	NNE	5.5	NNE	2	ENE	3.5	Calm	-------	Calm	-------
21	E by S	2	E	2.5	SE	9	SE	4	SE	4	Calm	-------
22	NW	1	S	1.5	Calm	-------	S	1.5	Calm	-------	Calm	-------
23	NNW	4	N	2	NNE	3	NNE	1.5	NNE	3	NE	1
24	N	1.5	NNE	6	NNE	4	NNE	.5	NNW	1	Calm	-------
25	Calm	-------	Calm	-------	ESE	4	ESE	1.5	Calm	-------	NE	.5
26	WSW	4	W	5	WSW	1.5	SE	1.5	S	2.5	SSE	1.5
27	SE	4	SE	1.5	Calm	-------	Calm	-------	S by W	7.5	WSW	3
28	Calm	-------	W	4.5	SW	1	Calm	-------	E by S	1.5	E	2.5
29	SE	5	SE	4.5	SSW	2.5	SSW	3	WSW	1.5	ESE	4
30	WSW	4	SW	2.5	SSW	2	SE	1.5	Calm	-------	Calm	-------
Mean	-----------	2.7	-----------	2.8	-----------	2.2	-----------	2.1	-----------	2.1	-----------	1.4

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	----------	Calm	----------	NE	0.5	W	3	WNW	2	WSW	2
Calm	----------	ESE	1	ESE	2.5	SE	2	SSE	1.5	SSE	4.5
Calm	----------	Calm	----------	NW	1.5	W	1.5	W	2	WNW	2
Calm	----------	Calm	----------	WSW	1.5	SSW	2	NW	2.5	WNW	2
Calm	----------	Calm	----------	E by S	4	E	3.5	ESE	5	SE	6
Calm	----------	NNE	2	WNW	1.5	NW	3	NW	2	NW	2
Calm	----------	Calm	----------	W	2	WSW	2.5	W	1.5	W	2.5
Calm	----------	Calm	----------	Calm	----------	WNW	3	WNW	3.5	W	4
Calm	----------	Calm	----------	ESE	2	ESE	.5	NE by E	1.5	NW	3
Calm	----------	ESE	2	Calm	----------	SE	3	SE	6.5	SE	7.5
NE by E	1	Calm	----------	ESE	1	SSE	6	ESE	2	E	3
ENE	.5	ESE	1	SE by E	3.5	ESE	1	E by S	4	ENE	3
Calm	----------	Calm	----------	SW	1	W	3	W	3.5	Calm	----------
Calm	----------	ESE	.5	E	1.5	ESE	5.5	SE	2	SE	2
NE by E	1	Calm	----------	NE	1	NW	4.5	W	3.5	WNW	1.5
Calm	----------	NE	1	Calm	----------	Calm	----------	WNW	4	WNW	.5
Calm	----------	SE	2	E	2.5	ESE	.5	ESE	5.5	ESE	2.5
Calm	----------	NNE	2.5	NNE	.5	NNW	1	WNW	4.5	WNW	3
Calm	----------	NE	.5	ENE	1	ENE	2	Calm	----------	ESE	1
NNE	1	Calm	----------	Calm	----------	Calm	----------	W	2	NNW	2
Calm	----------	NE	1.5	ESE	1.5	ESE	2.5	E by S	5	ESE	4
Calm	----------	Calm	----------	Calm	----------	N	3.5	Calm	----------	WNW	1.5
Calm	----------	ENE	1	NNE	.5	ENE	3	NE	1	NNE	3.5
NNE	1.5	Calm	----------	Calm	----------	SW	1.5	WNW	2	WSW	1.5
Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------
Calm	----------	Calm	----------	S	1	SW	1.5	W	1	WNW	2.5
Calm	----------	Calm	----------	ENE	1	ESE	1.5	E	1	SSE	1
Calm	----------	Calm	----------	ESE	3.5	ESE	4	SE by E	4.5	SSE	3.5
ESE	2	ESE	3	SE	2.5	SE	4	SE	7	SE	6.5
SE	1	SE	1	SE	1	SSW	1.5	WSW	2.5	W	2.5
----------	0.3	----------	0.6	----------	1.3	----------	2.4	----------	2.8	----------	2.7

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		Midnight.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
ESE	0.5	E	1	ESE	2	ESE	0.5	ESE	1	NNE	1	0.9
Calm	----------	W	3.5	SSE	.5	SSE	.5	Calm	----------	Calm	----------	1.4
Calm	----------	Calm	----------	ESE	1	Calm	----------	Calm	----------	NNE	.5	.5
Calm	----------	Calm	----------	E	.5	E	.5	E	.5	NE	.5	1.6
Calm	----------	Calm	----------	ESE	.5	ESE	.5	Calm	----------	Calm	----------	1.6
ESE	1.5	SE	2	SE	3	SE	2	ESE	3	SE	3	2.1
Calm	----------	SE by E	1	ESE	1.5	SE	.5	SSE	2	SSE	2	1.3
Calm	----------	Calm	----------	ENE	1	Calm	----------	Calm	----------	NNE	1	1.1
NNE	4	ENE	3	Calm	----------	SE by E	1.5	SE by E	1	SE by E	1	1.3
E	1	SE	.5	SE	1	Calm	----------	SE	.5	Calm	----------	1.6
ESE	1	SE	3	SE	2	SSE	2	SSE	1.5	SSE	1.5	1.6
Calm	----------	Calm	----------	Calm	----------	NE	1.5	Calm	----------	Calm	----------	.8
Calm	----------	Calm	----------	Calm	----------	Calm	----------	NNE	.5	Calm	----------	.8
ESE	1.5	SE	1	SE	2	Calm	----------	Calm	----------	SSE	2	1.8
Calm	----------	ESE	.5	ESE	1	SE	1.5	SE	.5	ESE	1	1.4
Calm	----------	Calm	----------	Calm	----------	SE	1.5	SE	1.5	ESE	1	.7
ENE	.5	ESE	.5	Calm	----------	Calm	----------	ENE	.5	ENE	1	1.6
ESE	1	Calm	----------	N by E	1.5	N by E	2.5	NNE	.5	NNE	1	1.4
ESE	1.5	SE	1	SE	1	Calm	----------	Calm	----------	ESE	1	1.2
ESE	1.5	SE	1	ESE	1.5	ESE	1.5	ESE	1	ESE	1.5	1.2
ESE	1	Calm	----------	ENE	.5	ENE	.5	Calm	----------	Calm	----------	1.8
Calm	----------	ESE	.5	ESE	1	ENE	1	Calm	----------	Calm	----------	.5
Calm	----------	Calm	----------	NE	1	Calm	----------	Calm	----------	Calm	----------	1
Calm	----------	Calm	----------	ESE	.5	NNE	.5	ENE	.5	NNE	1	1
Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	.3
Calm	----------	SE	1	ESE	1	ESE	1	NNE	1.5	NW	2.5	1.3
SSW	3.5	S	2	SE	2.5	SE	3	ESE	1	ESE	.5	1.4
E by S	1	ESE	1	ESE	.5	Calm	----------	ESE	.5	Calm	----------	1.2
E	1.5	ENE	2.5	ENE	2	ENE	3	Calm	----------	Calm	----------	2.5
Calm	----------	Calm	----------	Calm	----------	SE	.5	SSE	2.5	SW	1	1.1
----------	0.7	----------	0.8	----------	1	----------	0.9	----------	0.7	----------	0.8	1.3

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	0	0	0	0	0.5	0	0	1	10	7	**16.5**	11
2	1.5	0	1.5	3	3.5	3	3.5	4	8	8.5	12	9.5
3	3.5	2	2	2	0	.5	.5	1	6.5	7.5	**15**	13
4	2	3.5	6.5	9	8	4.5	2.5	0	5	5	8	10.5
5	2.5	1.5	0	4.5	2.5	1	1.5	1.5	4	14	**16.5**	15.5
6	.5	3	2	2.5	2.5	3.5	4	2.5	5.5	9.5	11	13
7	10	5	3	2	5	4	6	5	3.5	7.5	11	11
8	4.5	1	1	.5	1.5	.5	1	0	3	7	**15**	11
9	3	0	.5	0	2.5	3	2.5	1	4	6	8	5
10	3.5	4.5	6.5	6	8	4	2.5	3.5	6.5	5	11.5	**17.5**
11	2.5	2.5	3	3.5	4.5	4	6.5	3	4.5	8.5	**23.5**	14.5
12	2	2.5	2	.5	.5	2.5	3	5	7	**15.5**	13.5	10.5
13	.5	3	2	1	0	1.5	1	.5	.5	4	**13.5**	4
14	1	0	1.5	2	.5	1	1	2	5	9	10	14
15	9	6.5	5	3	1	4	2.5	5.5	5.5	4	**17**	11
16	3.5	0	0	.5	0	.5	.5	1.5	1.5	3	**10**	5.5
17	4	1	1.5	1.5	1	0	.5	2	5	7	16	17
18	2	3	2.5	.5	1.5	.5	1	5	4	7	13.5	**16.5**
19	3.5	.5	.5	1	.5	1	1	.5	5	8	11.5	6
20	2	2	.5	.5	0	2.5	2.5	2.5	.5	2.5	7	10
21	7	4	4	3	1.5	2.5	3	4	7	15	19	12
22	0	2	1.5	1.5	1	3.5	.5	3	5	5	7.5	6
23	0	0	0	1.5	.5	.5	.5	1	6	4	5	9
24	.5	.5	0	0	.5	1	3.5	2.5	1.5	2.5	10	7
25	2	1	1	0	1.5	1.5	2	1.5	1	1.5	1.5	5
26	1.5	4	3.5	.5	.5	0	0	.5	3	5.5	9.5	12
27	3	3.5	3	.5	.5	0	0	.5	.5	2	1	7
28	1.5	0	1.5	.5	.5	1.5	.5	.5	6	11	**20.5**	16
29	4.5	3	4	4.5	2.5	4	6.5	10.5	12.5	14	11	14
30	1	3	2.5	1.5	3.5	3	1	5.5	7	4	7.5	9
Mean	2.7	2.1	2.1	**1.9**	**1.9**	2	2	2.6	4.8	7	**11.8**	10.8

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	6	6	7	9	8	7	6	5	6	9	10	10	7.4	8	00
2	5	2	4	2	4	3	4	4	5	7	7	10	4.8	8	35
3	6	6	6	7	8	6	7	5	6	6	6	8	6.4	6	10
4	4	2	2	3	6	7	6	5	4	4	3	5	4.2	9	15
5	7	6	6	6	6	7	9	9	9	9	8	9	7.6	3	20
6	5	5	3	7	6	5	4	3	3	4	4	3	4.3	9	00
7	3	3	2	3	5	6	7	7	7	8	7	7	5.4	7	45
8	8	7	7	7	9	9	8	8	7	7	9	9	7.9	6	35
9	7	6	5	6	7	7	6	5	6	7	6	5	6.1	8	10
10	4	3	3	4	3	4	4	3	3	4	4	3	**3.5**	9	00
11	3	2	2	5	6	6	6	7	7	6	6	9	5.4	4	10
12	7	6	9	9	9	10	10	10	10	10	10	10	9.2	1	50
13	4	3	3	4	6	9	4	5	7	8	6	4	5.2	5	25
14	5	2	3	4	6	4	7	7	6	5	3	3	4.6	**9**	**45**
15	7	4	5	7	7	6	3	3	4	4	5	3	4.8	**9**	**45**
16	4	2	1	8	7	9	7	7	8	8	7	7	6.2	5	05
17	4	5	5	5	6	6	7	8	8	8	8	5	6.2	7	20
18	6	2	2	3	5	6	8	8	8	10	9	9	6.3	7	50
19	7	8	9	9	9	10	8	7	5	7	8	8	7.9	4	50
20	9	9	9	7	8	9	9	8	7	7	6	9	8.1	5	00
21	3	8	8	6	7	8	9	9	8	9	9	10	7.8	6	30
22	9	10	10	10	9	10	10	10	10	9	10	10	9.8	0	55
23	6	8	7	8	9	9	10	10	10	10	9	9	8.8	1	40
24	8	8	8	8	8	8	10	10	9	9	9	10	8.8	2	45
25	9	8	10	10	10	10	9	9	9	10	10	10	9.5	1	45
26	7	7	6	7	7	8	7	7	7	8	9	10	7.5	7	15
27	9	9	10	10	10	10	10	10	10	10	10	10	9.8	**0**	**00**
28	9	10	10	10	10	10	10	10	10	10	10	10	**9.9**	0	40
29	8	8	7	7	7	7	8	10	10	10	10	10	8.5	5	15
30	7	5	5	4	7	8	9	10	10	10	10	10	7.9	5	05
Total														168	40
Mean	6.2	**5.7**	5.8	6.5	7.2	7.5	7.4	7.3	7.3	**7.8**	7.6	**7.8**	7	5	37

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–Mdt.	Mean.
8.5	8.5	9.5	4.5	6.5	4	3.5	3.5	5	4	3	4.5	4.6
7	11.5	11	17	17	9	5.5	**23**	5.5	2.5	1.5	.5	7
11	8	6	4.5	2	3	1.5	.5	3	2.5	0	1	4
10.5	11	15.5	14.5	**18.5**	14.5	6	1	3	3	2	3	7
11	15.5	8.5	6	3.5	3	3	1.5	1.5	2.5	1	0	5.1
6	12.5	11.5	**17**	**17**	12	12	8	9	9	11	10	**8.1**
13	12.5	9	2.5	3	4	1.5	2.5	2	2	4	6	5.6
9.5	9.5	5.5	8.5	13	11	.5	0	1.5	2.5	0	4	4.6
9	**11**	9	10	8	7	8	10	8	4	7	5	5.5
8.5	8	4	4.5	7	7.5	4.5	6	5	5.5	2	4.5	6.1
21	9.5	7.5	10	6	7	8.5	10.5	6	9	5.5	5.5	7.4
6.5	3.5	5	6	2	.5	0	0	.5	2	2	0	3.9
1	9	1	2	3.5	0	.5	0	0	0	1	1	**2.1**
12	9	9	3.5	13.5	**14.5**	10	5	4.5	2.5	.5	6.5	5.7
10	6	2	3.5	8.5	10	2.5	3.5	2	8	5	4	5.8
5.5	9	8	1.5	1.5	.5	0	0	.5	5	5	4.5	2.8
19	15	9	10	6	6	6	4	3.5	2.5	.5	4.5	5.9
14.5	12	15.5	14.5	4	1.5	5.5	1.5	1.5	5.5	2.5	1	5.7
3	6	7	**12.5**	11.5	3.5	3	4.5	2.5	2	1	2	4.1
8	17	**18**	10	6	3	3	6	5	5	6	4	5.1
13	15	**20**	11	12	5	1	2.5	1.5	3	1	1	7
9	6	8	2.5	1	.5	.5	3.5	1.5	4.5	2	1	3.2
16	15	8	9	12	8.5	2.5	2	2	3	1	.5	4.5
7	**16**	11	9	6.5	3.5	1	0	.5	2.5	2	2	3.8
5	5	8.5	**9**	1	7	4	1	1	0	0	0	2.5
12	13	**14**	5	10	6.5	3	2.5	2.5	2.5	4	8.5	5.2
8	7	2	1	10	**12**	9	**12**	5.5	8.5	8	2.5	4.5
11	8.5	16	0	3	7	6.5	5	3.5	2.5	1.5	2	5.3
14	13.5	**15.5**	8	10	9	9	7	6	4.5	3	1.5	8
11.5	**17**	11	7	.5	0	0	.5	1.5	2.5	2	6	4.5
9.7	10.7	9.5	7.5	7.5	6	4	4.2	3.2	3.8	2.8	3.2	5.2

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1		1	1		1	5	1					4	1	1			9	111	3.1	
2		2			1	3	2	4			2	1	1				8	169	3.7	14.7
3		2				1							4	1	2		14	96.5	2.7	
4	2	3	2		3	2	2	1		1		1		1	1	1	4	167	4.1	
5	1		1		2	5	5	1									9	122	3.6	
6		1		4		3	7							2	4		3	**194.5**	4.9	
7		2		1		1	4	2		1		1	4	2			6	135	3.8	
8		1		1		2	1		1				3	2			13	111.5	3.6	
9		1	1	2		5	6								1		8	131.5	3.8	1.3
10	2	1	1		2	1	9	1						1			6	146	4.5	
11		1	1	4	4	4	2	4									4	176.5	3.6	
12			2	5	1	4	1										11	925	**.5**	3.3
13		2		1	2						2		2			1	14	**50.5**	2	1.8
14				1	1	6	6	2									8	137.5	5	
15		1	2	2		5	4						3	1	2		4	139	**5.1**	
16		1	2		1	1	2						1	2			14	67.5	2	1.5
17			1	4	2	8	1										8	142.5	4.3	
18		6		3		1							2	2		1	9	136.5	3.2	10.7
19			7	2		5	4					1					5	97.5	3	8.3
20		3	1	1		6	1						1			1	10	123.5	3.2	
21			1	5	1	8	3										6	168	4.2	
22	1			1		2			2					1		1	16	76.5	2.4	
23	1	5	3	2												1	12	107.5	.9	1.6
24	2	6		1		1					1	1		1		1	10	90.5	1.6	1.1
25	1		1			2											20	61	2	.5
26		2	1			2	2	1	2		1	2	2	1	1		7	124	3.2	
27	1			1	1	3	4	1	1	2		1					9	107	1.2	2.9
28					1	7	2	1			1		1				11	126.5	1.6	**21.5**
29				3	1	7	7			2		1					3	192	1.9	6.2
30				1		1	6	1		2	2	2	1				8	108	2	3.9
Total	11	41	28	45	24	101	82	19	6	8	9	15	26	18	11	7	269	3,708.5	90.7	79.3
Mean	0.4	1.4	0.9	1.5	0.8	3.4	2.7	0.6	**0.2**	0.3	0.3	0.5	0.9	0.6	0.4	**0.2**	9	123.6	3	2.6

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	759. 10	10. 40p.	33. 2	2. 40p.	96	**25**	756. 20	3. 10p.	23. 8	5. 00a.	70	20. 8
2	59. 10	10. 25p.	34. 4	1. 45p.	**91.5**	24. 9	55. 75	3. 15p.	23. 7	5. 35a.	57	19. 5
3	58. 60	0. 05a.	33. 5	2. 20p.	95	24. 7	55. 30	3. 45p.	24. 2	4. 45a.	67	20. 5
4	58	10. 25p.	33. 5	2. 45p.	97	23. 7	**54.80**	3. 45p.	23. 7	5. 45a.	59	19. 1
5	59. 35	10. 45p.	33. 6	11. 40a.	94	24. 1	56. 70	2. 15a.	23. 3	5. 35a.	60	19. 3
6	59. 90	8. 45a.	33. 9	2. 40p.	96	24. 6	57. 10	3. 15p.	23. 6	5. 30a.	57	20. 3
7	59. 90	11. 05p.	33. 6	3. 30p.	94	22. 5	57. 25	3. 55p.	23. 2	5. 45a.	63	19. 9
8	59. 75	0. 05a.	**34.5**	4. 10p.	97	22. 9	56. 95	3. 45p.	23. 6	5. 30a.	61	20. 6
9	59. 75	7. 25a.	34. 3	1. 40p.	94	23. 4	56. 40	3. 15p.	22. 9	5. 40a.	57	19. 8
10	60	10. 30p.	**34.5**	1. 50p.	97	23. 9	57. 55	4. 10p.	**24.3**	5. 10a.	54	20
11	60. 90	9. 20p.	32. 4	9. 20a.	93	**22.4**	58. 80	3. 40p.	23. 6	5. 20a.	62	20. 1
12	**60.95**	9. 10a.	31. 3	10. 55a.	96	22. 9	**59.30**	4. 45p.	23. 9	11. 50p.	72. 5	20. 7
13	60. 40	0. 05a.	33	3. 45p.	98	24. 8	57. 35	3. 10p.	22. 5	5. 50a.	66	19. 8
14	59.75	7. 40a.	34. 1	1. 45p.	98	23. 4	57	4. 05p.	23. 6	5. 30a.	52	19
15	59. 83	7. 00a.	**34.5**	4. 15p.	93	22. 6	56. 60	4. 30p.	23. 3	5. 15a.	**51**	19. 8
16	59. 40	9. 35p.	32	8. 55a.	94	23. 4	57. 20	3. 05p.	23. 5	5. 30a.	63	20
17	59. 50	9. 15a.	34. 2	1. 50p.	96	22. 7	56. 85	3. 20p.	22. 9	5. 30a.	60	19. 2
18	59. 35	10. 25p.	34. 4	3. 05p.	94	24. 4	56. 55	3. 40p.	**21.9**	5. 05a.	59	**18.3**
19	59. 30	8. 35p.	33. 5	11. 35a.	96	24. 1	56. 65	4. 25p.	23. 5	5. 50a.	62	19. 9
20	58. 85	10. 35p.	33	1. 35p.	96	22. 6	56. 25	3. 10p.	23. 2	5. 30a.	66	19
21	59. 60	11. 15p.	33. 7	2. 25p.	96	23. 2	56. 06	3. 00p.	23. 5	5. 20a.	59	20. 3
22	59. 75	8. 50a.	32	1. 15p.	**91.5**	24. 4	56. 90	4. 00p.	**24.3**	5. 55a.	72	20. 1
23	58. 65	9. 15a.	31. 5	10. 10a.	97	22. 9	55. 60	3. 05p.	23	5. 25a.	65	19. 9
24	**57.90**	11. 15p.	33. 1	0. 35p.	94	23. 5	55. 10	5. 10p.	23. 4	5. 40a.	72	20. 1
25	58. 60	10. 40p.	32. 8	2. 20p.	**99**	23.9	55. 60	3. 15p.	23. 8	5. 35a.	70	**21.6**
26	58. 20	0. 05a.	33	1. 55p.	98	24	55. 20	2. 55p.	22. 3	5. 20a.	65. 5	19. 8
27	**57.90**	9. 45p.	**31.2**	11. 10a.	97	24. 2	55. 31	4. 00p.	23. 9	4. 50a.	72	20. 2
28	58. 10	10. 00p.	31. 7	1. 25p.	98	24. 3	56. 19	2. 00p.	23. 6	11. 00p.	**73**	20. 9
29	58. 75	11. 00p.	33. 7	2. 10p.	98	23. 4	55. 75	3. 05p.	22. 6	5. 05a.	66	19. 9
30	58. 60	0. 05a.	32. 7	1. 10p.	98	24. 5	56. 35	3. 15p.	23. 3	4. 00a.	65	20
Mean	759. 26	--------	33. 2	--------	95. 7	23. 7	756. 49	--------	23. 4	--------	63. 3	19. 9

DAILY GENERAL REMARKS.

1----⌓, ≡ a.; [< WNW, < various points in the evening.
2----≡° a.; [< various points, ● in the evening.
3----≡° a.; < NNW in the evening.
4----≡, ⌓ a.; [<° NW quad. in the evening.
5----≡°, ◯° a.
6----⌓, ≡° a.
7----⌓, ≡ a.; ○ a. p.; < N in the evening.
8----⌓, ≡°, convergence of Ci. toward E in the morning.
9----⌓, ≡°, ◯, convergence of Ci. toward SSE in the morning; [< NE in the evening; ● at night.
10----⌓, ≡ a.
11----⌓, ≡° a.; < SW in the evening.
12----≡° a.; ● in the forenoon and afternoon; ⊤° S at noon and in the afternoon.
13----⌓² ≡ a.; ● in the forenoon and afternoon.
14----⌓, ≡° a.; somewhat gusty SE winds in the afternoon.
15----⌓, ≡° a.; [< NE in the afternoon.
16----⌓, ≡° ● in the morning; ⊤° NE; [< SW quad. in the afternoon.
17----⌓, ≡° a.; somewhat gusty winds in the afternoon.
18----⌓, ≡°, convergence of Ci. toward E in the morning; heavy thundershowers in the afternoon.
19----≡° a.; p 11.55a. to 12.03p.; <° SE in the evening.
20----⌓ a.; ⊤° NNE 1.35p.; < SW in the evening.
21----≡° a.; gusty SE winds, [< NNW in the afternoon.
22----≡ a.
23----≡° a.; d in the afternoon; ● at night.
24----≡° a.; ●° in the early morning and in the afternoon; ⊤ NE quad. in the afternoon.
25----≡, d in the morning; [<° N quad. in the afternoon; < S in the evening.
26----≡° a.; ◯ at noon; ⊤ E 3.15p.
27----≡°, ◯² in the morning; frequent d in the afternoon and night; [< various points in the afternoon.
28----≡°, ◯, convergence of Ci. toward N, ⊤ NNW in the morning; ● in the afternoon and night; ⊤ S and N in the afternoon.
29----≡° ◯° a.; ●, ⊤ SW and SE in the afternoon; < NE in the evening.
30----≡° a. [< SW and NE quad., ● in the afternoon.

OBSERVATIONS FOR JULY, 1910.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	57.65	56.95	56.70	57.05	57.20	57.60	57.72	57.62	57.79	57.79	57.64	57.57
2	57.40	56.80	**56.40**	56.65	56.80	57.24	57.44	57.34	57.74	57.92	57.76	57.37
3	57.60	57.25	57.30	57.55	57.55	58.04	58.05	58.19	58.19	57.95	57.54	57.49
4	58.10	57.70	57.30	57.20	57.10	57.40	57.45	57.83	58.09	58.30	58.22	57.86
5	59.35	58.55	**58.40**	58.60	58.60	58.74	59.09	59.37	59.70	59.74	59.82	59.78
6	60.65	60.40	60.15	60.10	60.25	60.59	61.09	61.30	61.33	61.24	61.03	60.64
7	61.05	60.60	60.45	60.15	60.05	60.45	60.60	60.78	60.93	60.87	60.52	60.14
8	**61.20**	60.45	59.80	59.50	59.45	59.79	60.39	60.53	60.51	60.22	59.92	59.58
9	59.20	58.90	58.70	58.60	58.45	58.49	58.72	58.93	58.93	59.04	58.83	58.48
10	58.85	58.45	58.25	58.20	58.05	58.45	58.55	58.95	58.99	58.76	58.76	58.43
11	58.70	58.10	58.10	58.05	57.95	58.32	58.67	58.64	58.48	58.53	58.41	58.11
12	58.60	58.05	57.85	57.70	57.95	58.30	58.50	**58.70**	58.48	58.27	58.33	58.13
13	**57.70**	57.20	56.85	56.85	56.90	57.12	57.18	57.22	57.27	57	56.78	56.49
14	55.55	55.40	55.30	55.30	55.45	55.64	55.40	55.49	55.55	55.19	54.87	54.79
15	56.15	55.40	**55.05**	55.20	55.25	55.56	55.86	56.46	56.43	56.24	56.13	55.73
16	56.60	56.15	**55.95**	**55.95**	56.05	56.51	56.61	57	57.23	56.79	56.95	56.35
17	56.90	**56.60**	56.70	57	56.80	56.95	57.69	58.12	58.40	58.32	58.41	57.83
18	57.75	57.60	57.60	57.80	58.10	58.52	58.76	59.07	**59.26**	59.18	59.17	58.88
19	57.60	57.35	57.10	57.05	57.15	57.65	58.01	58.14	**58.38**	58.23	57.97	57.67
20	57.50	57.05	56.90	**56.85**	57.10	57.48	57.85	58.54	58.59	58.55	58.58	58.41
21	59.15	59	58.85	59.10	59.40	59.80	60.06	60.47	60.62	60.35	60.17	59.73
22	**60**	59.85	59.25	59.20	59.25	59.41	59.71	59.59	59.60	59.67	59.48	59.13
23	**58.70**	58.05	57.95	57.70	57.60	57.66	57.71	57.89	57.93	58.20	57.87	57.57
24	56.80	56.15	55.95	55.80	55.75	55.91	56.15	56.75	56.90	57.10	57.05	56.61
25	56.05	55.80	55.70	55.75	55.75	56.14	56.55	56.94	56.99	57.05	56.92	56.78
26	56.90	56.55	56.45	56.70	56.95	57.33	57.84	58	58.06	57.98	57.97	57.53
27	57.70	57.60	57.40	57.50	57.65	57.94	58.40	58.49	**58.66**	58.54	58.43	58
28	57.20	57.05	57.05	57.10	57.05	57.44	57.44	**57.71**	**57.71**	57.57	57.49	57.06
29	56.85	56.50	56.20	56.15	56.30	56.59	56.82	57.02	57.08	57.02	56.71	56.40
30	56.60	56.15	56	56	56.30	56.69	57.04	57.42	57.62	57.55	57.53	57.15
31	58.20	58.35	57.95	57.70	57.75	58.15	58.70	**59.45**	59.40	59.20	58.76	58.34
Mean	58.01	57.61	57.41	57.42	57.48	57.80	58.07	58.32	58.41	58.33	58.19	57.87

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	25.3	25.2	24.5	24.4	24.5	24.6	24.8	25.8	26.2	**27.8**	27.7	24.7
2	23.3	**23.1**	**23.1**	**23.1**	23.3	23.5	24.4	26.8	29.5	29.8	**30.4**	27.8
3	23.4	23.3	23.4	23.3	**23.2**	23.4	25	28	30.1	30	**30.5**	29.8
4	24	23.8	23.1	**22.9**	23	23.2	24.6	26.5	27.8	29.3	28.9	28.9
5	25.3	25.1	25	24.7	24.3	**24.2**	25	26.5	27.2	30.8	31.6	31.4
6	24.1	23.6	23.7	23.5	**23.3**	23.4	26.7	28.1	28.9	28.3	28.6	30.8
7	24.8	24.6	24	23.7	23.6	23.6	25.9	28.7	28.3	28.6	30.3	30.8
8	22.2	22	21.9	21.8	**21.7**	21.9	25.1	27.3	28	28.7	29.6	30.2
9	23.8	24.1	23.7	**23.5**	23.6	24.2	27	28.7	30.1	30.1	30.5	**30.8**
10	25.5	25.1	**24.9**	**24.9**	25	25.2	27.9	28.8	29.2	29.6	30.4	30.8
11	27.3	26.8	27.1	25.9	**24.9**	25.2	27.5	29	29.4	29.8	**31**	30.7
12	27.2	26.3	25.3	24.7	24.5	24.5	25.6	27	28.4	29.9	30.2	30.2
13	23.4	23.3	**23.2**	23.4	23.5	23.4	25	27.5	27.4	29.4	29.6	**30.9**
14	25	24.8	24.6	24.5	**24.4**	24.6	26.3	28.3	**29.8**	29.2	29.1	28
15	24.4	23.8	23.8	**23.7**	**23.7**	24.1	24.6	25	27.2	28.3	28.3	29
16	24.5	24.2	24	23.6	23.3	23.4	24.2	25.2	26	**27.4**	25.8	25
17	23.5	23.9	23.3	**23**	**23**	23.4	24.4	23.6	24.4	26.8	**27.5**	27.3
18	23.1	23.1	22.9	**22.8**	**22.8**	23	24.3	26.7	29.1	29.3	30.1	31.1
19	23.3	23	22.7	22.5	**22.3**	**22.3**	25.7	28.2	29.2	29.4	30	30.1
20	23.7	23.5	23.3	**23.2**	**23.2**	**23.2**	23.7	24.6	23.9	25.7	26.6	**27.2**
21	23.1	22.8	22.8	22.7	**22.5**	22.6	23.4	24.5	26.7	28.2	29.2	29.4
22	24.3	23.6	23.4	23.2	23.1	**22.9**	25.9	28.4	29.6	30.3	29.2	29.8
23	23.9	23.3	23.3	23.1	**22.8**	22.9	25.9	28.2	28.6	28.3	29.7	**30.7**
24	24.2	23.8	23.6	23.4	23	**22.8**	25.7	27.9	28.4	29	29.8	30.6
25	24.3	23.8	23.3	23.2	**23.1**	23.5	26	28	29	29.2	29.9	29.9
26	24.5	24.1	23.7	23.5	**23.3**	23.4	25.7	28.3	30.4	29.5	30.4	30.9
27	24.9	24.6	24.5	24.1	**23.7**	23.8	26.8	28	29.7	30.3	31.2	31.2
28	25.2	24.8	24.6	24.4	24	**23.8**	25.8	28	28.9	29.7	30.3	30.7
29	24.9	24.6	24.3	23.7	**23.6**	**23.6**	25	27.3	29.7	30.1	30.4	31.2
30	25.8	26.5	26.5	24.7	**24.6**	**24.6**	26.6	28.6	29.3	30.2	30.2	**31.2**
31	24.5	24.1	**24**	**24**	24.2	25	25.2	25.9	27.6	29.3	29.1	29.7
Mean	24.4	24.1	23.9	23.6	**23.5**	23.7	25.5	27.2	28.3	29.1	29.6	**29.7**

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
57.24	56.67	**56.57**	56.73	57.37	57.80	58.24	58.30	58.25	58.65	**58.70**	58.40	57.59
57.18	57.10	56.85	56.58	56.84	57.50	58.35	58.55	58.75	**58.90**	58.55	58.10	57.50
57.41	57.03	**56.67**	56.92	56.94	57.35	57.80	58	58.15	58.10	58.10	**58.45**	57.65
57.27	56.88	**56.53**	56.63	56.89	57.03	57.62	58.45	58.80	59.50	**59.85**	59.75	57.82
59.46	59.11	58.95	58.80	58.77	59.22	59.79	60.50	60.70	**61.10**	61.05	60.95	59.51
59.99	59.02	**58.88**	**58.88**	59	59.34	59.84	60.40	60.80	61.40	**61.60**	61.40	**60.39**
59.38	58.90	58.65	**58.22**	58.36	59.16	59.89	61	61.75	**61.85**	61.30	61.35	60.27
59.27	58.88	**58.36**	58.38	58.44	58.97	59.03	59.05	59.25	59.35	59.70	59.40	59.56
58.15	57.76	57.40	**57.26**	57.44	57.81	58.15	58.60	58.90	58.15	**59.30**	59.20	58.47
58	57.82	57.31	**56.91**	57.11	57.37	57.68	58.35	58.85	59.15	**59.30**	59	58.31
57.72	57.12	56.99	56.89	**56.84**	57.15	57.90	58.25	58.75	**59.05**	**59.05**	58.95	58.11
57.47	57	56.59	56.32	**56.27**	56.57	57.09	58.05	58	58.35	58.30	58.05	57.79
56.39	56.20	55.69	**55.24**	55.38	55.74	56.14	56.15	56.35	56.50	56.60	56.25	56.55
54.57	**54.25**	54.62	54.49	54.83	55.17	55.77	56	56.05	56.10	**56.40**	56.25	**55.35**
55.43	55.39	55.23	55.55	55.95	55.98	56.10	56.55	56.85	57.05	**57.30**	56.90	55.99
56.42	56.16	56.31	56.01	56.46	56.49	57.06	57.05	57.30	57.50	**57.55**	57.05	56.65
57.73	57.40	56.94	57.29	57.04	57.11	57.59	57.90	58.30	58.50	**58.55**	58.35	57.60
58.42	57.87	57.54	**56.99**	57.04	57.08	57.26	57.55	58.15	58.50	58.45	58.20	58.11
57.14	56.84	56.40	**56.14**	56.31	56.66	57.14	57.40	57.65	58.05	58	57.75	57.41
58.19	57.64	57.48	57.45	57.28	57.29	58.04	58.45	58.95	59.20	**59.30**	59.25	58
59.24	59.07	58.66	**58.52**	58.64	59.12	59.39	60.00	60.45	**60.70**	60.55	60.40	59.64
58.73	58.39	**58.34**	58.42	58.62	58.40	58.90	59.10	59.35	59.60	59.20	58.85	59.17
56.89	56.62	56.27	55.92	**55.82**	56.37	56.80	57.10	57.40	57.45	57.40	57.30	57.34
56.16	55.94	55.25	**55.13**	55.15	55.14	55.70	56.30	56.85	**57.25**	57.20	56.70	56.24
56.34	55.78	55.30	**54.95**	55.07	55.37	55.96	56.35	57.10	57.55	**57.80**	57.20	56.30
57.01	56.39	56	**55.76**	56.26	56.51	57.18	57.75	58.15	**58.40**	58.30	57.90	57.24
57.17	56.90	56.39	56.10	**56.06**	56.12	56.45	56.95	57.15	57.55	57.60	57.55	57.43
56.66	56.17	55.80	**55.60**	55.84	56.10	56.29	56.55	56.80	57	57.05	57.10	56.87
56.25	55.62	55.20	**54.92**	55.10	55.25	55.75	56.10	56.70	57.05	**57.40**	57	56.33
56.65	56.23	**55.99**	56.01	56.50	56.56	57.18	57.70	57.85	58.50	**58.70**	58.20	57
57.75	57.17	**56.80**	56.87	56.94	57.82	58.39	58.70	58.65	58.80	58.55	58.45	58.20
57.47	57.07	56.77	**56.64**	56.79	57.08	57.56	57.97	58.29	58.54	**58.60**	58.38	57.75

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
25.3	26.4	**27.8**	27.7	24.3	23.7	**23.6**	**23.6**	24	23.7	24.2	**23.6**	25.1
26	25.6	25.3	25.6	25.6	24.9	24.5	24.2	24.1	24	23.8	23.5	25.2
28.9	29.4	27.8	27.7	27.3	26.5	25.5	24.8	24.5	24.4	24.2	24.2	26.2
29	29.3	**29.9**	28.4	28.2	27.8	27.1	27	27	26.5	26.1	25.9	26.6
31.8	31	29.8	29.5	29.1	28.3	27.9	27.5	26.3	25.5	24.9	24.3	27.4
30.1	**31.7**	29.4	**31.7**	28.7	27.8	26.8	26.6	26.1	25.7	25.1	25	27
31.3	31.8	**32.1**	31	30.6	28.7	28.2	25.8	22.1	**21.8**	22.2	22.1	26.9
31.1	**31.3**	30.6	29.3	28.3	27.5	26.9	25.5	25	24.6	24.2	23.9	26.2
30.4	30.5	**30.8**	30	29.6	28.1	27.9	27.7	27.4	27.4	26.2	25.8	27.6
30.9	30.7	30.7	29.9	29.8	28.5	27.9	27.8	27.8	27.7	27.7	27.7	28.1
30.8	30.9	30.8	30.4	29.8	28.9	28.6	28.3	28.4	27.9	27.6	27.4	**28.5**
30.9	30.8	**31.1**	31	30.4	27.9	27.5	24.5	23.5	**23.4**	23.9	23.5	27.2
29.5	27	27.2	28.6	28.5	28.1	27.9	26.7	26	25.9	25.6	25.1	26.5
28.1	27	26.9	27.2	27.2	27	26.4	26.3	26.4	26	25.5	25.3	26.6
29.5	28.1	26.9	26	25.6	25.1	24.9	24.5	24.4	24.6	24.5	24.4	25.6
23.3	24.7	23.9	23.4	23.4	23	**22.7**	22.9	23.6	24.1	23.9	24.1	**24.2**
26.5	25.4	27.4	24.7	26.5	25.7	24.7	24.2	23.9	23.7	23.5	23.4	24.7
31.9	31.2	31.1	30.2	29.2	28	26.1	25.6	25	24.7	24.1	24	26.6
30.8	31.7	**32**	29	30.9	29.6	27.8	26.4	25.8	25	24.4	24.2	26.9
27.2	27	27.1	26.8	26.5	25.6	24.8	24.4	24.1	23.6	23.4	23.3	24.8
30.7	30.7	**31.7**	30.7	29.2	27.2	26.2	25.9	25.4	24.9	25	24.5	26.2
29.4	**30.9**	28.4	27	26.2	25.9	25.5	25.3	25.2	24.6	24.3	24.2	26.3
29	28.6	26.9	27.2	27	26.3	25.3	25.2	25.2	24.8	24.6	24.6	26.1
30.6	**31.8**	30.6	31	31.3	29.5	27.7	27.3	26.3	26.1	25.9	25.1	27.3
30.7	31.5	**32**	31.1	29.8	29.4	27.9	27.2	26.8	26.4	26	25	27.4
32	32	32.2	**32.3**	31.8	29.9	29.1	27.1	26.7	25.8	25.3	24.7	27.8
31.5	30.2	30	31.4	30.7	29.7	29	28.4	27.2	26.2	25.6	25.4	27.8
30.8	**31**	30.6	30.7	30.5	29.2	28.8	28.6	26.4	25.9	25.6	25.3	27.6
31.6	**31.9**	30.9	30.4	30.7	29.1	28.5	28.2	27.5	27.5	27.6	26	27.8
31.2	30.7	30.9	31.1	28.8	28.4	28.2	28.1	28	26.8	26.6	26.2	28.1
29.2	**30**	29.8	29.4	29	27.5	27.3	26.5	26.8	25.9	24.9	24.5	26.8
29.7	**29.7**	29.4	29	28.5	27.5	26.8	26.2	25.7	25.3	25	24.7	26.7

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	97	**98**	97	97	97	96	97.5	94	88	82	**77**	93
2	94	95	95	95	95	95	93	82	72	73	**70**	81
3	98	**99**	98	**99**	**99**	**99**	88	77	71	**69**	**69**	71
4	91	92	95	93	93	**96**	91	85	80	**74**	75	75
5	94	**96**	95	95	**96**	95	93	88	85	67	**60**	63
6	93	97	97	**98**	97	97	88	77	76	79	76	68
7	91	94	96	96	**97**	94	89	78	81	78	70	68
8	95	96	96	**97**	96	**97**	90	84	79	75	72	71
9	96	94	96	**97**	96	95	89	79	72	74	**71**	72
10	90	91	92	92	**95**	93	83	80	77	74	70	**69**
11	79	83	86	92	**96**	94	85	74	76	75	69	**67**
12	81	87	93	**97**	96	95	93	80.5	74	71	73.5	73.5
13	94	94	95	95	**97**	95	89	81	83	74	70.5	**69**
14	**92**	91	91	89	90	89	84	79	**73**	74	76	78
15	92	**94**	93	93	93	92	91	89	80	75	78	**74**
16	**87**	89	91	93	**95**	**95**	91	**87**	**87**	**87**	90	90
17	92	92	91	90	92	93	93	**96**	92	85	84	84
18	**96**	95	**96**	**96**	**96**	94	94	87	79	79	74	72
19	96	94	96	**96.5**	96	95	84	76	74	75	71	71
20	91	92	92	93	92	92	91	90	91	86	81	**77**
21	96	**97**	**97**	**97**	96	94	91	91.5	83	72	74	74.5
22	91	91	92	92	93	92	83	77	70	**66**	71.5	71
23	97	**99**	98	98	**99**	98	89	77	75	77	75	**70.5**
24	97	97	98	98	**99**	98	90	82	77	78	73	71
25	92	92	**95**	94	**95**	**95**	86	82	81	76	74	73
26	94	95	97	**98**	97	95	88	75	69	72	72	70
27	90	90	90	91	**93**	**93**	84	82	75	72	69	68
28	92.5	94	**95**	93	**95**	94	89	79	76	71	72	72
29	92	93	95	**98**	97	97	94	85	75	73	72	68
30	90	88	88	**96**	**96**	**96**	89	80	75	73	74	71
31	88	90	93	92	95	94	**96**	93	87	79	77	71
Mean	92.2	93.2	94.2	94.9	**95.5**	94.7	89.5	82.8	78.5	75.3	73.6	73.1

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23.1	**23.2**	22.3	21.9	22	22	22.6	**23.2**	22.2	22.8	21.2	21.5
2	20	**19.9**	**19.9**	**19.9**	20.1	20.4	21.2	21.4	22	22.6	**22.7**	22.4
3	21	21.1	21	21.1	20.9	21.2	20.8	21.7	22.4	21.7	22.4	22.2
4	20.3	20.2	19.9	**19.3**	19.4	20.2	20.8	21.8	22.2	22.3	22.1	22.1
5	22.6	22.7	22.4	21.9	21.6	21.3	22	22.6	22.8	22	**20.9**	21.4
6	20.8	20.9	21.2	21.1	20.7	20.6	22.9	21.6	22.4	22.5	22.1	22.4
7	21.1	21.6	21.2	20.8	20.9	20.3	22.2	22.9	**23.2**	22.6	22.3	22.4
8	18.8	18.8	18.8	18.9	**18.6**	19	21.3	22.7	22.1	22.1	22.3	22.5
9	20.9	21	20.8	**20.7**	**20.7**	21.3	23.5	23.1	22.9	23.5	23	**23.9**
10	21.8	21.5	21.6	21.6	22.4	22.2	23.2	**23.4**	23.2	22.8	22.4	22.9
11	**21.3**	21.8	22.8	22.8	22.4	22.4	23.2	22	23	**23.5**	23.2	22.1
12	21.6	22.1	22.2	22.3	21.9	21.7	22.5	21.3	21.2	22.3	23.4	23.4
13	20.1	**20**	**20**	20.3	20.7	20.3	21	22	22.5	22.5	21.7	22.8
14	21.6	21.1	20.8	20.3	20.4	20.4	21.3	22.5	22.6	22.2	**22.8**	21.9
15	21	20.6	20.4	20.2	20.2	20.6	20.8	21	21.4	21.5	22.3	21.9
16	19.8	19.9	20.1	20.1	20.1	20.3	20.5	20.7	21.7	**23.7**	22.3	21.2
17	19.8	20.3	19.4	**18.8**	19.2	19.9	21.2	20.7	21	22.2	**22.8**	22.5
18	20.1	19.9	19.8	19.7	19.7	**19.6**	21.2	22.7	23.7	23.8	23.5	**24.1**
19	20.3	19.6	19.6	19.5	19.3	**18.9**	20.5	21.6	22.3	**22.9**	22.5	22.6
20	19.9	19.8	19.6	19.7	**19.5**	**19.5**	19.9	20.7	20	21.1	21	20.6
21	20.1	19.9	19.9	19.8	19.4	**19.1**	19.5	20.9	21.7	20.5	22.3	22.6
22	20.5	19.8	19.7	19.5	19.5	**19.1**	20.6	22.3	21.5	21.1	21.5	22
23	21.5	21.1	20.9	20.6	**20.4**	**20.4**	22.2	22	21.7	22.1	23.3	23.1
24	21.8	21.3	21.3	21	20.7	20.3	22.1	22.7	22	**23.1**	22.6	**23.1**
25	20.9	20.2	20.1	**19.8**	19.9	20.4	21.5	23.1	24.1	22.8	23.2	22.7
26	21.5	21.1	21	21.1	20.5	**20.3**	21.7	21.5	22.3	22.2	23.1	**23.2**
27	21	20.7	20.5	20.4	**20.2**	20.4	22	22.9	23.1	23.2	23.2	23
28	22	21.9	21.8	21.2	21	**20.6**	22	22.1	22.5	22	23.2	23.8
29	21.6	21.4	21.4	21.4	**20.9**	**20.9**	22.1	22.9	**23.3**	**23.3**	**23.3**	23
30	22.3	22.6	22.6	22.2	22	22	23	23.1	22.7	23.2	23.7	**23.9**
31	20.1	**20**	20.7	20.4	21.3	22.1	22.8	23	**24**	**24**	23.1	22
Mean	20.9	20.8	20.8	20.6	**20.5**	20.6	21.7	22.1	22.4	22.5	**22.6**	**22.6**

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
92	85	82	81.5	94	93	94	95	93	95	93	94	**91.9**
89	93	93	91	91	94	96	97	97	97	97	**99**	90.6
76	74.5	82	79	80	82	86	89	90	91	91	91	85.4
76	76	75	80	79	79	82	83	84	87	85	90	84
64	63	71	70	76	78	80	84	92	92	95	93	82.7
66	62	71.	**58**	82	83	88	87	84	86	89	91	82.9
66	61	**60**	67	71	76	80	91	89	89	93	94	82
65	**65**	70	77	81	82	82	87	89	92	92	94	84.3
74	74	72	**71**	**71**	75	76	77	78	79	87	88	81.4
70	70.5	70	71	71	75	76	76.5	76.5	78	79	79	79.1
70	68	**67**	72	74	77	77	81	77	82	81	80	**78.4**
69	70	**68**	69	72	84.5	79	82	91	91	91	92	82.2
75	80.5	81	72	73	77	77	85	87	89	88	90	83.8
78	83	86	81	81	81	83	82	78	86	86	87	83.2
75	78	80	80	85	88	88	91	91	90	91.5	89	86.3
90	89	91	94	94	**87**	93	93	92	91	92	91	90.8
85	88	84	88	**82**	87	90	91	92	92	93	94	89.6
65	**65**	67	69	71.5	74	83	85	90	91	93	92	83.5
64	65	**59**	73	63	70.5	81	88	84	86	90	90	80.8
78	77.5	79	81	82.5	85	89	90	91	95	**96**	**96**	87.8
72	70	**65**	70	80	92	94	94	93	92	87.5	91	86
73	69	84	**95**	96	95	94	96	96	**98**	97	97	86.6
74	82	86	83.5	86	90	93	95	96	96	97	97	88.7
65	60.5	63	**59**	61	68.5	76	78	81	86	87	88	80.5
69	66	**62**	68	78	79	88	90	90	89	91	93	83.2
63	63	60	**59**	61	67	72	80	80	88	88	90	78.9
66	71	75	68	72	77	76	80	82	89	91	92	80.7
72	71	71	**70**	74	76	78	75	89	91	92	93	82.3
66	**65**	70	72	67	74	75	81	84	85	83	91	81.3
69	69	68	**65.5**	74	77	77	80	76	83	84	87	80.2
72	71	71	**70**	71	78	77	82	82	88	92	94	83.5
72.5	**72.4**	73.6	74.3	77.2	80.7	83.2	86	86.9	89.2	90.1	91.2	84

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
21.9	21.7	22.6	22.4	21.2	**20.2**	20.3	20.5	20.7	20.6	20.9	20.3	21.7
22.3	22.5	22.2	22.1	22.1	22	21.9	21.8	21.7	21.4	21.2	21.3	21.5
22.4	**22.6**	**22.6**	21.6	21.5	21	20.9	20.7	20.5	20.8	20.5	**20.3**	21.4
22.7	23.1	**23.4**	23.1	22.4	22	21.8	22.1	22.3	22.4	21.4	22.4	21.7
22.2	21.1	22.2	21.3	22.7	22.3	22.3	22.8	**23.3**	22.2	22.2	21	22.1
21	21.6	21.6	**20.2**	**23.9**	23.1	23	22.6	21.1	21.1	21.1	21.3	21.7
22.6	21.4	21.4	22.5	23.1	22.2	22.8	22.4	17.6	**17.3**	18.5	18.5	21.3
21.8	22.1	23	**23.4**	23.2	22.4	21.6	21	21	21.1	20.7	20.7	21.2
23.7	**23.9**	**23.9**	22.5	21.9	21.2	21.1	21.2	21.3	21.4	22	21.6	22.1
23.2	23.1	22.9	22.2	22	21.6	**21.1**	21.2	21.2	21.5	21.9	21.9	22.2
23	22.5	22.2	23.3	23.1	22.8	22.3	23.2	22	22.7	22.1	21.7	**22.6**
23	23	22.8	22.9	23.3	**23.6**	21.6	**18.8**	19.6	19.5	20	19.8	21.8
23	21.3	21.6	20.9	21	21.6	21.4	22.1	21.7	22.2	21.6	21.3	21.4
22	21.9	22.5	21.8	21.6	21.5	21.3	20.9	**19.9**	21.6	20.9	20.8	21.4
22.8	22	20.9	**20**	20.8	20.7	20.6	20.7	20.8	20.7	20.9	20.2	21
19	20.6	20	20.1	20.1	**18.1**	19	19.3	19.9	20.2	20.3	20.2	**20.3**
21.8	21.3	22.6	20.4	21	21.3	20.8	20.5	20.3	20.1	20	20.1	20.8
22.8	21.9	22.4	22	21.5	20.9	20.9	20.8	21.2	21	20.8	20.4	21.4
21.2	22.7	20.9	21.6	20.9	21.7	22.4	22.4	20.7	20.2	20.4	20.2	21
20.8	20.5	21.1	**21.2**	**21.2**	20.8	20.7	20.4	20.4	20.5	20.4	20.3	20.4
23.5	22.9	22.7	22.9	24	**24.7**	23.6	23.4	22.3	21.4	20.6	20.7	21.6
22.2	22.8	24.1	**25.2**	24.2	23.6	22.8	23	22.8	22.6	22	21.7	21.8
22	**23.8**	22.5	22.4	22.7	22.8	22.3	22.6	22.8	22.3	22.2	22.2	22.1
21.1	21.1	20.5	**19.8**	20.6	20.9	21.1	21.1	20.5	21.7	21.6	20.9	21.4
22.5	22.6	21.9	22.8	24.3	24.2	**24.4**	24	23.7	22.7	22.7	22	22.4
22.1	22.1	21.3	21.2	21.4	21.1	21.6	21.2	20.9	21.6	21.2	20.8	21.5
22.9	22.5	23.5	23.3	23.5	**23.7**	22.5	22.8	21.9	22.4	22.1	22.1	22.2
23.9	23.6	23.1	22.9	**23.9**	22.8	22.8	21.7	22.7	22.6	22.4	22.2	22.4
23	22.8	23.2	**23.3**	22.1	22.2	21.8	23	23	23.2	22.8	22.7	22.4
23.2	22.7	22.5	22	21.8	22	22	22.6	**21.3**	21.8	21.8	22	22.5
21.8	22.5	22.2	21.2	21.1	21.2	20.7	21	21.4	21.8	21.6	21.5	21.7
22.3	22.3	22.3	22	22.2	21.9	21.7	21.7	21.3	21.4	21.3	21.1	21.6

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2	Ci.-Cu.	-----	A.-Cu.	SW	Ci.-S.	-----	Ci.-S.	-----	-----	-----	-----	-----
3	A.-Cu.	SW	Ci.-S.	-----	A.-Cu.	SW	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----
4	Ci.-S.	NNW	Ci.-S.	NNW	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----
5	-----	-----	Ci.-S.	-----	Ci.-S.	-----	A.-Cu.	E	A.-Cu.	E	A.-Cu.	-----
6	Ci.	-----	Ci.	-----	-----	-----	Ci.	-----	Ci.	-----	-----	-----
7	Ci.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
8	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----
9	-----	-----	-----	-----	-----	-----	-----	-----	A.-Cu.	NW	-----	-----
10	Ci.	-----	-----	-----	-----	-----	Ci.	-----	Ci.	-----	Ci.	-----
11	Ci.	-----	Ci.	-----	Ci.	-----	-----	-----	A.-Cu.	WNW	Ci.	-----
12	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----
13	Ci.-S.	-----	A.-Cu.	NNW	Ci.-S.	-----	Ci.-S.	-----	A.-Cu.	-----	Ci.	-----
14	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	-----	-----	-----	-----
15	-----	-----	-----	-----	-----	-----	A.-Cu.	-----	A.-Cu.	NW	-----	-----
16	-----	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	-----	-----	-----	-----
17	-----	-----	-----	-----	-----	-----	Ci.-S.	-----	-----	-----	-----	-----
18	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----
19	Ci.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
20	-----	-----	Ci.-S.	-----	-----	-----	-----	-----	-----	-----	-----	-----
21	Ci.-S.	-----	Ci.-S.	ENE	Ci.-S.	E	Ci.-S.	-----	Ci.-S.	-----		-----
22	Ci.	-----	-----	-----	-----	-----	Ci.-S.	SSE	-----	-----	Ci.-S.	-----
23	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.-S.	-----
24	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----
25	Ci.	-----	Ci.	-----	Ci.	NEbyN	Ci.	-----	Ci.	-----	Ci.	-----
26	Ci.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
27	Ci.	-----	Ci.	-----	-----	-----	-----	-----	-----	-----	-----	-----
28	Ci.	-----	-----	-----	Ci.	SE	Ci.	-----	Ci.	-----	Ci.	-----
29	Ci.	-----	Ci.-S.	E	Ci.	-----	Ci.	E	A.-Cu.	SE	Ci.-S.	-----
30	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----
31	-----	-----	-----	-----	A.-Cu.	-----	A.-Cu.	-----	Ci.-S.	-----	Ci.-S.	-----

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.-N.	-----	S.-Cu.	-----	S.-Cu.	SSW	S.-Cu.	SSW	Cu.-N.	-----	N.	-----
2	S.-Cu.	-----	S.-Cu.	-----	Cu.	-----	Cu.	S	Cu.	S	Cu.-N.	-----
3	Cu.	-----	Cu.	-----	Cu.	SSW	Cu.	-----	Cu.	-----	Cu.	-----
4	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	SWbyS	Cu.	-----	Cu.	-----
5	Cu.-N.	-----	S.-Cu.	-----	Cu.	SE	Cu.	SE	Cu.	-----	Cu.	-----
6	Cu.	-----	Cu.	SE	Cu.	SE	Cu.	SE	Cu.	-----	Cu.	-----
7	Cu.	S	Cu.	SE	Cu.	ESE	Cu.	-----	Cu.	-----	Cu.	-----
8	Cu.	-----	Cu.	E	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----
9	Cu.-N.	-----	Cu.-N.	W	Cu.-N.	W	Cu.	-----	Cu.	-----	Cu.	-----
10	Cu.	-----	Cu.	WSW	Cu.	WSW	Cu.	-----	Cu.	WSW	Cu.	-----
11	Cu.	WNW	Cu.	-----	Cu.	WNW	Cu.	-----	Cu.	WSW	Cu.	-----
12	S.-Cu.	-----	S.-Cu.	-----	S.-Cu.	WNW	Cu.	-----	Cu.	-----	Cu.	-----
13	Cu.	WNW	S.-Cu.	WNW	Cu.-N.	-----	Cu.	-----	Cu.	WNW	Cu.	-----
14	Cu.	-----	Cu.	-----	Cu.-N.	W	Cu.-N.	W	Cu.-N.	-----	Cu.-N.	-----
15	Cu.-N.	SW	Cu.-N.	WSW	Cu.	-----	Cu.-N.	-----	Cu.-N.	-----	Cu.-N.	-----
16	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	WSW	N.	-----	N.	-----
17	N.	WSW	Fr.-N.	W	Cu.-N.	-----	Cu.-N.	WSW	N.	WSW	Cu.-N.	-----
18	S.-Cu.	S	S.-Cu.	S	Cu.	S	Cu.	S	Cu.	S	Cu.	-----
19	Cu.	E	Cu.	E	Cu.	E	Cu.	-----	Cu.	E	Cu.	-----
20	S.-Cu.	ENE	Cu.-N.	E	Cu.-N.	-----	S.-Cu.	ESE	S.-Cu.	-----	S.-Cu.	-----
21	Cu.	ESE	Cu.	-----	Cu.	-----	Cu.	S	Cu.	-----	Cu.	-----
22	Cu.	-----	Cu.	-----	Cu.	E	Cu.	E	Cu.	-----	Cu.	-----
23	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	EbyS	Cu.	-----	Cu.	-----
24	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	EbyS	Cu.	-----	Cu.	-----
25	Cu.	-----	Cu.	-----	Cu.	NE	Cu.	NE	Cu.	-----	Cu.	-----
26	Cu.	ENE	Cu.	-----	Cu.	NE	Cu.	-----	Cu.	NE	Cu.	-----
27	Cu.	-----	Cu.	-----	Cu.	NE	Cu.	NNE	Cu.	-----	Cu.	-----
28	Cu.	-----	Cu.	W	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----
29	Cu.	-----	Cu.	NW	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----
30	Cu.	-----	Cu.	WSW	Cu.	W	Cu.	-----	Cu.	-----	Cu.	-----
31	Fr.-N.	SW	Fr.-N.	SW	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Ci.-S.		Ci.-S.									
Ci.-S.		Ci.-S.		Ci.-S.	NNW	Ci.-S.		Ci.-S.		Ci.-S.	
A.-Cu.		Ci.-S.				Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.	
Ci.		Ci.		Ci.-S.		Ci.		Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
				A.-Cu.	WbyN			Ci.-S.		Ci.-S.	
Ci.		A.-Cu.	NNW	Ci.		Ci.		Ci.		Ci.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.		Ci.-S.		Ci.-S.	
						Ci.-S.		Ci.		Ci.-S.	
				Ci.-S.				Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
				Ci.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.								Ci.-S.	
						Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.	N	Ci.-S.		Ci.-S.		Ci.		Ci.-S.		Ci.-S.	
Ci.		A.-Cu.		Ci.-S.	NNE	A.-Cu.	ENE	Ci.-S.		A.-Cu.	
				Ci.		Ci.		Ci.		Ci.	
Ci.		Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
A.-Cu.	W	Ci.-S.		Ci.-S.	N	Ci.-S.	N	Ci.-S.		Ci.-S.	
Ci.-S.		A.-Cu.	NWbyW	A.-Cu.		A.-Cu.		A.-Cu.		A.-S.	
Ci.-S.		Ci.-S.	NW	Ci.-S.		A.-Cu.	WbyS	A.-Cu.		Ci.-S.	

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
N.		Fr.-N.	SSW	N.	SbyW	Cu.-N.	WSW	N.		N.	
Cu.-N.	S	Cu.-N.	S	Cu.-N.	S	Cu.-N.	S	Cu.-N.	S	Cu.-N.	S
Cu.-N.	SEbyS	Cu.-N.	SEbyS	N.		N.	SSW	S.-Cu.		Cu.-N.	
Cu.	SW	Cu.		Cu.-N.		Cu.-N.		Cu.		Cu.	
Cu.	SSE	Cu.	SWbyS	Cu.-N.		Cu.		Cu.		S.-Cu.	
Cu.	SE	Cu.-N.	ESE	Cu.-N.		Cu.-N.	SE	Cu.		Cu.	SE
Cu.		Cu.		Cu.-N.		Cu.-N.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.	WSW	S.-Cu.	WSW	Cu.-N.	WSW	Cu.-N.	
Cu.		Cu.	WSW	Cu.		Cu.		Cu.		Cu.	
Cu.	WSW	Cu.		Cu.		Cu.	WSW	S.-Cu.	WNW	Cu.	
Cu.	W	Cu.	W	Cu.	WbyN	Cu.	WbyN	Cu.	WbyN	Cu.	WbyN
Cu.-N.	WNW	Fr.-N.	WNW	Fr.-N.		S.-Cu.		Cu.		Cu.	
Cu.-N.	W	Cu.-N.	W	Cu.-N.	W	Fr.-N.	W	Cu.-N.		Fr.-N.	
Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.		Cu.-N.		Cu.-N.	
N.	SW	N.	SW	N.		N.		N.		N.	
Cu.-N.		N.	W	Cu.	W	Cu.-N.		Cu.		Cu.	
Cu.	S	Cu.		Cu.	S	Cu.		Cu.		S.-Cu.	
Cu.		N.-cf.	SEbyE	Cu.-N.	ESE	Cu.		Cu.-N.		Cu.-N.	
S.-Cu.	ESE	Cu.-N.	ESE	S.-Cu.		S.-Cu.		S.-Cu.		S.-Cu.	
Cu.	E	Cu.	E	N.-cf.	E	N.-cf.	E	Cu.-N.		Cu.	E
Cu.	E	Cu.-N.	E	Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.-N.	ESE	Cu.-N.		Cu.-N.		Cu.	ESE	Cu.		Cu.	
Cu.-N.		Cu.-N.		Cu.-N.	NE	Cu.-N.		Cu.-N.		Fr.-Cu.	
Cu.		Cu.-N.		Cu.-N.		Cu.		Cu.-N.		Cu.	
Cu.		Cu.		Cu.-N.		Cu.-N.		Cu.-N.		S.-Cu.	
Cu.	NNE	Cu.		Cu.		Cu.		Cu.-N.		Cu.-N.	
Cu.	WbyN	Cu.	WbyN	Cu.-N.		Cu.-N.	WbyN	Cu.-N.		Cu.-N.	NWbyW
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.-N.		Cu.	
Cu.		Fr.-Cu.		Cu.		Cu -N.		Cu.-N.	SW	Cu.-N.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	SW	0.5	ENE	1	ESE	0.5	Calm	--------	WSW	4	Calm	--------
2	ENE	.5	Calm	--------	Calm	--------	ESE	0.5	SE	1	Calm	--------
3	Calm	--------	Calm	--------	Calm	--------	ESE	1	ESE	1	E	1.5
4	ENE	1	NE	1	Calm	--------	Calm	--------	Calm	--------	Calm	--------
5	Calm	--------	Calm	--------	Calm	--------	ESE	.5	ESE	.5	ESE	1
6	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	SE	.5
7	Calm	--------	Calm	--------	Calm	--------	ENE	.5	ENE	.5	Calm	--------
8	Calm	--------	SSE	.5	E	.5	ENE	.5	E	1	Calm	--------
9	SE	1	SE	.5	Calm	--------	Calm	--------	SE	.5	Calm	--------
10	NE	1.5	NE	1	NE	1.5	NE	.5	S	.5	SW	.5
11	W	4	W	2.5	WSW	5	NNE	1.5	NNE	1.5	Calm	--------
12	WNW	3	NW	1.5	NNW	.5	NNE	.5	NE	.5	Calm	--------
13	NNE	.5	Calm	--------	Calm	--------	Calm	--------	NNE	.5	Calm	--------
14	ENE	1	ENE	1.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------
15	NNW	3.5	NNE	2	NNE	.5	Calm	--------	Calm	--------	Calm	--------
16	NNW	2.5	NNW	2.5	NNW	2	NNW	1	Calm	--------	Calm	--------
17	Calm	--------	Calm	--------	SSE	.5	SWbyW	5	SW	1.5	WNW	2.5
18	Calm	--------	Calm	--------	Calm	--------	Calm	--------	E	1	Calm	--------
19	NNE	.5	ENE	.5	ENE	.5	NE	.5	Calm	--------	Calm	--------
20	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NNE	1
21	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NNE	.5
22	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
23	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
24	ENE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
25	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NNE	.5	NNE	1.5
26	NNE	.5	Calm	--------	Calm	--------	NNE	.5	NNE	.5	NE	.5
27	Calm	--------	Calm	--------	Calm	--------	ENE	.5	ENE	.5	Calm	--------
28	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
29	ENE	.5	E	1	E	1.5	E	1.5	Calm	--------	Calm	--------
30	SW	3	WSW	3.5	SW	1.5	ESE	1	ESE	.5	Calm	--------
31	NNE	5.5	NNE	2	ENE	2.5	ENE	1	Calm	--------	W	.5
Mean	------------	1	------------	0.7	------------	0.5	------------	0.5	------------	0.5	------------	0.3

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	WSW	1.5	Calm	--------	Calm	--------	WSW	5	SE	2.5	ESE	1.5
2	SSW	2	SSW	3.5	SW	1	Calm	--------	ESE	3	ESE	3.5
3	W	2.5	W	1.5	WSW	10	SW	5	SWbyW	9	SE	1.5
4	WSW	2	WSW	3.5	WbyS	3	WSW	2.5	WSW	3.5	WSW	1.5
5	Calm	--------	W	4.5	WSW	4.5	W	1.5	W	.5	SSW	1
6	NW	1.5	W	3.5	WNW	1	Calm	--------	ENE	.5	Calm	--------
7	WNW	2.5	WNW	1.5	WbyN	3.5	SWbyW	4	SWbyW	4.5	SWbyW	5.5
8	WSW	1.5	WSW	3.5	SW	4	SW	3.5	SSW	6.5	SSW	6.5
9	WSW	5	WSW	10	SW	10	WSW	9	SWbyW	9	WSW	10
10	WSW	6.5	WSW	7	WSW	7.5	WSW	7	WSW	5.5	SWbyW	5
11	WSW	5.5	SW	7	SWbyW	7.5	SWbyW	9	SWbyW	5.5	SW	5
12	WSW	3.5	WSW	2	WSW	3	WSW	5.5	WSW	4.5	WSW	8.5
13	W	8.5	W	6	WSW	6	SW	5	WSW	7.5	WSW	2
14	WSW	9	WNW	6.5	WSW	5	WSW	9	WbyS	4.5	WSW	5
15	W	5	WSW	2	WSW	3.5	NWbyN	4	Calm	--------	Calm	--------
16	WSW	5.5	SW	4	W	10	NWbyW	2.5	Calm	--------	WNW	2
17	NW	3	WNW	6	NNW	5.5	WNW	4.5	WNW	2.5	NNE	.5
18	SW	2.5	WNW	2.5	NW	2	WNW	1.5	WSW	2.5	WSW	1.5
19	NW	3	WSW	2	ESE	3	SE	2	ESE	2	Calm	--------
20	Calm	--------	Calm	--------	NNW	.5	NNE	3.5	NNW	2	NNW	1.5
21	WNW	6	NW	3	NW	4	N	2.5	E	2.5	Calm	--------
22	WSW	1	SSW	2	SE	.5	SE	2.5	ESE	.5	Calm	--------
23	NNW	1.5	NNE	3.5	NEbyE	3.5	ENE	1.5	Calm	--------	Calm	--------
24	W	1.5	WSW	1	N	1	WSW	1	WSW	2	SWbyW	3
25	WbyN	2	WNW	4	WSW	2.5	WbyS	2	Calm	--------	SSE	.5
26	WSW	1	WSW	2	WSW	2.5	W	4	SW	2	WSW	7
27	WSW	3.5	WSW	2	SW	2.5	WSW	5	WSW	5	W	3
28	SW	2.5	WSW	3	WSW	4	SWbyW	4	WSW	4	WSW	6
29	WSW	6	WSW	4	SW	6	SW	4	SW	5	WSW	4.5
30	W	9.5	W	8.5	WSW	7.5	SWbyW	4	WSW	9	WSW	5
31	WSW	2.5	WNW	1.5	WSW	7	WSW	8	WSW	7	WSW	14
Mean	------------	3.5	------------	3.6	------------	4.2	------------	4	------------	3.6	------------	3.4

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	---------	SE	1.5	Calm	---------	Calm	---------	W	0.5	Calm	---------
E	1	ESE	1.5	SE	1.5	SE	4	SE	5.5	WSW	2
E	1	ESE	1	ESE	3	SSW	.5	WSW	1.5	WSW	3
Calm	---------	Calm	---------	SE	1	SE	1.5	Calm	---------	SW	2
Calm	---------	Calm	---------	ESE	1.5	ESE	.5	S	3	SSW	3
Calm	---------	Calm	---------	WSW	2.5	Calm	---------	WSW	3.5	W	1.5
Calm	---------	E	1.5	Calm	---------	W	2.5	W	1.5	W	2
Calm	---------	ESE	1.5	SW	1.5	WSW	2	WSW	2	WSW	1.5
S	1	SSW	1.5	WSW	2.5	SW	3	WSW	3.5	WSW	4
SW	2	NW	4.5	WSW	8.5	WSW	8	WSW	3.5	WSW	9.5
Calm	---------	W	2.5	WNW	1.5	WNW	4	WSW	1	WSW	6
Calm	---------	Calm	---------	W	1	W	2.5	WNW	2.5	WSW	3
Calm	---------	Calm	---------	WNW	1.5	NW	4	NW	4.5	WNW	4
Calm	---------	WNW	1.5	WbyN	2	SW	7	WSW	6.5	WSW	11.5
Calm	---------	NNE	2	ENE	1.5	Calm	---------	WSW	7.5	WSW	5.5
ENE	1.5	Calm	---------	Calm	---------	Calm	---------	WSW	12	W	3.5
WNW	5	ENE	2.5	SE	1.5	WSW	1.5	WNW	3.5	NW	3
Calm	---------	Calm	---------	E	1	SSE	1	SW	.5	SW	1.5
Calm	---------	Calm	---------	W	1	W	1.5	W	2	W	2.5
Calm	---------	Calm	---------	ENE	.5	Calm	---------	Calm	---------	Calm	---------
NNE	.5	Calm	---------	Calm	---------	W	1	WbyN	3	WNW	3
Calm	---------	NNE	1.5	NNW	3.5	Calm	---------	WSW	2.5	WSW	1
Calm	---------	Calm	---------	NW	1	WNW	2	WNW	2	NWbyW	3.5
Calm	---------	Calm	---------	SW	2	W	2	WSW	2	WSW	4
Calm	---------	Calm	---------	NW	1	NW	2.5	W	2.5	W	4
NE	.5	Calm	---------	Calm	---------	WSW	3.5	WSW	2	WSW	.5
Calm	---------	SSE	.5	SW	1	SSW	1.5	WSW	2	W	3
Calm	---------	Calm	---------	W	.5	WSW	1.5	WNW	2	WSW	2.5
Calm	---------	Calm	---------	ENE	.5	W	2.5	WSW	2.5	SW	3.5
Calm	---------	ESE	.5	SSW	3.5	SW	3	WSW	8	WSW	5.5
ESE	1	Calm	---------	Calm	---------	WNW	3	NW	2.5	NW	2.5
------------	0.4	------------	0.8	------------	1.5	------------	2.1	------------	3.1	------------	3.3

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		Midnight.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm	---------	Calm	---------	NNW	0.5	ENE	2	Calm	---------	E	0.5	0.9
SSE	1	Calm	---------	Calm	---------	ESE	.5	ESE	1	Calm	---------	1.4
SE	1	E	2	ESE	1	Calm	---------	Calm	---------	Calm	---------	2
SW	2	SW	3	SW	2.5	SW	2	Calm	---------	Calm	---------	1.3
SSW	1.5	SW	1.5	Calm	---------	Calm	---------	Calm	---------	Calm	---------	1
ESE	1	SSE	1.5	SSE	1.5	SSE	1	SSE	.5	ESE	.5	.9
WSW	4.5	NNE	7	NNE	4	ESE	3	NNE	2	Calm	---------	2.1
SW	2	ESE	1.5	E	.5	ESE	1	SE	1	Calm	---------	1.8
WbyS	9	WSW	7	WSW	6	WbyN	2	NbyW	1	NE	1.5	4
SWbyW	8	WSW	7	WSW	7.5	WSW	6	WSW	5.5	WSW	6	5
WbyS	5.5	SSW	7	WSW	4.5	NW	3.5	NW	4.5	W	1	4
W	1.5	NE	2.5	NE	2	NE	1.5	NNE	2	NNE	2	2.2
WbyN	1	NE	.5	Calm	---------	Calm	---------	ENE	.5	E	1	2.2
WSW	5	WNW	3.5	WNW	4	NW	3.5	NW	3.5	NW	3	3.9
Calm	---------	Calm	---------	Calm	---------	NNE	1	NNE	1	NNW	2.5	1.7
SSE	1	Calm	---------	SSW	5.5	SSW	4	Calm	---------	WSW	2	2.6
NNE	.5	NNE	.5	ENE	.5	E	1	E	1	E	.5	2.2
Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	.7
EbyS	1.5	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	.9
N	1	N	1	N	1.5	Calm	---------	Calm	---------	Calm	---------	.5
Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	1.1
Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	.6
Calm	---------	Calm	---------	ENE	1	Calm	---------	Calm	---------	Calm	---------	.8
SSW	3	WSW	1	Calm	---------	ESE	1	NNE	.5	Calm	---------	1.1
SSE	1	Calm	---------	Calm	---------	ESE	2	Calm	---------	Calm	---------	1.1
SW	1.5	ENE	1	Calm	---------	N	1	N	.5	NE	.5	1.3
WNW	3	WNW	1	NNE	1	Calm	---------	Calm	---------	Calm	---------	1.5
WSW	7.5	W	3	NE	.5	Calm	---------	Calm	---------	ENE	.5	1.7
WSW	6	SWbyW	4.5	SWbyW	3	WSW	3.5	WSW	4	ESE	1	2.7
WSW	3	WSW	9	W	6.5	NNW	2	WSW	2	NW	3.5	4.1
WbyS	12	W	5	WSW	4	ESE	3.5	E	1.5	Calm	---------	3.6
------------	2.7	------------	2.3	------------	1.9	------------	1.5	------------	1	------------	0.8	2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	1	1.5	2.5	1.5	6.5	13.5	0	2.5	3.5	1.5	4.5	3.5
2	2.5	3.5	1.5	1.5	3	3	3	4	6.5	7.5	9.5	10
3	0	1.5	1.5	4	4	6	4.5	5	5	4	6	11
4	2	4	2	0	0	0	3	3.5	5.5	5	6	5
5	0	.5	.5	1.5	3	3	1	1	3	2	4.5	7
6	0	.5	0	.5	0	.5	.5	.5	2.5	6	12.5	12
7	1	.5	1.5	2	4	2	1	3	2	3	10	12
8	1	1.5	2	4	3.5	2	1.5	2.5	5	7.5	11	15
9	2.5	5.5	2	2	3	3	6	9	11	14	22.5	22.5
10	4.5	3	4.5	4	3	2	10	13	13.5	17	26	24
11	18	8	16	12	4	4.5	1.5	3	11	12	9.5	16
12	12	7.5	4	2.5	1.5	1.5	.5	0	2.5	5.5	10	13
13	3.5	1	0	.5	1.5	2	1	0	1.5	6.5	13	14
14	1.5	5	2	2.5	1.5	0	1	8.5	7	14.5	32	32
15	13	12.5	3.5	.5	0	0	.5	3.5	7	6.5	15	16
16	14	14.5	12.5	8	0	0	0	.5	0	.5	11	25
17	8	3	3	13.5	19.5	6.5	12.5	8	3.5	4	8.5	15.5
18	2	1	2	2	3	0	0	1	2	2	3	2
19	2	2	2	2	2	.5	0	.5	2	7	12	13
20	0	.5	.5	0	.5	1	2.5	2.5	9.5	5.5	5.5	3.5
21	.5	0	1	2.5	1	2.5	2.5	1	0	3	12	13
22	3.5	1	2	.5	0	0	0	4	8	6	7	4
23	.5	.5	2	1	.5	2	1	1	4	6	12.5	11.5
24	.5	2.5	.5	.5	.5	1.5	1	1	2.5	6	9.5	11
25	0	1	0	1.5	1.5	7	9	2.5	3	9	11	14
26	2	2	0	2	2	4.5	5	5	1.5	7	11	11
27	2	1	2.5	2	2.5	2	0	2	4	4.5	8.5	10.5
28	.5	0	.5	0	1.5	1.5	1	.5	4.5	8	11	11
29	1.5	3	3.5	3	2	1.5	1	.5	2.5	5.5	9	12
30	4.5	18.5	6	4.5	2.5	3	4	4	13	20	23	24.5
31	18.5	10	5	4.5	2	3.5	4.5	3	2	8	12	9
Mean	4	3.8	2.8	2.8	2.6	2.6	2.5	3.1	4.8	6.9	11.6	13

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
2	10	7	8	8	9	10	10	10	10	10	10	10	9.3	2	35
3	4	4	7	8	9	9	9	9	10	10	10	10	8.2	5	55
4	9	8	8	8	9	9	8	8	8	8	7	6	8	2	55
5	10	9	8	5	8	9	9	8	10	10	10	10	8.8	3	10
6	3	5	4	5	6	5	6	8	6	8	6	7	5.8	7	20
7	6	3	5	5	3	4	8	8	6	6	5	7	5.5	9	05
8	6	3	3	3	3	4	4	6	7	8	8	8	5.2	7	45
9	8	5	5	6	6	5	4	3	5	7	3	5	5.2	8	55
10	4	9	8	3	4	3	5	5	5	4	4	2	4.7	8	45
11	5	2	2	3	4	5	9	9	9	8	10	7	6.1	9	10
12	9	10	9	7	7	7	10	10	7	8	7	8	8.2	6	20
13	10	10	10	8	7	7	9	10	10	9	7	10	8.9	3	05
14	8	10	8	9	9	10	10	10	10	10	10	10	9.5	1	15
15	10	10	10	9	9	10	10	10	10	10	10	10	9.8	1	30
16	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
17	10	10	10	10	10	10	10	10	10	10	10	10	10	0	45
18	10	10	10	9	9	9	10	10	10	9	10	10	9.7	4	20
19	3	2	2	6	5	4	4	6	5	7	9	9	5.2	9	20
20	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
21	4	7	5	4	7	8	8	8	9	9	10	9	7.3	5	10
22	2	2	2	5	7	9	9	9	10	10	10	10	7.1	4	30
23	4	8	8	8	9	7	8	8	10	7	8	8	7.8	5	30
24	7	7	6	7	7	7	5	8	5	4	3	4	5.8	9	45
25	2	4	5	6	5	6	4	3	4	5	4	4	4.3	8	30
26	3	2	2	2	2	2	2	2	4	5	6	6	3.2	40	15
27	2	1	3	3	3	4	6	6	6	8	6	8	4.7	9	20
28	5	6	5	6	7	6	7	9	9	9	10	9	7.3	7	05
29	7	7	8	8	8	8	9	9	8	7	8	9	8	8	40
30	9	9	9	8	9	9	9	8	6	8	10	9	8.6	6	55
31	10	10	10	10	9	10	9	6	7	10	10	10	9.2	2	25
Total														170	15
Mean	6.8	6.8	6.8	6.7	7.1	7.3	7.8	7.9	7.9	8.2	8.1	8.2	7.5	5	30

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-Mdt.	Mean.
3. 5	1	0. 5	9. 5	**13.5**	7. 5	4. 5	1. 5	1	3	9	2	4. 1
11	**12**	8	0	5	10	5	2	1	2	3	3. 5	4. 9
17	8	13	**25**	21	9	3	7	5	3	2	1	6. 9
9	9	9	9	9	9	7	11	11	**13**	5	2. 5	5. 8
5. 5	10	**16**	11. 5	5. 5	5	6	5. 5	1. 5	. 5	. 5	0	3. 9
14	11. 5	7	3. 5	4	2	1	4. 5	5. 5	3. 5	4. 5	3	4. 1
11	17	15	15	18	17	19	**23**	**23**	10	7. 5	3	9. 2
11	17	24	**26**	25	24	13	5	2. 5	2. 5	3. 5	2. 5	8. 9
30. 5	**31**	30	27	**31**	**31**	27	25	20	16	6	5	15. 9
26	28	28	29	**31**	29	·26	27	24	22	20	21	**18.1**
22	24	28. 5	**29**	25. 5	27	26. 5	22. 5	16. 5	15. 5	15. 5	7. 5	15. 6
16	13. 5	16. 5	22. 5	23. 5	**33**	24. 5	23	5. 5	8	7	5. 5	10. 8
27	**28**	26	16. 5	20. 5	14. 5	11	6	1. 5	1	1. 5	3	8. 4
30	25	23	**33**	18	14. 5	17. 5	20	19	14	14	11	14. 4
14. 5	14. 5	15	**17.5**	10	. 5	0	0	0	2. 5	3	7. 5	6. 8
33	22. 5	22. 5	10	8	6	2	2. 5	3	10. 5	8	4. 5	9. 1
15	20	**22**	17	13	6	4	3	3	3. 5	4. 5	3	9. 1
2	6	**9**	7	7	4	1	1	1	. 5	. 5	2	2. 5
12	11	12	**13**	9	8	3. 5	1	1	0	. 5	. 5	4. 9
. 5	0	3. 5	**11**	6	7	8	6	7	2	0	1	3. 5
13	**19**	18	8	2. 5	1. 5	0	2	1. 5	. 5	1	2	4. 5
2	1	2	2. 5	4. 5	4. 5	2. 5	1	0	0	0	. 5	**2.4**
15.5	11	12	8	4	. 5	0	0	1. 5	2	0	0	4
10	9	5	3	4. 5	6	10	6. 5	5. 5	2	2	1. 5	4. 2
13	**14**	8. 5	6. 5	1. 5	. 5	0	1. 5	1	4. 5	4. 5	. 5	4. 8
10	8	10	14	15	**19**	13	3. 5	4. 5	2	2	4	6. 6
14	14	14	14	**18**	17	12	10	5. 5	2. 5	1	0	6. 8
12	18	20	23	20	21	**25**	20	6. 5	1. 5	1. 5	1. 5	8. 8
17	19	22	**25**	24	21	**25**	23	12	13	16	6	11. 2
27	28. 5	28	28	**35**	27. 5	19	20	16	8. 5	4	6	15. 6
8	10	22	24	29	29	**41**	28	15	8	5. 5	1. 5	12. 6
14. 6	14. 9	**15.8**	15. 7	14. 9	13. 3	11. 5	10. 1	7. 1	5. 7	4. 9	3. 6	8

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1				2	1	2	2				1	3	1			1	11	98. 5	0. 5	32. 6
2				1	1	6	4	1		2	1	1					7	118	1. 1	14
3					3	5	2			1	1	4	2				6	166. 5	2. 7	
4			1	1			2				5	5	1				9	139. 5	2. 5	
5						5			1	3	1	1	3				10	94. 5	3. 2	. 6
6				1		2	1	4				2	2	1	1		10	99. 5	2. 7	
7		3		2	1	1						4	3	3			7	220. 5	3. 4	38. 9
8				1	3	3	1	1		2	4	5					4	212. 5	3. 4	
9	1		1				3		1	1	2	10	1	1			3	382. 5	4. 2	
10			4						1		2	16			1			**435.5**	**5.3**	. 9
11		2								1	2	8	5	2	2		2	375. 5	4. 8	
12		3	4									7	3	2	1	1	3	259	3. 9	. 5
13		2	1	1	1						1	3	2	3	2		8	201	2. 9	
14				2							1	7	1	5	3		5	346. 5	1. 7	6. 4
15		5		1								4	1			3	10	163	1. 6	1. 8
16				1				1		2	1	3	2	1	1	4	8	218. 5	**0**	**61.4**
17		3		2	3		1	1			1	2		6	2	1	2	219. 5	. 2	25. 6
18					2			1			3	2		2	1		13	61	2. 4	
19		1	1	2		3	1					1	4		1		10	116. 5	3. 2	
20	3	2		1												3	15	83. 5	. 4	2. 8
21	1	2			1								1	3	2		14	108	2. 5	1. 8
22		1				1	2			1		3				1	15	**56.5**	1. 5	4. 5
23		1		3										2	2	1	15	97	1. 9	
24	1	1		1		1				1	1	7	2				9	102	3. 7	
25		2				1		2				1	3	2	2		11	115. 5	3. 5	
26	2	3	3	1							2	7	1				5	158	3. 9	1. 3
27		1		2				1		1	2	5	2	2			8	163. 5	3. 4	
28			1	1							1	8	2	1			10	210	3. 5	
29				2	3	1					4	9	1				4	268	4. 5	
30						3				1	3	10	3		1	1	2	375	3. 8	. 6
31		2		2	1	2						6	3	2	2		4	303	3. 1	21. 2
Total Mean	8 0. 3	34 1. 1	16 0. 5	30 1	20 0. 6	36 1. 2	19 0. 6	12 0. 4	3 **0.1**	16 0. 5	39 1. 3	144 4. 6	49 1. 6	38 1. 2	24 0. 8	16 0. 5	240 **7.7**	5, 968 192. 5	85. 4 2. 8	214. 9 6. 9

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	758. 80	10. 20p.	29. 7	10. 05a.	98	23. 2	756. 50	3. 15p.	23. 5	11. 55p.	77	20. 2
2	58. 90	10. 00p.	31	10. 50a.	**99**	22. 7	56. 40	3. 00a.	23	3. 30a.	70	19. 9
3	58. 50	11. 40p.	31. 9	10. 55a.	**99**	22. 6	56. 55	3. 25p.	23	5. 15a.	69	20. 3
4	59. 90	10. 50p.	31. 3	3. 15p.	96	23. 4	56. 50	3. 05p.	22. 9	4. 00a.	74	19. 3
5	61. 15	11. 10p.	33	0. 15p.	96	23. 3	58. 35	2. 45a.	24. 1	5. 45a.	60	20. 9
6	61. 75	11. 30p.	33. 3	2. 05p.	98	23. 9	**58.75**	3. 35p.	23. 1	5. 05a.	**58**	20. 2
7	**62.70**	8. 40p.	33. 7	3. 45p.	97	23. 2	58. 10	4. 10p.	21. 8	10. 00p.	60	**17.3**
8	61. 40	0. 25a.	32. 2	1. 55p.	97	23. 4	58. 30	3. 35p.	**21.6**	5. 35a.	65	18. 6
9	59. 35	11. 15p.	31. 9	0. 05p.	97	23. 9	57. 20	3. 20p.	23. 5	4. 00a.	71	20. 7
10	59. 35	11. 15p.	32. 1	2. 10p.	95	23. 4	56. 91	4. 00p.	**24.8**	3. 45a.	69	21. 1
11	59. 15	10. 15p.	32. 1	11. 20a.	96	23. 5	56. 75	4. 40p.	**24.8**	4. 55a.	67	**21.3**
12	58. 90	0. 05a.	32. 8	2. 20p.	97	23. 6	56. 20	5. 15p.	23. 3	9. 50p.	68	18. 8
13	58	0. 05a.	32. 7	0. 15p.	97	23	55. 10	4. 30p.	23. 1	3. 05a.	69	20
14	**56.45**	10. 40p.	31	9. 20a.	**92**	22. 8	**54.20**	2. 10p.	24. 1	4. 35a.	73	19. 9
15	57. 30	11. 00p.	30. 3	1. 05p.	94	22. 8	55	3. 10a.	23. 6	4. 40a.	74	20
16	57. 60	10. 45p.	28. 7	10. 15a.	95	23. 7	55. 85	3. 25a.	22	6. 15p.	**87**	18. 1
17	58. 60	8. 50a.	28. 7	10. 30a.	96	22. 8	56. 55	3. 15a.	21. 9	5. 40a.	82	18. 8
18	59. 35	8. 45a.	32. 7	1. 15p.	96	24. 1	56. 90	4. 25p.	22. 4	5. 25a.	65	19. 6
19	58. 38	9. 00a.	33. 2	3. 05p.	96. 5	22. 9	56. 10	3. 55p.	22. 2	5. 35a.	59	18. 9
20	59. 45	11. 35p.	**27.7**	1. 35p.	96	**21.2**	56. 80	3. 50a.	23. 1	5. 30a.	77	19. 5
21	60. 75	10. 15p.	32. 8	2. 50p.	97	24. 7	58. 50	4. 10p.	22. 3	5. 35a.	65	19. 1
22	60. 40	0. 05a.	32. 2	10. 20a.	98	**25.2**	58. 30	3. 10p.	22. 8	5. 35a.	66	19. 1
23	58. 95	0.05a.	31. 9	0. 25p.	**99**	23. 8	55. 75	3. 25p.	22. 8	5. 00a.	70. 5	20. 4
24	57. 50	10. 20p.	33. 6	2. 25p.	**99**	23. 1	54. 95	5. 30p.	22. 7	5. 45a.	59	19. 8
25	57. 90	10. 15p.	**34**	3. 45p.	95	24. 4	54. 80	5. 40p.	23	5. 15a.	62	19. 8
26	58. 45	10. 45p.	33. 5	4. 30p.	98	23. 2	55. 70	3. 55p.	23. 3	5. 00a.	59	20. 3
27	58. 66	9. 00a.	33	1. 30p.	93	23. 7	56. 06	5. 00p.	23. 6	5. 10a.	66	20. 2
28	57. 75	8. 15a.	32. 2	1. 25p.	95	23. 9	55. 55	3. 45p.	23. 7	5. 50a.	70	20. 6
29	57. 40	11. 00p.	32. 9	1. 35p.	98	23. 3	54. 92	4. 00p.	23. 4	5. 45a.	65	20. 9
30	58. 80	10. 35p.	32. 5	0. 55p.	96	23. 9	55. 90	3. 45p.	24. 5	5. 20a.	65. 5	**21.3**
31	59. 50	8. 15a.	31. 8	2. 55p.	96	24	56. 75	2. 45p.	23. 5	3. 25a.	70	20
Mean	759. 07	--------	31. 9	--------	96. 5	23. 4	756. 46	--------	23. 1	--------	68. 1	19. 8

DAILY GENERAL REMARKS.

1----● a. p.; [<° NW and NE quad. in the afternoon.
2----≡° a.; ● p.
3----≡° ○° a.; d, gusty WSW winds in the afternoon; [< NE quad. in the evening.
4----≡° a.; [< SSE, ⊤° E, d in the afternoon; < NE in the evening.
5----● in the early morning; ≡° a.; [<° S quad. in the afternoon.
6----≡° a.; [< NE quad. in the afternoon.
7----≡° a.; heavy thundershowers at night.
8----≡° a.; [< N quad. in the evening.
9----≡° a.; gusty WSW winds during the afternoon and evening.
10----●° a.; somewhat gusty WSW winds at intervals; coloration of clouds at sunset
11----≡° a.; somewhat gusty SWly. winds in the afternoon.
12----≡° a.; ○^{2} a. p.; somewhat gusty WSW winds in the evening; ●° at night.
13----d°, convergence of Ci. toward NNE in the morning; d° ⊤° NW quad., somewhat gusty SWly. winds in the afternoon; [<° N quad., intense coloration of clouds in the evening.
14----≡°, convergence of Ci. toward E in the morning; p, gusty WSW winds in the forenoon and afternoon; [< N quad. in the afternoon; ● at night.
15----≡, d° in the morning; ● in the afternoon.
16----≡° a.; rainy weather especially in the afternoon; gusty Wly. winds in the forenoon and afternoon.
17----○ a.; ● during the morning and afternoon; convergence of Ci. toward NNE in the afternoon; ω in the evening.
18----≡° a.; ○ a. p.; coloration of upper clouds at sunset.
19----≡° a.; d°, [<° NE quad. in the afternoon.
20----≡°, ● in the morning.
21----≡° a.; ○ a. p.; p° in the afternoon.
22----≡° a.; ●, [< SE quad. in the afternoon; intense coloration of clouds at sunset.
23----≡° a.
24----≡, ⏜ a.; ⊤ NE quad. in the afternoon; < NNW in the evening.
25----≡ a.; < NNW in the evening.
26----≡° a.; coloration of clouds at sunset; ● at night.
27----≡° a.; coloration of upper clouds at sunset.
28----≡° a.; convergence of Ci. toward ESE in the afternoon, coloration of clouds, [<° E quad. in the evening.
29----≡° a.; coloration of clouds at sunset.
30----≡° a.; p° in the morning; d at night.
31----●^{2} in the early morning; ≡° a.; gusty WSW winds, < N quad. in the evening.

OBSERVATIONS FOR AUGUST, 1910.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	58.10	57.75	57.45	57.45	57.70	57.91	58.46	58.65	58.88	58.66	58.18	57.82
2	57.30	56.95	56.60	56.60	56.80	56.86	57.39	57.46	57.80	57.77	57.43	56.67
3	57.20	56.70	56.15	56.20	56.30	56.58	56.90	57.48	57.29	57.25	57.45	57
4	57.55	57.35	57.05	57.10	57.25	57.34	57.53	57.73	58.09	57.78	57.71	57.47
5	58.25	57.70	57.40	57.35	57.50	57.64	57.90	58.07	58.28	58.34	58.26	57.74
6	58	57.80	57.65	57.60	57.65	57.95	58.24	**58.69**	58.55	58.47	58.29	57.59
7	57.95	57.65	57.35	56.95	56.90	56.93	57.17	57.60	57.91	57.76	57.66	57.37
8	57.55	57.30	57.10	56.95	56.90	57.12	57.58	57.78	57.59	57.61	57.38	57.23
9	57	56.60	56.65	56.60	56.70	57.04	57.40	57.18	57.19	57.19	56.97	56.86
10	**58.05**	57.60	57.35	57.05	57.05	56.75	57.39	57.54	57.45	57.18	56.89	56.84
11	57.45	57.05	56.50	56.60	57	57.14	56.87	57.23	57.44	57.47	57.27	56.85
12	57.70	57.90	57.95	58	58.40	58.37	58.54	**58.80**	**58.80**	58.64	58.52	57.92
13	57.40	57.10	56.90	56.45	56.60	56.98	57.25	57.55	57.61	**57.85**	57.56	56.70
14	56.60	55.95	55.65	55.70	55.80	56.08	56.83	57.14	57.07	57.02	56.84	56.62
15	57.25	56.90	56.95	56.60	57	57.08	57.35	57.70	57.97	58.01	57.93	57.47
16	57.95	57.55	57.50	57.30	57.25	57.39	57.84	58.32	**58.48**	58.23	57.77	57.31
17	57.25	56.70	56.45	56.25	56.45	56.98	57.60	57.72	57.83	57.79	57.57	57.12
18	58.05	57.65	57.55	57.50	57.60	57.90	58.27	58.57	**58.66**	58.44	58.22	57.98
19	57.80	57.70	57.45	57.45	57.50	57.64	57.99	58.42	58.52	58.42	58.17	57.77
20	57.70	57.55	57.60	57.60	57.50	57.70	57.97	58.04	58.24	58.02	58.01	57.75
21	58	57.85	57.55	57.65	57.55	57.54	58.02	58.35	58.48	58.63	58.29	58.02
22	58.95	58.75	58.50	58.50	58.45	58.64	58.95	59.05	**59.42**	59.23	58.98	58.76
23	58.30	58.10	57.95	57.60	57.50	57.48	58.15	58.74	**58.95**	58.78	58.46	58.01
24	56.95	56.50	56.50	56.50	56.40	56.40	56.65	57.06	57.23	57.19	56.76	56.03
25	56.60	56.10	55.75	55.75	55.80	56.04	56.07	56.65	56.52	56.50	56.22	56.14
26	56.65	56.05	55.85	55.90	55.85	56.09	56.79	57.10	57.15	56.97	56.87	56.49
27	56.85	56.75	56.65	56.80	56.95	57.14	57.49	57.67	57.78	**57.84**	57.67	57.23
28	57.70	57.70	57.65	57.65	57.80	57.75	58.20	58.40	58.42	**58.45**	58.23	57.79
29	57.55	57.40	57.05	56.75	57	57.09	57.70	58.04	**58.48**	58.22	57.74	57.31
30	57.95	57.15	56.55	56.30	56.35	56.44	56.93	57.77	57.75	57.77	57.54	57.02
31	56.75	55.90	55.25	55.30	55.35	55.51	55.93	56.64	56.65	56.54	56.46	56.15
Mean	57.56	57.22	56.98	56.90	57	57.15	57.53	57.84	57.95	57.87	57.65	57.26

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.5	24.4	24.3	**24**	**24**	24.3	25.4	25.5	26.4	25.6	26.7	29.1
2	24.5	24.4	24.2	23.9	**23.5**	**23.5**	25.8	26	26.8	27.5	29.3	29.9
3	25	24.4	24.3	24.1	**24**	**24**	25	26	28.3	28.4	25.2	28.6
4	24.2	24.2	**24**	24.3	24.5	24.4	26.5	28.3	28.2	29.2	29.7	29.9
5	24.6	24.3	24.2	24	**23.9**	24	26.2	27.8	28.1	28.1	30.1	30.3
6	25.6	25.5	25.6	25.4	25	**24.8**	25.5	27	29.6	28.9	29.5	30.5
7	27.1	27.1	25.7	24.9	24.4	**24.1**	27.2	28.2	28	29.3	30.2	30.8
8	24.4	24.6	24.4	**24**	24.2	25.3	26.8	27.4	27.5	29.3	29.7	**30.5**
9	25.5	25.1	25.1	24.7	24.4	24.3	25.3	27.3	27	26.6	28.7	28.7
10	23.5	**23.4**	**23.4**	23.6	23.7	23.5	24.5	26.8	29	29.3	29.6	29.3
11	24.7	24.5	**24.4**	24.6	24.5	25.2	26.4	28	29.4	29.7	30.7	**31.3**
12	24.4	23.9	**23.8**	24	24.1	24.3	25.2	27.3	29.6	29	30	**30.2**
13	25.8	25.3	24.8	**24.1**	**24.1**	24.2	24.8	26.8	26	24.5	27	29.7
14	25.6	25.6	26.2	25.9	25.1	**24.8**	25.5	27.3	30.5	28.2	**31**	30.9
15	25.1	24.7	24.5	**24.3**	24.5	**24.3**	26.4	28.2	28.9	29	28.8	30
16	**24.5**	24.8	24.6	24.7	24.6	24.7	25.6	27.1	27.5	28.7	28.3	29.5
17	25.2	26.5	25.8	25.4	25.2	25.2	26.2	28.5	29.2	29	30.2	30.6
18	24.8	24.8	24.4	24.3	**24.2**	**24.2**	26.3	28.5	27.6	30	30.6	31
19	25.6	25.6	25.4	25.5	25.5	25.2	28.2	29.3	30.8	31.6	31.5	31.5
20	24.6	24.5	24.4	24	**23.8**	**23.8**	26.1	29	30.6	30.6	30.7	31.5
21	24.9	24.4	24.3	24.4	24.2	23.9	25	26.5	27.4	26.9	25.8	26.3
22	23.6	23.4	23.2	23	**22.8**	23	25	27.7	29.2	30.4	30.7	**31.1**
23	24.4	24.3	24.1	23.6	23.4	23.3	24.4	27.7	29.9	30.2	30.7	31
24	23.3	23.3	23.5	23.7	23.7	23.6	24.7	24.8	24.6	**26**	25.5	**26**
25	22.9	22.8	22.6	22.4	22.1	**22**	22.9	24.3	27.3	29.4	29	29.7
26	23.9	23.7	23.4	23.2	23.2	**23.1**	25.5	28	29.8	28.4	30.4	31
27	25.5	25.2	25	24.6	24.4	**24.3**	26.5	28.7	28.9	30	29.8	30.4
28	24.8	24.4	24	23.6	23.5	**23.4**	26.2	27.7	28.9	30.1	30	30.4
29	25.7	25.3	25	24.6	24.4	**24**	24.8	27	27.8	28.2	28.9	29.3
30	**23.5**	24.5	24.5	25.4	25.3	24	24.8	25.6	26.5	26.8	27.6	**29.8**
31	**24.4**	25.5	25.7	26.1	25.1	24.7	25.6	25.8	26.4	**30.6**	30.3	27.5
Mean	24.7	24.7	24.5	24.3	24.2	**24.1**	25.6	27.2	28.2	28.7	29.2	**29.9**

ATMOSPHERIC PRESSURE, 700$^{\text{mm}}$+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57.39	56.78	**56.73**	56.78	56.80	57.05	57.80	57.95	58.30	58.65	58.40	57.80	57.81
56.28	55.84	55.68	**55.63**	55.83	56.21	56.45	56.95	57.10	57.55	**57.85**	57.45	56.85
56.33	55.72	55.73	**55.71**	56.14	56.17	56.67	57.35	57.65	57.65	**57.90**	57.80	56.80
56.89	56.39	55.77	**55.61**	56.01	56.38	57.07	57.65	58.55	58.60	**58.70**	58.45	57.33
57.08	56.72	**56.25**	56.40	56.45	56.61	57.65	57.95	57.90	**58.55**	58.35	58.40	57.61
57.22	56.67	56.22	**55.95**	56.02	56.45	57.32	57.80	58.35	58.65	58.35	58.15	57.65
56.99	56.60	56.49	**56.34**	56.44	56.80	57.23	57.35	57.90	**58.60**	58.35	58	57.35
57.07	56.42	55.80	**55.75**	55.93	56.44	56.71	57.15	57.65	**57.85**	57.80	57.35	57.08
56.58	56.27	56.29	**55.94**	56.25	56.72	57.37	58.10	58.15	58.50	**58.60**	58.40	57.11
56.42	56.01	55.77	55.79	**55.76**	56.23	57.06	57.25	57.65	57.80	58	57.60	57.02
56.40	56.15	56.12	**56.05**	56.24	56.50	56.92	57.90	58	58.35	**58.45**	58.10	57.09
57.93	**57.21**	57.38	**57.21**	57.29	57.77	57.85	57.90	58.05	58.30	58.20	57.70	58.01
56.39	55.92	55.29	**55.03**	55.27	56.04	56.24	56.75	57.15	57.15	57	56.85	56.71
56.02	55.85	55.88	**55.57**	56.17	56.37	56.89	57.50	**57.60**	57.50	**57.60**	57.45	56.57
57.02	56.45	55.91	**55.90**	56.35	56.63	56.96	57.55	57.85	58.05	58.10	**58.15**	57.21
56.83	56.02	55.50	**55.40**	55.57	55.95	56.27	56.85	57.20	57.50	57.65	57.55	57.13
56.66	56.17	55.52	**55.17**	55.56	56.05	56.60	57.50	57.60	58	**58.35**	58.25	56.96
57.27	56.40	55.85	**55.46**	55.51	56.15	56.72	57.15	58.05	58.50	58.50	58.15	57.50
57.20	56.55	56.26	**56.07**	56.52	56.81	57.35	57.90	58.40	**58.55**	58.45	58.10	57.62
57.05	56.36	55.62	**55.59**	56.11	56.82	57.27	57.75	58.45	**58.50**	58.30	57.95	57.48
57.52	57.32	57.30	57	**56.90**	57.22	57.72	58.20	58.90	59.15	**59.20**	58.95	57.97
58.15	57.49	57.34	**57.19**	57.36	57.64	57.86	58.35	58.95	59.30	59.05	58.65	**58.48**
57.34	56.87	56.89	56.47	56.51	**56.19**	56.57	57.25	58.10	58.60	58.70	58.40	57.75
55.80	**55.35**	55.44	55.84	55.89	56.07	56.47	56.60	56.65	56.95	**57.25**	56.90	56.47
55.61	55.13	**54.81**	55.11	55.41	56.19	56.66	57.05	**57.50**	57.45	57.45	57.10	56.23
56.02	55.52	**55.42**	55.62	55.79	56.05	56.26	56.65	57.15	57.20	**57.45**	57.10	56.42
56.56	56.44	56	**55.94**	56.24	56.61	56.96	57.10	57.50	57.70	57.75	57.70	57.06
57.18	56.40	**56.04**	**56.04**	56.09	56.73	57.23	57.55	58.10	58.30	58.10	57.95	57.56
56.72	56.42	56.05	**56.03**	**56.03**	56.31	56.82	57.10	57.75	58.35	58.10	58.10	57.25
56.35	56.33	55.75	**55.58**	55.68	55.98	56.46	56.95	57.50	**57.90**	57.70	57.10	56.87
55.68	54.74	54.64	**54.53**	54.86	55.16	55.57	56.25	56.35	**57**	56.85	56.25	**55.85**
56.77	56.27	55.99	**55.89**	56.10	56.46	56.93	57.40	57.81	**58.09**	58.08	57.80	57.19

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
28.4	**29.6**	28.9	27.7	27.3	26.9	26.7	26.3	25.8	25.2	24.9	24.6	26.1
30.6	30.5	29.1	27.7	27.8	27.3	27	26.7	26.8	26.6	26	25.5	26.7
30.1	**30.4**	29.8	29.6	28	27.2	26.4	26.3	25.2	25	24.7	24.5	26.4
30.4	**30.8**	**30.8**	30.3	29.7	28.2	27.9	27.6	26.8	25.7	24.7	24.6	27.3
31	**31.3**	30.9	29.5	28	27.7	27.6	27	26.3	26.1	25.9	25.7	27.2
30.3	**30.7**	30	30.3	28.4	27.9	27.6	27.6	27.5	27.2	27.1	27.2	27.7
29.5	30.4	**31.3**	30	28.5	27.9	25.6	24.7	24.7	25	25.1	24.8	27.3
29.7	**30.5**	29.6	29.6	29.1	28.1	27.7	27.5	27.3	26.9	27.2	26.8	27.4
27.5	27.4	**28.8**	26.9	27	27.4	27.5	24.8	25	24.5	24.2	**23.5**	26.1
29.9	29.3	**30.8**	27.6	28.7	28.7	28	27.4	27.1	27	26.6	25.4	26.9
31.2	31.2	29.7	30.6	30	28.4	27.3	25.4	26.7	26.4	25.1	24.6	27.5
26.3	26	26.2	25.5	26.4	26	25.7	25.2	26.2	26.4	26.8	26.7	26.2
29.6	29.8	**30**	29	28.8	27.2	26.9	26.5	26.7	25.7	25.3	24.7	26.6
29.1	30	28.8	29.3	27.6	27.2	26.7	26.5	26.3	25.9	25.7	25.2	27.3
30.3	29	28.1	28.9	28.5	27.3	26.9	25.9	25.3	24.1	24.6	24.5	26.8
30.3	**30.6**	30.5	**30.6**	29.3	27.9	27.4	27.4	27.3	26.9	26	25.6	27.3
30.8	**31.2**	31	30.1	29.8	28.2	27.6	27	**25.1**	**25.1**	25.2	**25.1**	27.6
31.9	32.3	**32.5**	32	30.7	29.1	28.8	28.8	28.3	27	26.5	26	**28.1**
31.6	32.3	**32.7**	29.2	30.6	26.9	26.2	26	26.2	25.4	25.1	**24.9**	28
32.2	32.8	**33.6**	31.7	27.7	27	26.4	26	26	26.1	25.6	25.2	27.7
28.4	25.8	25.2	25.3	25.5	25.3	25.1	24.8	24.6	24.5	24.2	**23.7**	25.3
26.7	29.5	30.5	29.4	28.7	27.2	25.9	25.7	25.6	25.4	25.2	25	26.6
31.3	26.8	28.8	28.1	28.2	27.4	27.2	26.2	23.4	23.2	23.3	**23.1**	26.4
25.2	25.1	25.3	24.4	24.1	23.9	23.6	23.6	23.5	23.4	23.3	**23**	**24.2**
30.6	31.2	**31.7**	29.8	29.3	28.5	26.4	26.1	25.1	24.8	24.4	24.1	26.2
31.5	**31.7**	31.5	31.2	29.7	28.1	27.8	27.5	26.5	25.5	25.3	25	27.3
30.9	31.2	**31.3**	30	29.7	28.2	27.7	27.6	27.3	26.7	26.3	25.4	27.7
30.5	30.6	**30.7**	**30.7**	30.3	29	28.5	28.4	28.4	28	27.5	26.1	27.7
29.4	**29.8**	**29.8**	29.6	29.5	28.3	27.9	27.7	27.2	27.3	26.5	24.1	27.2
26.4	24.2	26.1	25.5	25.6	25.5	25.2	26.2	25.9	24.9	24.7	24.7	25.6
27.2	29.5	28.7	29.3	28.6	28.5	28.1	27.3	26.9	26.7	26.7	25.7	27.1
29.6	29.7	29.8	29	28.4	27.5	26.9	26.5	26.2	25.8	25.5	25	26.9

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	93	94	94	**96**	95	93	92	88	84	84	82	71
2	96	96	97	**98**	**98**	**98**	89	85	80	79	72	72
3	95	97	97	98	**99**	98	95	90	79	75	84	74
4	94	95	**96**	95	95	**96**	89	80	78	74	71	69
5	93	95	95	**97**	**97**	**97**	91	88	84	80	73	72
6	96	97	96	97	**98**	**98**	92	82	**70.5**	71	79	71
7	86	85	92	92	93	**94**	86	79.5	82	79	73	73
8	**92**	90	90	**92**	**92**	90	82	84	83	72	73	**68**
9	90	92	92	95	96	95	96	86	89	90	**78**	80
10	98	98	97	98	**99**	**99**	97	87	72	75	73	77
11	91	91.5	91	90	91	87	87	77	75	73	71	73
12	94	**97**	**97**	96	95	91	90	84	**72**	74	75	79
13	92	95	96	96	**97**	**97**	**97**	89	93	**97**	88	78
14	88	88	85	91	94	**97**	96	89	79	87	77	77
15	92	94	**95**	94	94	94	88	79	77	77	77	77
16	91.5	**97**	**97**	96	**97**	**97**	95	87	84	77	79	72
17	92.5	86	**95**	93	94	94	94	79	74	76	71	68
18	**92**	91	91	91	91	91	88	81	86	78	72	70
19	**93**	**93**	**93**	**93**	**93**	92.5	83	73	68	65	72	71
20	92	91	91	93	94	92	88	81	71	71	71	71
21	97	**98**	**98**	97	**98**	**98**	92	88	84	85	90	90
22	96	95	96	96	96	**97**	96	90	80	72	69	**67**
23	93	93	93	**96**	**96**	95	95	84	73	**70**	76	77
24	94	94	95	**98**	**98**	**98**	94	91	90	89	92	92
25	**97**	**97**	**97**	95	96	96	96	93	79	72	76	75
26	95	95	**96**	**96**	95	95	92	80	74	76	72	68
27	93	92.5	93	**95**	93	93	88	81	78	69	71	70
28	90	92	92	94	**95**	94	88	81	78	77	77	74
29	84	86	85	88	89	91	**92**	81	76.5	76	77	74
30	92	87	89	87	87	**94**	93	93	88	85	84	83
31	92	85	86	85	92	**93**	91	91	87	**72**	74	73
Mean	92.7	93.1	93.5	94.1	**94.7**	**94.7**	91.4	84.6	79.6	77.3	76.4	74.4

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.3	21.3	21.2	21.2	21	21	**22.1**	21.3	21.5	20.6	21.3	21.4
2	21.9	21.7	21.7	21.6	21.1	21.1	22	21.3	20.8	21.6	21.9	22.6
3	22.4	21.9	22	21.9	22	21.8	22.4	22.5	22.5	21.5	**20.1**	21.5
4	**21.1**	21.3	21.2	21.4	21.7	21.7	22.8	22.7	22.1	22.2	21.9	21.7
5	21.4	21.4	**21.3**	21.4	**21.3**	21.4	23	24.3	23.7	22.6	23	23.2
6	23.3	23.4	23.3	23.3	22.9	22.9	22.2	21.7	21.7	**21.1**	**24.1**	23
7	22.8	22.7	22.5	21.6	21.2	21	23	22.5	22.9	24	23.2	24.1
8	21	20.7	**20.4**	**20.4**	20.7	21.5	21.4	22.6	22.6	21.9	22.7	21.9
9	21.8	21.9	21.9	21.9	21.7	21.4	23	23.1	23.5	23.4	22.9	23.3
10	21.1	21	**20.8**	21.3	21.6	21.3	22	22.8	21.5	22.7	22.5	23.4
11	21	20.9	**20.6**	20.7	20.7	20.7	22.3	21.7	22.9	22.7	23.3	**24.7**
12	21.3	21.3	21.2	21.2	21.1	**20.6**	21.4	22.5	22.3	22	23.5	**25.1**
13	22.7	22.7	22.3	**21.4**	21.5	21.8	22.5	23.3	23.1	22.3	23.3	**24.1**
14	21.6	21.6	21.4	22.6	22.3	22.5	23.2	23.9	25.7	24.6	**25.8**	25.6
15	21.9	21.8	21.7	21.2	21.5	21.2	22.4	22.4	22.8	22.9	22.6	**24.2**
16	**20.9**	22.5	22.4	22.2	22.4	22.5	23.2	23.1	22.8	22.5	22.5	22
17	22	22	23.5	22.5	22.4	22.4	**23.8**	22.8	22.3	22.5	22.8	22.1
18	21.3	21.1	20.8	**20.5**	**20.5**	**20.5**	22.3	23.4	23.6	**24.6**	23.6	23.3
19	22.8	22.5	22.5	22.4	22.4	22	23.6	22.1	22.4	22.5	**24.6**	24.3
20	21.2	20.7	20.6	20.7	20.6	**20.2**	22.1	24	23.1	23.1	23.3	24.3
21	22.6	22.3	22.2	22.1	22.1	21.6	21.7	22.6	22.9	22.4	22.3	22.9
22	20.7	20.3	20.2	19.9	**19.7**	20.2	22.5	**24.8**	24	23.3	22.5	22.7
23	21.2	21	20.8	20.7	20.4	20.1	21.6	23.1	23	22.4	25.1	25.8
24	**20**	**20**	20.4	21.4	21.4	21.3	21.8	21.1	20.7	22.1	22.2	**22.9**
25	20	20.1	19.7	19.1	19.1	**19**	19.8	21	21.3	21.8	22.7	23.3
26	20.9	20.6	20.4	20.2	20	**19.9**	22.2	22.5	**23.1**	21.9	23.1	22.7
27	22.4	22	22	21.8	21.2	21	22.6	**23.7**	22.9	21.7	22.2	22.4
28	20.9	21	20.4	20.3	20.4	20.1	22.3	22.3	23.2	**24.3**	24.2	24
29	20.5	20.6	**20**	20.3	20.2	20.1	21.3	21.5	21.2	21.6	22.8	22.5
30	**19.8**	20	20.3	20.9	20.8	20.8	21.7	22.5	22.6	22.2	23.2	**25.8**
31	21	20.7	21.1	21.4	21.7	21.5	22.1	22.4	22.3	23.6	23.8	**20**
Mean	21.4	21.4	21.3	21.3	21.2	**21.1**	22.3	22.6	22.6	22.5	23	**23.3**

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
70	**69**	73	76	77	77	79	82	88	91	93	95	84.8
68	**68**	76	81.5	76	82	79	81	81	79	90	92	83.9
69	71	71	70.5	79	79	85	84	91	92	93	94	85.8
68	**68**	69	72	71	77	79	80	85	90	92	93	82.3
71	**71**	72	74	85	86	89	91	94	95	94	95	86.6
74	71	74	75	82.5	79	83	84	85	87	86	83.5	83.8
74	74	**71**	80	74	81	86	89	88	91	91	91	83.5
72.5	73	75	74	71	75	77	78.5	82	83	81	83	80.5
84	85	83	86	86	82	81	94	91	97	96	**98**	89.2
75	72	**71**	76	75	74	77	80	80	80	82	89	83.4
70	71	75	**70**	72	79	85	93	86	85	93	**95**	82.1
90	92	96	92	90	86	89	92.5	89	86	86	84	88.2
75	**73**	**73**	74	74	80	85	84	86	88	91	95	87.2
76	**73**	80	77	82	83.5	85	82.5	88	88.5	90	92.5	85.2
75.5	77	78	76	77.5	80	81	86	89	90	93	91.5	84.7
72	**71**	72	72	74	79	82	82	83	85	92	92	84.4
67	67.5	**67**	72	74	81	84	88	92	91	91	91	82.6
65	63	**59**	61	72	78	79	80	82	89	90	**92**	80.5
71	**63**	64	81	70	76	80	82	85	88	89	91	80.4
66	65	**63**	72	89	90	93	94	93	92	94	**97**	83.9
81	91	93	96	96	95	95	97	97	96	96	97	93.5
85	72	72	75	75	83	88	89	89	90	89	90	85.3
78	90	85.5	85	82	87	87	91	81	92	94	95	87
88	**86**	88	92	93	96	97	97	97	96	96	97	**93.7**
71	72	**71**	74	77	80	85	89	91	90	93	94	85.7
64	**63**	66	64	73	78	79	81	86	91	92	92	81.8
71	69	**68**	73	74	77	80	77	78	83	85	87	80.8
72	70	72	69	64	**63.5**	66	67	72	73	76	80	**78.2**
78	76	75	**71**	72	79	80	80	83.5	84	88	91	81.5
91	**94**	89	84	**81**	88	84	82	83	92	92	93	88.1
78	79	79	78	79	81	81	85	86	86	88	91	83.8
74.5	**74.2**	74.9	76.5	78	81	83.2	85.2	86.5	88.4	90.2	91.7	84.6

VAPOR PRESSURE (^{mm}).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
20.3	21.3	21.5	21.1	20.7	20.4	20.5	20.8	21.6	21.6	21.8	21.8	21.2
22.1	22.2	**22.7**	22.4	21	22.1	20.9	21.1	21.2	**20.4**	22.5	22.2	21.7
22	**22.8**	22	21.7	22.3	21.2	21.7	21.3	21.6	21.7	21.5	21.5	21.8
21.8	22.4	22.9	**23.2**	22	21.7	21.9	21.9	22.2	22.1	21.2	21.4	21.9
23.6	24	23.8	22.6	23.8	23.7	**24.4**	24.1	24	23.9	23.4	23.3	**23**
23.8	23.3	23.4	24	23.7	22.2	22.8	22.9	23.2	23.2	22.8	22.4	22.9
22.6	24	24	**25.1**	21.4	22.6	21	20.6	**20.4**	21.3	21.5	21.1	22.4
22.4	**23.6**	22.9	22.8	21.4	21.2	21.2	21.4	22.1	22	21.8	21.8	21.8
23	23	**24.3**	22.5	22.7	22.2	22	21.9	21.3	22	21.5	**21.1**	22.4
23.6	21.7	23.4	20.9	21.8	21.7	21.7	21.7	21.2	21.1	21.1	21.5	21.8
23.6	23.9	23.1	23	22.7	22.7	22.9	22.5	22.5	21.7	22.1	21.8	22.3
22.9	22.9	24.2	22.2	23.1	21.5	21.9	22	22.4	21.9	22.4	21.9	22.2
22.9	22.6	23.1	22	21.8	**21.4**	22.4	21.6	22.3	21.5	21.8	21.9	22.3
22.8	23.1	23.4	23.4	22.5	22.4	22.1	**21.2**	22.3	22	22.1	22	22.9
24.2	22.9	22	22.5	22.4	21.5	21.3	21.4	21.4	21.3	21.4	**20.9**	22.1
23.2	23.1	23.2	**23.4**	22.5	22.2	22.2	22.2	22.3	22.4	22.9	22.4	22.5
22	22.8	22.5	22.9	23.1	23	22.9	23.3	21.7	**21.5**	21.6	**21.5**	22.5
22.8	22.5	21.4	21.7	23.5	23.2	23.3	23.4	23.6	23.5	23.2	22.9	22.5
24.5	22.8	23.4	24.4	22.7	**20**	20.2	20.6	21.6	21.3	21.1	21.2	22.4
23.7	23.9	24.3	**24.9**	24.5	24	23.7	23.3	23.1	23	22.9	23	22.8
23.3	22.4	22.2	23	23.2	22.7	22.5	22.5	22.2	21.9	21.5	**21.2**	22.3
22.1	22.2	23.5	22.9	21.8	22.2	21.8	21.9	21.8	21.7	21.2	21.2	21.9
26.5	23.4	25.1	23.9	23.4	23.5	23.2	23	**17.4**	19.5	20	19.9	22.2
20.8	20.4	21.2	21	20.8	21.1	20.9	20.9	20.7	20.4	20.3	20.2	**21**
23.1	24.3	**24.6**	23.1	23.4	23	21.7	22.2	21.5	20.9	21.2	21	21.5
22	21.9	22.6	21.8	22.7	22	22	22.2	22.2	22	21.9	21.7	21.8
23.4	23.2	23.1	23.1	22.9	22	22	21.1	21.1	21.5	21.6	**20.9**	22.2
23.5	22.7	23.8	22.5	20.7	**18.9**	19	19.2	20.7	20.5	20.8	20.1	21.5
23.7	23.6	23.5	21.9	22	22.5	22.3	22	22.4	22.7	22.6	20.4	21.8
23.3	21.1	22.2	20.3	**19.8**	21.4	20.1	20.6	20.6	21.4	21.2	21.5	21.4
20.8	**24.1**	23.1	23.5	23	23.4	22.9	22.9	22.5	22.3	22.9	22.3	22.3
22.9	22.8	23.1	22.7	22.4	22.1	21.9	21.9	21.8	21.7	21.8	21.5	22.1

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	----	----	Ci.-S.	----	Ci.-S.	----	----	----	----	----	A.-Cu.	SW
2	A.-Cu.	----	----	----	A.-Cu.	W	A.-Cu.	WSW	A.-Cu.	----	Ci.	----
3	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	A.-Cu.	----	Ci.-S.	----	Ci.-S.	----
4	----	----	Ci.-Cu.	----	Ci.	----	Ci.	E	Ci.	----	----	----
5	Ci.	----	Ci.	----	Ci.-S.	----	----	----	----	----	Ci.-S.	----
6	----	----	Ci.-S.	SE	Ci.	----	Ci.	----	Ci.	----	Ci.-S.	----
7	Ci.-S.	NE	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----
8	Ci.-S.	----	----	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.	----
9	----	----	Ci.-S.	----	Ci.-S.	----	----	----	Ci.-S.	----	Ci.-S.	----
10	----	----	Ci.-S.	----	----	----	A.-Cu.	----	Ci.-S.	ESE	A.-Cu.	----
11	----		----	----	Ci.-S.	----	Ci.	ENE	Ci.	----	Ci.	----
12	A.-Cu.	WNW	A.-Cu.	----	A.-Cu.	----	Ci.	----	Ci.	----	----	----
13	----	----	----	----	----	----	----	----	----	----	A.-Cu.	----
14	Ci.-S.	----	Ci.-S.	----	----	----	A.-Cu.	----	Ci.-S.	----	A.-Cu.	----
15	----	----	Ci.-S.	----	A.-Cu.	----	----	----	A.-Cu.	----	Ci.-S.	----
16	A.-Cu.	----	A.-Cu.	SE	----	----	Ci.-S.	----	----	----	Ci.	----
17	A.-Cu.	----	Ci.	----	Ci.	----	A.-Cu.	----	A.-Cu.	----	Ci.-S.	----
18	----	----	----	----	----	----	----	----	----	----	----	----
19	----	----	A.-Cu.	E	----	----	----	----	A.-Cu.	E	A.-Cu.	----
20	Ci.	----	Ci.-S.	E	Ci.	----	Ci.	----	Ci.	----	Ci.	----
21	A.-Cu.	E	A.-Cu.	----	A.-Cu.		----	----	----	----	----	----
22	Ci.-S.	----	A.-Cu.	----	A.-Cu.	S	A.-Cu.	----	Ci.-S.	----	Ci.-S.	----
23	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----
24	----	----	----	----	----	----	----	----	----	----	----	----
25	Ci.	ESE	Ci.	ESE	Ci.	----	Ci.-S.	----	Ci.	----	Ci.	----
26	Ci.-S.	----	----	----	----	----	----	----	----	----	----	----
27	Ci.-S.	SE	Ci.	----	Ci.-S.	----	Ci.-S.	NNE	Ci.-S.	NNE	Ci.-S.	----
28	Ci.-S.	----	Ci.-S.	----	Ci.-S.	NE	Ci.-S.	----	Ci.-S.	----	Ci.-S.	----
29	Ci.	----	A.-Cu.	----	A.-Cu.	NW	A.-Cu.	NW	Ci.-S.	----	A.-Cu.	----
30	Ci. -S.	----	----	----	----	----	Ci.-S.	----	Ci.-S.	----	----	----
31	----	----	----	----	----	----	Ci.-S.	----	A.-Cu.	----	----	----

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.-N.	----	S.-Cu.	----	S.-Cu.	----	N.	----	S.-Cu.	----	S.-Cu.	----
2	Cu.-N.	----	Cu.-N.	S	Cu.	----	Cu.	----	Cu.	SSW	Cu.	----
3	Cu.-N.	----	N.	----	Fr.-Cu.	S	N.-cf.	SW	N.	----	Cu.-N.	----
4	Cu.	----	Cu.	----	Cu.	----	Cu.	S	Cu.	----	Cu.	S
5	Cu.	----	Cu.-N.	WSW	Cu.-N.	WSW	N.-cf.	----	Cu.	----	Cu.	----
6	Cu.-N.	----	S.-Cu.	WNW	Cu.	NE	Cu.	----	Cu.	----	Cu.	----
7	Cu.	WbyN	Cu.-N.	WSW	Cu.-N.	SWbyW	Cu.	W	Cu.	WbyS	Cu.	----
8	Cu.	WbyS	Cu.-N.	----	Cu.-N.	WSW	Cu.	W	Cu.	----	Cu.	----
9	Cu.-N.	WSW	Cu.-N.	WSW	Cu.	SW	Cu.-N.	----	Cu.	----	Cu.	----
10	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	WSW	Cu.	WSW	Cu.	----	Cu.	----
11	Cu.	SW	Cu.	SW	Cu.	----	Cu.	----	Cu.	----	Cu.	----
12	Cu.	W	Cu.-N.	----	Cu.	WSW	Cu.	WSW	Cu.	----	Cu.-N.	----
13	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	----	Cu.-N.	----	Cu.-N.	----	Cu.-N.	----
14	Cu.-N.	WSW	Cu.	----	Cu.-N.	----	Cu.	----	Cu.	----	Cu.	----
15	Cu.	----	Cu.	SW	Cu.-N.	----	Cu.	SSW	Cu.-N.	----	Cu.-N.	----
16	Cu.-N.	----	Cu.	----	Cu.	E	Cu.	E	Cu.	----	Cu.	----
17	S.-Cu.	----	Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.	----
18	Cu.	----	Cu.	----	Cu.	SE	Cu.	SE	Cu.	----	Cu.	----
19	Cu.	----	Cu.	----	Cu.	NE	Fr.-Cu.	NE	Cu.	----	Cu.	----
20	Cu.	----	Cu.	----	N.-cf.	ENE	Cu.	E	Cu.	E	Cu.	----
21	Cu.-N.	----	S.-Cu.	E	Cu.-N.	NEbyE	N.	----	N.	----	Cu.-N.	----
22	S.-Cu.	----	Cu.	SE	Cu.	SE	Cu.	SE	Cu.	----	Cu.	----
23	S.-Cu.	----	S.-Cu.	E	Cu.	E	Cu.	E	Cu.	----	Cu.	----
24	N.	----	N.	NbyW	N.	----	N.	NbyW	N.	----	Cu.-N.	----
25	Cu.	----	Cu.	----	S.-Cu.	----	Cu.	SSE	Cu.	SSE	Cu.	SE
26	S.-Cu.	W	Cu.	----	Cu.	W	Cu.	W	Cu.	----	Cu.	----
27	Cu.	----	Cu.	----	Cu.	----	Cu.	----	Cu.	----	Cu.	----
28	Cu.	----	Cu.	----	Cu.	----	Cu.	----	Cu.	----	Cu.	----
29	S.-Cu.	----	Cu.	----	S.-Cu.	----	S.-Cu.	----	Cu.	WSW	Cu.	----
30	Cu.-N.	----	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	----	Cu.-N.	----	Cu.-N.	----
31	Fr.-N.	----	Cu.-N.	WSW	Fr.-N.	----	Cu.-N.	WSW	Cu.	W	Cu.-N.	----

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Ci.-S.		A.-Cu.	SW	Ci.-S.		A.-Cu.	SW	Ci.-S.		Ci.-Cu.	
A.-Cu.	SWbyW	A.-Cu.		A.-Cu.	SW	A.-Cu.		A.-Cu.		A.-Cu.	
Ci.-S.	W	Ci.-S.		A.-Cu.	W	A.-Cu.		A.-Cu.		A.-Cu.	
								Ci.-Cu.		A.-Cu.	
Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.		Ci.		Ci.-S.		Ci.-S.	
Ci.						A.-Cu.					
Ci.-S.		Ci.-S.		Ci.-S.		Ci.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.								Ci.-S.	
		Ci.-S.		A.-Cu.				A.-Cu.		A.-Cu.	
Ci.		Ci.		Ci.-Cu.		Ci.-S.		A.-Cu.		Ci.-S.	
						A.-Cu.					
A.-Cu.	WNW	A.-Cu.	WNW					A.-Cu.	N	Ci.-S.	
A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.		Ci.-S.	
A.-Cu.		A.-Cu.	E	Ci.-S.		Ci.-S.		A.-Cu.		A.-Cu.	
Ci.		Ci.-Cu.		Ci.	NEbyE	Ci.-S.		A.-Cu.		Ci.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.				Ci.	
				Ci.-S.							
A.-Cu.	E	Ci.		Ci.		A.-Cu.	E	Ci.		Ci.	
Ci.		Ci.		Ci.		Ci.				Ci.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		A.-S.		A.-S.	
		Ci.-S.		Ci.-S.		Ci.-S.		A.-S.		A.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.			
Ci.-S.		Ci.-S.		Ci.		Ci.-S.		A.-Cu.		Ci.-S.	
Ci.-S.		Ci.	NbyE	Ci.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
A.-Cu.	NW	Ci.-S.		Ci.-S.		A.-Cu.	NW	Ci.-S.		Ci.-S.	
		A.-Cu.				A.-Cu.		Ci.-S.			

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.		Cu.		Cu.		S.-Cu.		S.-Cu.	WbyS	Cu.-N.	WbyS
Cu.-N.		Cu.-N.	SW	Cu.-N.		Fr.-N.	W	Fr.-N.	W	Cu.-N.	
Cu.-N.		Cu.		Cu.-N.		Cu.-N.		Cu.-N.		S.-Cu.	
Cu.	S	Cu.	S	Cu.		Cu.		Cu.-N.		Cu.-N.	S
Cu.-N.		Cu.-N.		Cu.-N.	S	Cu.-N.		Cu.-N.		S.-Cu.	
Cu.	NE	Cu.		Cu.-N.		Cu.		Cu.-N.		Cu.-N.	
Cu.	W	Cu.	W	Cu.		Cu.		Cu.-N.		Cu.-N.	
Cu.	W	Cu.	W	Cu.	W	Cu.		Cu.		Cu.	
Cu.-N.	W	Cu.		Cu.-N.		Cu.		Cu.-N.	WSW	Cu.	
Cu.-N.	WSW	Fr.-N.		Cu.	WSW	Fr.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.-N.	SWbyW	Cu.-N.	SWbyW	Cu.-N.	SWbyW	Cu.-N.		Cu.-N.	
Fr.-N.	WbyN	Cu.-N.	WNW	Cu.-N.		Fr.-N.		Fr.-N.		Cu.-N.	
Cu.		Cu.	WSW	Cu.		Cu.		Cu.		Cu.	
Cu.	SW	Cu.	WSW	Cu.	WSW	Cu.	WSW	Cu.		Cu.	
Cu.-N.	SW	Cu.-N.		Cu.	SW	Cu.	SW	N.-cf.	SW	N.-cf.	SW
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.-N.	
Cu.	E	Cu.-N.	E	Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.-N.	
Cu.		Cu.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.	E	Cu.		Cu.-N.	E	Cu.-N.		Cu.	
Cu.-N.		N		N		N		Cu.-N.		Cu.-N.	
Cu.	SE	Cu.-N.	EbyS	Cu.-N.	EbyS	Cu.-N.		Cu.-N.		Cu.-N.	
Cu.	E	Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.-N.		Cu.-N.	W	Cu.-N.	W	Cu.-N.		Cu.-N.		Cu.-N.	
Cu.	E	Cu.	E	Cu.		Cu.		Cu.		Cu.-N.	
Cu.		Cu.		Cu.		Cu.		Cu.		S.-Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Fr-Cu.	W	Cu.	W	Cu.	W	Cu.	W	Cu.-N.		Cu.-N.	
Cu.	WNW	Cu.	WNW	Cu.-N.	WNW	Cu.	WNW	Cu.	W	Cu.	
Cu.-N.	SW	Cu.-N.	SW	Cu.-N.		N	WSW	N		N	
Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	WSW	Cu.		Cu.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	Calm	--------	Calm	--------	ENE	0.5	ENE	0.5	ENE	1	Calm	--------
2	Calm	--------	Calm	--------	ENE	.5	ENE	.5	Calm	--------	Calm	--------
3	NE	2	Calm	--------	NE	1	NE	1.5	ENE	1	Calm	--------
4	Calm	--------	Calm	--------	SE	1	ENE	.5	ENE	.5	Calm	--------
5	ESE	.5	ESE	0.5	ESE	.5	ESE	1	Calm	--------	Calm	--------
6	E	1	ENE	1	ENE	2	SE	.5	SSW	1	Calm	--------
7	SWbyW	4	W	4.5	ENE	2	E	1	Calm	--------	Calm	--------
8	Calm	--------	NNE	2.5	E	1.5	E	1.5	ESE	2	Calm	--------
9	ENE	1.5	ENE	1	Calm	--------	NNE	1.5	NE	1	SW	7.5
10	NE	1.5	ENE	.5	ENE	1	Calm	--------	Calm	--------	Calm	--------
11	Calm	--------	ESE	2	ESE	1.5	Calm	--------	E	1.5	Calm	--------
12	NW	4.5	N	4	NNE	3.5	Calm	--------	SE	.5	Calm	--------
13	NE	.5	E	1	SE	3	S	.5	E	.5	ENE	.5
14	SW	2.5	SW	2	W	3	W	.5	Calm	--------	Calm	--------
15	NE	1	NE	1	NE	.5	Calm	--------	E	.5	NE	.5
16	SSW	1	S	.5	NNE	1.5	ENE	1.5	Calm	--------	Calm	--------
17	Calm	--------	W	3	Calm	--------	Calm	--------	Calm	--------	Calm	--------
18	E	.5	E	.5	NE	.5	Calm	--------	ENE	.5	Calm	--------
19	Calm	--------	ENE	.5	Calm	--------	NNE	.5	ENE	.5	Calm	--------
20	Calm	--------	NNW	.5	NNE	1	NNE	1	NE	.5	Calm	--------
21	NE	2	Calm	--------	NE	.5	Calm	--------	NNE	.5	NE	.5
22	ENE	.5	ENE	.5	Calm	--------	ENE	1	Calm	--------	Calm	--------
23	Calm	--------	ENE	.5	ENE	.5	ENE	.5	Calm	--------	Calm	--------
24	NE	1.5	N	2.5	NNW	3	NNW	1	NNW	1	Calm	--------
25	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
26	ENE	.5	ENE	.5	Calm	--------	ENE	.5	ENE	.5	Calm	--------
27	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
28	E	1	NE	1	Calm	--------	Calm	--------	Calm	--------	Calm	--------
29	N	2.5	N	3	N	3	NNW	3.5	NNW	6.5	Calm	--------
30	N	3	WNW	3.5	WNW	2	WSW	4	WNW	3	E	1
31	Calm	--------	WSW	6.5	WNW	3.5	WNW	4	NNE	1	Calm	--------
Mean	------------	1	------------	1.4	------------	1.2	------------	0.9	------------	0.8	------------	0.3

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	NW	1	NNW	3	NW	4.5	NW	2.5	Calm	--------	NW	1
2	WSW	6	WSW	13	WSW	8	WbyS	7	WSW	10	SW	6.5
3	W	.5	W	5.5	WSW	3	WSW	6	WSW	12	WSW	7.5
4	W	2.5	SW	5	WSW	7	W	6	WSW	7.5	WSW	5.5
5	WSW	2.5	SW	3	WSW	6	WSW	4	SSW	6.5	SSW	4
6	WSW	3.5	W	4	WSW	7	WSW	7	SSW	4	SW	6.5
7	WSW	7.5	WSW	6.5	WSW	8	WSW	8	WSW	3.5	WNW	3.5
8	WSW	4.5	WSW	9.5	WSW	7.5	WSW	8	SW	7	WSW	7
9	WSW	9	SW	4	SW	4	SW	13	SW	3.5	WSW	4.5
10	SW	7	WSW	6.5	SW	6	WSW	4	SW	2.5	SW	4
11	WSW	11	WSW	10	WSW	11	WSW	7.5	WSW	8.5	SW	4.5
12	W	6	NW	2.5	WNW	6	NNW	1.5	W	.5	SW	4
13	WSW	4	WSW	8	WSW	4	WSW	5	WSW	6.5	WSW	3
14	WSW	6.5	SW	4	SW	7	SW	3.5	SW	6.5	WSW	8
15	WSW	8	SW	7.5	SWbyW	9	SW	5	WSW	5	SWbyW	4.5
16	WSW	5	WSW	1.5	WSW	3	SW	4.5	SWbyW	8	SWbyW	3.5
17	W	3	W	4.5	W	3	WSW	1.5	SW	1	SSW	2
18	WNW	4	W	3.5	W	3	WSW	2	SW	1	WSW	3
19	WNW	2	WSW	3	W	2	Calm	--------	NNE	2.5	NE	3
20	WSW	2.5	W	3.5	WNW	1.5	WNW	1	Calm	--------	ENE	1
21	SW	1.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
22	W	4.5	SW	1	W	2	W	1.5	WNW	1.5	Calm	--------
23	WNW	2	Calm	--------	Calm	--------	Calm	--------	SE	1	Calm	--------
24	WSW	7.5	WSW	8.5	WSW	8.5	SWbyS	3	Calm	--------	Calm	--------
25	WbyN	2.5	WbyN	2.5	W	2	WSW	4.5	WSW	2	S	1
26	W	1.5	WSW	2	SSW	1.5	W	1	SSW	2.5	SW	3
27	SW	.5	SW	2	SSW	1.5	WSW	2.5	SW	3	SW	4.5
28	WSW	6	WSW	8	WSW	8	WSW	7	WbyS	7	WbyN	4.5
29	SW	5.5	WSW	4	WSW	5	WNW	6.5	WSW	9.5	WNW	5
30	WSW	3.5	NW	5	WSW	5.5	SW	6	SW	6	Calm	--------
31	SSW	3.5	WNW	5.5	WSW	9.5	WSW	9.5	WSW	6.5	WSW	6
Mean	------------	4.3	------------	4.7	------------	5	------------	4.5	------------	4.4	------------	3.6

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
NNE	2	N	4	N	3.5	N	1.5	NNW	1.5	NW	2
WSW	4	SSW	3.5	SSW	1.5	S	2	SSW	3.5	SSW	3.5
ENE	.5	Calm	----------	Calm	----------	WSW	.5	WbyS	8	WSW	1.5
E	1	Calm	----------	SSE	.5	WSW	2.5	WSW	3	SW	3
ENE	1.5	Calm	----------	Calm	----------	S	.5	WSW	2	WSW	3
WSW	4.5	Calm	----------	NNW	.5	WSW	2.5	WSW	4.5	SW	3.5
Calm	----------	Calm	----------	WSW	1	W	1	WbyS	5	WSW	7.5
WSW	4.5	Calm	----------	SSW	1	WSW	4	WSW	1.5	WSW	5
ENE	1.5	Calm	----------	ENE	1.5	WNW	1	WSW	4.5	SWbyW	8.5
SSE	.5	SW	3	SSW	4	SW	4.5	SW	8.5	WSW	5
ENE	.5	ENE	1	Calm	----------	SW	2.5	SW	3	WSW	8
ESE	.5	Calm	----------	WNW	1	W	.5	W	3	SW	4.5
E	.5	Calm	----------	NNW	2.5	SW	1.5	W	2	WSW	8
Calm	----------	Calm	----------	S	4	SW	1	SW	1.5	WSW	4.5
E	.5	ESE	1	S	.5	SW	1.5	WNW	1.5	SW	3.5
Calm	----------	Calm	----------	WSW	1	WSW	2	WSW	1.5	WSW	.5
Calm	----------	Calm	----------	SW	.5	Calm	----------	WSW	2.5	WSW	3.5
Calm	----------	Calm	----------	WSW	1.5	WNW	3	W	2	WNW	2.5
Calm	----------	NNE	1.5	NNE	.5	NNE	.5	WNW	1.5	WSW	2.5
Calm	----------	NE	1.5	WSW	.5	W	1.5	WSW	2.5	W	3.5
Calm	----------	Calm	----------	Calm	----------	NE	1.5	Calm	----------	Calm	----------
Calm	----------	Calm	----------	ESE	2.5	Calm	----------	ESE	1	SW	2
Calm	----------	Calm	----------	Calm	----------	ENE	1.5	WSW	2	WNW	3.5
Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------
Calm	----------	Calm	----------	Calm	----------	Calm	----------	WNW	1.5	WNW	2.5
ENE	2	Calm	----------	NNE	1	NW	4	W	1.5	W	2
Calm	----------	WNW	1.5	NW	1.5	NW	3	WSW	1.5	WSW	1.5
Calm	----------	Calm	----------	WSW	2	WSW	1	WNW	4.5	WSW	4
Calm	----------	NNW	2	NNW	3	NNW	.5	WNW	1.5	WSW	6.5
Calm	----------	SSW	4	SSW	4.5	SSW	2	SW	1.5	SW	1
Calm	----------	Calm	----------	NNE	2	WSW	8	SWbyW	8.5	WSW	12
------------	0.8	------------	0.7	------------	1.4	------------	1.8	------------	2.8	------------	3.8

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		12 m. n.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
W	4	SSW	2	S	1.5	SSE	.5	Calm	----------	Calm	----------	1.5
SWbyW	8	WbyS	5	SW	3	WNW	4	SbyW	1.5	S	1.5	3.9
SW	3	ESE	2.5	SE	2	SE	1.5	SE	1	Calm	----------	2.5
W	7.5	SWbyW	6	SW	2	ESE	1.5	ESE	.5	Calm	----------	2.6
SbyW	2.5	S	1	SSE	1	Calm	----------	ENE	1.5	E	1.5	1.8
WSW	3.5	SW	4	WSW	3.5	WSW	3.5	W	3.5	SW	4	3.1
Calm	----------	ENE	2	ESE	1.5	ENE	.5	ESE	1	NNE	1	2.9
WSW	5.5	WSW	6	W	5.5	WNW	2.5	W	5	WSW	2	3.9
WSW	5.5	W	9	WNW	4	E	1.5	E	1	E	1.5	3.8
SSW	4	SbyW	4.5	SSW	4.5	S	4	SSW	2	Calm	----------	3.2
WNW	2	WNW	6	SW	4	SSW	1	SE	.5	Calm	----------	3.6
Calm	----------	Calm	----------	WSW	5.5	WbyS	3	SW	3.5	WSW	3.5	2.4
SW	1.5	WSW	3.5	SW	1.5	WSW	2.5	WSW	.5	SSE	5	2.5
SW	5.5	WbyS	4.5	SW	3.5	NNW	.5	WNW	1	Calm	----------	2.9
S	5	SE	1.5	SE	1	SE	1	SE	1	SE	1	2.6
SW	1.5	SW	3	SW	3	S	1.5	Calm	----------	S	.5	1.9
S	2	E	1.5	ENE	1	ENE	.5	Calm	----------	Calm	----------	1.2
SW	2	SW	1.5	SSE	1	SE	1	Calm	----------	Calm	----------	1.4
NNE	1.5	Calm	----------	N	1	NNW	.5	Calm	----------	Calm	----------	1
Calm	----------	Calm	----------	Calm	----------	ESE	1.5	Calm	----------	N	1.5	1
Calm	----------	Calm	----------	E	.5	Calm	----------	Calm	----------	ENE	.5	.3
Calm	----------	Calm	----------	ESE	.5	Calm	----------	Calm	----------	Calm	----------	.8
SSW	1.5	SSE	.5	NNW	2.5	NNE	3	ESE	3.5	ENE	4.5	1.1
Calm	----------	ESE	2	ESE	1.5	ESE	1.5	Calm	----------	Calm	----------	1.7
Calm	----------	ENE	.5	ENE	.5	ENE	.5	Calm	----------	Calm	----------	.8
SW	2.5	WSW	3	SSE	2.5	Calm	----------	NNW	1.5	NNE	1	1.4
WSW	4.5	W	6	WSW	3.5	WSW	3	WNW	2	ENE	1	1.8
WbyN	5.5	WbyN	5	WNW	4.5	WNW	4	WNW	2.5	Calm	----------	3.1
W	3	W	4	WSW	3	W	2	NW	1	NW	2.5	3.5
WNW	5.5	W	7	WNW	6	Calm	----------	WNW	1	Calm	----------	3.1
SSW	5	SSW	4.5	SSW	1	SSW	1.5	SSW	2	SSW	.5	4.2
------------	3	------------	3.1	------------	2.5	------------	1.5	------------	1.2	------------	0.9	2.3

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	1	1	1.5	1.5	2.5	3	6.5	**16**	13	13	9	10
2	.5	1.5	3	2.5	2.5	2	5.5	17	11	7.5	10	9.5
3	4	4	4	5	2.5	4	5.5	2	1.5	2.5	17	8
4	.5	2.5	3.5	2	2.5	4	3.5	5	5	6.5	10	12
5	3	4	3	4	3	4	3.5	3	2	2.5	7	11
6	3	2	7.5	3	3	4.5	23	9	5	6	17.5	13.5
7	14	22	7.5	3.5	3	0	.5	3	4.5	4.5	18	22
8	1.5	4	5.5	5	4.5	7.5	16	9	7	11	10.5	16
9	3	2.5	2.5	2.5	4	7.5	6.5	5.5	5	3	17	28
10	5.5	5	3	3	1.5	1.5	4.5	9.5	12	19	32	28
11	1.5	3.5	5	4	2	4.5	3	4	2.5	4	13	25
12	4	20	8.5	4.5	2.5	3.5	3	4	2.5	4.5	10	16.5
13	5	3.5	6	6	2.5	3	4	1	8	18	6.5	17.5
14	12.5	16	19	10	6	1.5	2.5	4	7	10	8.5	20
15	2	3.5	2.5	1	1.5	2.5	3	1.5	5	9	9.5	14
16	4	3.5	1.5	6.5	3.5	2	1	1.5	5.5	7	8	8
17	3.5	9	6	0	.5	0	.5	1	4.5	3.5	5.5	11
18	2	3	2	2.5	2.5	3	3.5	3	3	7.5	12	13
19	1.5	3	2	5	4.5	1.5	2	3.5	8.5	7	10	12.5
20	1	4	5	4	4	1.5	3.5	3	2.5	6.5	11	11.5
21	**5.5**	4	2	1.5	1	4.5	3	3.5	2	3.5	3	0
22	4.5	3	5.5	2.5	3	1.5	1	2.5	6.5	7	7.5	5.5
23	1	3	2.5	4	1	1.5	2.5	3.5	1	1.5	12	13
24	9	6	8.5	6.5	3	3.5	1.5	1.5	1.5	5	2.5	2.5
25	1.5	2.5	1	1	1.5	.5	2	4	5.5	4.5	10.5	12
26	2.5	4.5	3	3	2.5	3	3.5	4	4	4	9	9
27	3.5	1.5	3	0	1.5	3.5	4	4	10	9	5.5	6
28	3.5	3.5	1.5	1.5	3	3	3	1	3	4	9	11
29	3	9	10	14	18	16	5	8	6	8	10	14
30	9	17	12	14	13	6	4	4	15	17	17	9
31	3	15	21	15	4	4	5	3.5	5	13.5	36	**38**
Mean	3.8	6	5.4	4.5	**3.5**	**3.5**	4.4	4.7	5.6	7.4	11.7	13.8

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	10	10	10	10	10	9	9	9	10	10	10	10	9.8	1	20
2	9	10	9	8	9	8	8	9	10	10	10	10	9.2	4	15
3	8	9	6	7	10	8	6	6	7	9	10	10	8	6	25
4	4	4	4	3	4	3	3	4	4	4	6	10	4.4	**10**	**30**
5	4	8	7	8	4	5	4	4	8	10	10	10	6.8	7	25
6	8	7	7	8	7	7	7	8	9	9	9	9	7.9	8	00
7	8	7	8	7	5	5	7	7	6	6	8	9	6.9	7	15
8	7	8	8	8	7	6	8	9	8	9	9	10	8.1	5	25
9	10	8	10	10	10	10	10	9	10	10	9	9	9.6	0	55
10	10	10	8	8	6	8	9	9	6	9	10	8	8.4	6	10
11	8	6	8	8	7	8	7	8	7	7	5	9	7.3	9	35
12	7	9	8	6	7	9	10	10	10	10	10	10	8.8	4	50
13	9	10	10	10	9	6	8	6	3	4	4	5	7	6	10
14	9	9	10	7	6	6	7	7	8	7	7	9	7.7	7	15
15	9	8	7	9	6	6	7	8	9	6	9	8	7.7	7	05
16	8	9	4	5	3	2	6	6	5	5	5	8	5.5	9	05
17	8	4	6	8	7	7	3	4	6	5	4	7	5.8	9	45
18	2	1	5	4	3	2	3	2	3	3	3	4	**2.9**	10	05
19	4	4	3	4	5	6	3	4	7	8	5	9	5.2	8	20
20	7	9	6	7	5	6	6	6	7	8	9	8	7	8	20
21	8	8	9	10	9	10	10	10	10	10	10	10	9.5	**0**	**00**
22	8	7	8	9	8	9	10	10	10	10	10	10	9.1	4	30
23	7	7	7	8	8	9	10	9	9	9	10	10	8.6	4	50
24	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
25	7	6	5	8	7	5	7	7	7	9	9	9	7.2	6	50
26	9	2	6	3	2	2	3	4	4	4	5	5	4.1	8	55
27	7	8	9	9	9	7	7	6	7	7	7	6	7.4	6	30
28	8	8	8	8	9	9	8	8	7	7	7	10	8.1	9	55
29	9	9	10	10	10	10	8	10	10	10	9	10	9.6	3	20
30	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0	10
31	10	10	10	8	9	10	10	10	10	10	9	10	9.7	2	20
Total														185	30
Mean	7.8	7.6	7.6	7.7	7.1	**7**	7.2	7.4	7.6	7.9	8	**8.8**	7.7	5	59

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-Mdt.	Mean.
12. 5	9. 5	14	14	9. 5	7. 5	9	10	4	4	1. 5	1	7. 3
22	**37.5**	34	34	31	30	31	23	12. 5	15. 5	5	5	14. 7
5	15. 5	23. 5	20	**29. 5**	27. 5	12	9	8	5	5	1. 5	9. 2
11. 5	15. 5	20	25	**27**	**27**	23. 5	22. 5	13	5	4. 5	1. 5	10. 5
13. 5	15	17. 5	13	**18.5**	13. 5	11	5	1	2. 5	5	2. 5	7
14	14. 5	25. 5	**27.5**	22. 5	22. 5	21. 5	21. 5	19	15	16	15	13. 8
36	27	22	30	23	20	5	5. 5	5	4	3	6. 5	12. 1
22	30	**36**	33	26	33	23	25	20	13	18	10	**16.1**
33	32	17	30	26	25	20	**36**	18	6	3	3. 5	14
37	30	23	27	18	19	14	11	9	9	5	3	13. 7
34	33	**39**	31	28	29	20	26	16	8	3	2	14. 2
29	15	21	13. 5	6. 5	15. 5	5	1. 5	22	16. 5	15	14	10. 8
21	21	24	**29**	27	19. 5	13. 5	22	13	19	5	2. 5	12. 4
35.5	24. 5	28. 5	25. 5	22. 5	27. 5	24	23	15. 5	11	9. 5	. 5	15. 2
18	30	**31**	25	25	22	20	9	5	3. 5	4	3. 5	10. 5
14	16	14	21	24	**27**	18	17	13	10	1	2. 5	9. 6
13	**14**	13	9	10	13	12	5	7	3	2	1	6. 1
14	11	12	9. 5	**14.5**	8	9	12	8	5	4	1. 5	6. 9
15	10. 5	11	6	8	**22.5**	12	4	4. 5	5	4	1	6. 9
14	**16**	12. 5	9	9. 5	5	6	1	4	4. 5	4	5	6. 2
3	3. 5	4. 5	1	. 5	. 5	. 5	0	1. 5	2. 5	2. 5	3	**2.4**
12	5	6	10	5. 5	3	0	1. 5	2. 5	2	2. 5	1. 5	4. 2
16	12. 5	6. 5	3. 5	2. 5	4	6. 5	4	**18.5**	5	6	11	5. 9
22	**33**	29	18	6. 5	3. 5	6. 5	6. 5	7	6	4	2	8. 1
13	12	9. 5	9. 5	9. 5	6. 5	4. 5	2. 5	5	5	2	1	5. 3
8. 5	9. 5	9. 5	11. 5	10. 5	11. 5	**16**	15	9	4	3. 5	4. 5	6. 9
6	8. 5	12. 5	14. 5	18. 5	21	**25**	19. 5	19	13. 5	9	5	9. 3
12	24	24	**27**	24	26	20	19	19	20	13	9	11. 8
27	22	24	25	**30**	26	17	13	9	13	9	11	14. 5
21. 5	11. 5	14	28	26	20. 5	24. 5	**31**	27	9	2. 5	3. 5	14. 8
24	18	25	33	27	27	24	10	6. 5	5. 5	7. 5	5. 5	15. 7
18. 7	18. 6	19. 5	**19.8**	18. 3	18.2	14. 6	13. 3	11	8. 1	5. 8	4. 5	10. 2

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	3	1		3				1	1	1			1		5	2	6	174. 5	1. 6	2. 6
2				2					2	6	1	6	2	1			4	353	3. 5	
3			3	2		1	3				1	6	3				5	221. 5	2. 4	11. 7
4				2	1	2	1	1			3	6	3				5	253	3. 3	2. 1
5				2	1	4		1	2	3	1	5					5	168	2. 5	
6				2	1		1			2	4	9	2			1	2	331. 5	**3.9**	9. 2
7		1		3	1	2						8	3	1			5	289. 5	3	. 3
8		1			2	1				1	1	12	2	1			3	**386.5**	3. 5	
9		1	1	4	3						5	5	1	2			2	336. 5	1	53. 4
10			1	2				1	1	5	7	3					4	329. 5	3. 3	2. 4
11				2	1	2	1			1	4	6		2			5	341	3. 2	3
12	1	1				1	1				3	2	5	2	2	1	5	258	1. 1	22. 2
13			1	1	3		1	1	1		3	10	1			1	1	297. 5	1. 9	**62.5**
14									1		10	3	3	1		1	5	364. 5	2. 3	4. 8
15			4		2	1	5		2		4	4		1			1	251	3	
16		1		1					3	1	4	9					5	229. 5	3. 2	4. 3
17				2	1				1	1	2	3	4				10	147	2. 7	1. 5
18			1	1	2		1	1			3	3	3	3			6	165. 5	3. 6	
19	1	6	1	2								2	1	2		1	8	164. 5	3	
20	1	2	2	1		1						3	3	2		1	8	148	2. 8	1. 3
21		1	4	1	1						1						16	**56.5**	. 1	11. 5
22				3		3					2		3	1			12	101. 5	2. 2	
23		1		5		1	1	1		1		1		2		1	10	142. 5	1. 4	18. 5
24	1		1			3						4				3	12	195	**0**	18
25				3					1			2	1	4			13	126. 5	2. 7	
26		2		5				1		2	2	2	4		1	1	4	165	**3.9**	
27				1						1	4	6	1	2	2		7	223. 5	3. 3	
28			1		1							7	1	7			7	284	**3.9**	
29	3										1	5	3	3	2	5	2	347	2. 6	4. 3
30	1				1					3	4	3	1	6	1		4	356	. 2	29. 5
31		2								7		8		3			4	376	2. 6	11. 5
Total Mean	11 0. 4	20 0. 6	20 0. 6	50 1. 6	21 0. 7	22 0. 7	15 0. 5	8 **0.3**	15 0. 5	35 1. 1	70 2. 3	143 4. 6	51 1. 6	46 1. 5	13 0. 4	18 0. 6	186 **6**	7, 583. 5 244. 6	77. 7 2. 5	274. 6 8. 9

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	758. 90	8. 30a.	30. 7	1. 50p.	96	**22.1**	756. 70	2. 40p.	23. 8	4. 10a.	69	20. 3
2	57. 90	10. 50p.	31. 7	0. 40p.	98	22. 7	55. 60	4. 15p.	23. 3	5. 45a.	68	20. 4
3	58	10. 55p.	31. 7	3. 50p.	**99**	22. 8	55. 71	4. 00p.	23. 8	5. 50a.	69	20. 1
4	58. 85	9. 35p.	31. 9	2. 20p.	96	23. 2	55. 55	4. 05p.	24	3. 00a.	68	21. 1
5	58. 60	10. 35p.	32. 3	1. 50p.	97	24. 4	55. 95	3. 45p.	23. 8	5. 25a.	71	21. 3
6	58. 75	8. 35a.	31. 7	2. 25p.	98	24. 1	55. 80	3. 35p.	24. 4	5. 50a.	70. 5	21. 1
7	58. 60	10. 00p.	32. 1	0. 15p.	94	25. 1	56. 25	4. 15p.	24	5. 50a.	71	20. 4
8	57. 90	9. 40p.	31. 7	0. 45p.	**92**	23. 6	55. 70	3. 30p.	23. 8	4. 15a.	68	20. 4
9	58. 60	11. 00p.	30. 4	0. 20p.	98	24. 3	55. 90	3. 50p.	23. 4	11. 55p.	78	21. 1
10	58. 45	0. 15a.	31. 4	2. 55p.	**99**	23. 6	55. 55	4. 40p.	23. 2	2. 45a.	71	20. 8
11	58. 50	10. 40p.	32. 5	0. 05p.	95	24. 7	56	3. 25p.	24. 2	3. 45a.	70	20. 6
12	58. 90	8. 30a.	31. 7	0. 40p.	97	25. 1	56. 95	2. 45p.	23. 7	2. 30a.	72	20. 6
13	58. 10	9. 45a.	31	3. 35p.	97	24. 1	54. 90	4. 25p.	23. 8	4. 30a.	73	21. 4
14	57. 65	10. 45p.	31. 1	0. 05p.	97	25. 8	55. 57	4. 00p.	24. 6	0. 10a.	73	21. 2
15	58. 20	11. 10p.	31. 6	0. 40p.	95	24. 2	55. 90	4. 00p.	24. 1	4. 20a.	75. 5	20. 9
16	58. 55	8. 45a.	32. 2	3. 40p.	97	23. 4	55. 35	3. 35p.	24	0. 15a.	71	20. 9
17	58. 40	10. 45p.	32. 8	3. 20p.	95	23. 8	55. 17	4. 00p.	**24.8**	5. 10a.	67	**21.5**
18	58. 75	9. 20a.	33. 6	2. 35p.	**92**	24. 6	55. 40	4. 55p.	24. 1	5. 30a.	**59**	20. 5
19	58. 55	10. 00p.	33. 8	3. 05p.	93	24. 6	55. 95	3. 55p.	**24.8**	11. 55p.	63	20
20	58. 55	9. 30p.	**34.6**	3. 40p.	97	24. 9	55. 45	3. 45p.	23. 7	5. 10a.	63	20. 2
21	59. 25	10. 45p.	30. 2	0. 45p.	98	23. 3	56. 85	4. 45p.	23. 3	11. 50p.	81	21. 2
22	**59.42**	9. 00a.	32. 2	11. 45a.	97	24. 8	**57.19**	4. 00p.	22. 4	5. 20a.	67	19. 7
23	59. 05	9. 30a.	32. 2	1. 10p.	96	**26.5**	56. 15	6. 25p.	22. 5	11. 35p.	70	**17.4**
24	58. 40	0. 05a.	**27.6**	10. 35a.	98	22. 9	55. 30	2. 05p.	22. 6	11. 55p.	**86**	20
25	57. 55	9. 35p.	32. 7	3. 10p.	97	24. 6	54. 80	3. 20p.	**21.7**	5. 40a.	71	19
26	57. 50	11. 05p.	33	3. 50p.	96	23. 1	55. 25	2. 30p.	23	5. 55a.	63	19. 9
27	57. 90	10. 15a.	32. 2	1. 35p.	95	23. 7	55. 90	3. 40p.	24	5. 40a.	68	20. 9
28	58. 50	9. 20a.	32. 3	3. 25p.	95	24. 3	55. 90	3. 25p.	23. 3	5. 50a.	63. 5	18. 9
29	58. 50	11. 45p.	31. 3	1. 50p.	**92**	23. 7	56	4. 30p.	23. 6	5. 45a.	71	20
30	58. 10	0. 10a.	30. 5	0. 05p.	94	25. 8	55. 45	4. 20p.	23. 4	0. 50a.	81	19. 8
31	**57.10**	0. 05a.	31. 3	11. 15a.	93	24. 1	**54.53**	4. 00p.	23. 7	1. 05a.	72	20
Mean	759. 39	--------	31. 8	--------	95. 9	24. 1	755. 76	--------	23. 6	--------	70. 4	20. 4

DAILY GENERAL REMARKS.

1----≡°, ● in the morning; ○ a. p.
2----≡° a.; d°, gusty WSW winds in the afternoon.
3----≡°, ● a.; T° S in the afternoon; ⌒², d°, gusty WSW winds in the evening.
4----≡°, ●° in the morning; ●, ⚡ various points at night.
5----≡°, d°, ⚡° S quad. in the morning; ⚡ NE quad, TS. in the afternoon; ϟ NNW in the evening.
6----≡°, ●, ⌒² early in the morning; ⚡° S quad. in the afternoon; ϟ² N in the evening.
7----∞°, ⌒ in the morning; ⚡ N quad., somewhat gusty WSW winds in the afternoon; ●° at night.
8----≡° a.; gusty WSW winds in the afternoon; ϟ N in the evening.
9----●² a.; gusty SWly. winds, ○, ● p.
10----≡°, ● in the early morning; ○ a.; d° in the afternoon.
11----≡°, convergence of Ci. toward NE in the morning; gusty WSW winds in the afternoon; ● at night.
12----≡°, d early in the morning; ●, ⚡° NW quad. in the afternoon.
13----⚡°, d, ⌒° early in the morning; T° W, ●² in the morning; somewhat gusty WSW winds in the afternoon.
14----●, ○ in the morning; somewhat gusty SWly. winds in the afternoon; ϟ N in the evening.
15----⌓, ≡° a.; gusty SWly winds in the afternoon.
16----●, ≡° early in the morning; somewhat gusty SWly. winds in the afternoon; ϟ NW quad. in the evening.
17----≡° a.; ● in the early morning and night; ⚡ N quad., coloration of clouds in the evening.
18----≡° a.
19----≡° a.; ⚡° E quad., d° in the afternoon; coloration of clouds at sunset.
20----≡° a.; light thundershowers in the afternoon; ϟ N in the evening; ⋓° p.
21----● in the morning, and afternoon; T NE quad. in the afternoon.
22----≡°, d in the morning; T W quad., p° in the afternoon; ϟ E quad. in the evening.
23----≡° a; ⚡ NE and S quad., ● in the afternoon; intense coloration of clouds at sunset; ⚡² N quad., ● at night.
24----Rainy weather, with somewhat gusty WSW winds in the afternoon.
25----≡°, ○, convergence of Ci. toward NE in the morning; ⚡ E quad. in the afternoon; ϟ in the evening.
26----≡° a.; coloration of upper clouds at sunset.
27----≡°, ○ a.; convergence of Ci. toward NNE in the afternoon.
28----⌓°, ≡° a.; ○°, convergence of Ci. toward NNW in the morning and afternoon; somewhat gusty WSW winds in the afternoon.
29----d°, convergence of Ci. toward N in the morning; gusty WSW winds in the afternoon; ● at night.
30----Frequent rain, especially in the afternoon, with gusty wind.
31----≡ a.; some rain with gusty WSW winds in the morning and afternoon.

OBSERVATIONS FOR SEPTEMBER, 1910.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	55. 85	55. 70	55. 30	55. 25	55. 45	55. 58	55. 69	55. 87	56. 39	56. 04	56. 07	55. 84
2	56. 30	55. 70	55. 40	**55.30**	55. 65	55. 90	56. 15	56. 54	56. 79	56. 77	56. 69	56. 22
3	56. 35	55. 45	55. 60	55. 80	55. 75	55. 86	56. 34	56. 83	56. 77	56. 34	56. 10	55. 88
4	55. 80	55. 05	54. 60	**54.40**	54. 60	54. 89	55. 65	55. 84	55. 79	55. 63	55. 83	55. 64
5	55. 90	55. 75	55. 40	54. 95	**54.50**	54. 87	55. 66	55. 84	56. 29	56. 27	56. 06	55. 59
6	55. 65	55. 30	55. 05	54. 70	54. 60	54. 91	55. 36	56. 09	56. 23	56. 06	55. 88	55. 49
7	55. 60	54. 90	**54.50**	54. 65	54. 70	54. 72	55. 46	55. 96	56. 13	56. 29	56. 29	56. 04
8	57. 35	56. 90	56. 50	56. 55	56. 50	56. 81	57. 46	57. 70	57. 75	57. 72	57. 58	57. 36
9	58. 90	58. 60	58. 20	58. 20	58. 15	58. 23	58. 61	59. 43	59. 50	59. 33	59. 06	58. 57
10	59. 35	58. 65	58. 70	58. 80	58. 80	58. 56	58. 66	59. 39	59. 37	59. 31	59. 10	58. 39
11	58. 75	58. 40	58. 25	58. 20	58. 35	58. 46	58. 85	59. 60	**59.83**	59. 63	59. 24	58. 44
12	59. 50	59. 25	59. 80	58. 90	59. 20	59. 56	60. 34	**60.69**	60. 64	60. 37	59. 58	58. 86
13	59. 40	59. 15	59	59	59. 05	59. 11	59. 51	59. 86	59. 98	**60.02**	59. 52	58. 92
14	58. 80	58. 60	58. 50	58. 10	58. 25	58. 40	59. 16	59. 41	**60.05**	59. 79	59. 49	58. 70
15	58. 30	58	57. 85	57. 55	57. 60	58. 09	58. 76	59. 16	**59.50**	59. 36	58. 90	58. 02
16	57. 75	57. 25	57. 10	57. 15	57. 35	57. 49	57. 74	58. 17	58. 33	58. 50	58. 20	57. 76
17	58. 50	58. 05	57. 95	**57.80**	58. 05	58. 42	59. 14	59. 72	60. 01	59. 96	59. 78	59. 42
18	60. 85	60. 30	60. 05	60	60. 10	60. 36	60. 69	61. 15	61. 17	60. 93	60. 73	60. 34
19	60. 70	60	59. 90	59. 60	59. 90	60. 21	60. 77	**61.05**	60. 87	60. 43	60. 09	59. 57
20	58. 65	58. 50	58. 15	57. 85	58. 05	58. 16	58. 35	58. 71	**59**	58. 93	58. 64	57. 82
21	57. 90	57. 25	57. 20	57. 45	57. 50	57. 54	57. 95	58. 22	58. 19	57. 86	57. 82	57. 14
22	58. 35	58. 15	58. 15	57. 95	58. 10	58. 55	58. 94	59. 31	59. 67	59. 53	59. 11	58. 59
23	59. 80	59. 55	59. 05	58. 65	58. 60	58. 86	59. 02	59. 59	59. 93	**60.06**	59. 85	59. 32
24	**57.50**	57. 45	**57.50**	57. 10	57. 10	57. 01	57. 16	57. 21	56. 89	56. 58	55. 77	54. 50
25	56. 35	56. 40	55. 90	56	56	56. 26	56. 94	57. 35	57. 35	57. 43	57. 03	56. 70
26	57. 30	57. 30	57. 15	57. 15	56. 95	57. 23	57. 44	57. 78	58. 19	**58.28**	57. 73	57. 02
27	56. 75	55. 90	55. 45	55. 55	55, 75	56. 10	56. 43	**56.99**	56. 72	56. 84	56. 34	55. 68
28	54. 75	54. 50	54. 05	53. 90	53. 95	54. 20	54. 41	**54.92**	54. 76	54. 67	54. 09	53. 74
29	53. 35	52. 85	52. 60	**52.40**	52. 60	52. 91	53. 40	53. 87	53. 92	53. 87	53. 84	53. 49
30	55. 10	54. 95	54. 70	**54.40**	**54.40**	54. 69	55. 42	55. 76	56. 07	56. 09	56. 32	56
Mean	57. 51	57. 13	56. 92	56. 78	56. 85	57. 06	57. 52	57. 93	58. 07	57. 97	57. 69	57. 17

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	26. 2	24. 7	**24.6**	25. 7	26. 5	25. 9	25. 8	27. 4	**30.2**	29. 9	**30.2**	29. 2
2	26. 9	26. 4	26. 1	26. 7	27. 1	27. 3	27. 8	28. 9	26. 3	29. 3	**30.6**	30. 5
3	26. 7	26. 7	26. 1	26	26. 2	25. 7	26. 5	27. 5	27. 3	27. 2	26. 9	28. 2
4	24. 7	24. 5	24. 4	24. 4	24. 5	25. 7	25. 5	25. 8	26	**26.2**	25. 4	25. 3
5	24. 2	24. 1	24. 3	24. 1	24. 2	24. 3	25	25. 4	25. 5	26. 2	**28.6**	27. 6
6	25. 2	24. 5	24. 3	24. 2	24. 2	24. 2	24. 7	25. 9	25. 9	25	26. 3	25. 6
7	23. 4	23. 3	23. 4	23. 2	**23.1**	23. 5	25. 7	27. 4	28. 8	30	29. 9	30. 4
8	25. 3	24. 6	24. 7	24. 4	24. 3	**24.2**	25. 2	27. 1	27. 2	28. 8	30. 8	30. 8
9	24. 2	23. 9	23. 6	23. 4	23. 1	23. 1	23. 8	25. 8	28. 2	29. 6	29. 5	29. 4
10	**23.1**	23. 2	**23.1**	**23.1**	23. 3	23. 4	24. 4	24. 8	25. 3	26. 7	26. 6	26. 5
11	23. 9	23. 7	23. 8	23. 6	23. 2	**23.1**	23. 8	26. 6	26. 9	28. 2	30. 5	30. 5
12	24. 8	24. 3	24. 1	23. 8	**23.7**	**23.7**	24. 4	25. 5	28	28. 7	30	30. 7
13	23. 8	23. 8	24	23. 6	**23.3**	23. 4	24. 5	26. 3	27. 6	28. 6	29. 7	28. 6
14	24. 5	24. 5	24. 5	24. 1	24. 2	24. 2	24. 6	24. 5	24. 4	24. 4	24. 5	24. 6
15	23. 7	23. 9	23. 8	23. 6	**23.5**	23. 6	23. 7	23. 8	24. 5	25. 3	25. 7	26. 3
16	24. 6	24. 6	24. 4	24. 1	23. 8	**23.7**	24. 1	27. 1	28. 1	28. 1	**28.8**	28. 2
17	23. 9	23. 6	23. 5	23. 2	23. 2	**23.1**	24	26	28	28	29	**31.2**
18	24. 7	24. 6	24. 5	24. 4	24. 2	23. 9	25	27. 3	28. 6	28. 8	29. 5	30. 2
19	23. 9	23. 6	23. 8	23. 7	23. 7	23. 7	24. 5	25. 1	27. 5	28. 3	28. 9	29. 7
20	**23.1**	**23.1**	23. 4	23. 4	23. 2	23. 3	24	26. 5	26. 6	27. 4	29. 1	29
21	24. 4	24. 2	23. 7	23. 5	23. 2	**22.9**	24. 2	26. 4	29. 2	29. 3	30	31. 3
22	24. 1	23. 9	23. 8	23. 7	**23.5**	**23.5**	24. 1	26. 4	26. 6	28. 3	29. 7	29. 6
23	23. 9	23. 8	23. 9	23. 6	23. 2	**23**	24	26. 7	28. 4	28. 8	28. 9	29. 3
24	24. 6	24. 6	24. 4	**24**	24. 4	24. 4	25. 2	26	26. 8	28. 3	29	29. 2
25	24. 8	23. 9	**23.4**	24	23. 9	23. 8	24. 5	27. 5	28. 5	28. 6	29. 3	29. 9
26	25. 4	24. 8	24. 8	24. 8	24. 8	24. 7	24. 9	26. 6	27. 2	27. 6	29. 2	**30.1**
27	23. 8	**23.3**	**23.3**	23. 8	23. 8	24	25. 2	27. 4	28. 8	29. 2	29. 2	29. 8
28	26. 4	26. 3	25. 6	**24.8**	25. 6	26	26. 3	25. 4	26. 3	**28.5**	28. 1	28. 2
29	25	24. 8	24. 8	23. 9	**23.7**	24. 8	25. 5	27. 6	27. 7	27. 1	**27.8**	25. 7
30	24. 3	24. 6	24. 6	24. 1	**23.9**	**23.9**	25. 5	27	28. 4	28. 6	**30**	29. 3
Mean	24. 6	24. 3	24. 2	**24.1**	**24.1**	**24.1**	24. 9	26. 4	27. 3	28	28. 7	28. 8

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
55.22	54.82	54.88	**54.59**	55.29	55.76	56.44	56.80	57	**57.40**	**57.40**	56.80	55.89
55.82	55.51	56.03	55.96	56.24	56.48	56.73	56.50	56.55	**56.95**	**56.95**	56.90	56.25
55.69	54.99	54.74	**54.53**	54.67	54.88	55.34	55.75	56.45	**56.95**	56.75	56.35	55.84
55.42	54.82	54.79	54.90	54.85	55.01	55.36	55.90	56.35	**56.40**	**56.40**	56.25	55.42
55.33	55	54.60	54.65	54.94	55.21	55.49	55.70	56.10	**56.35**	56.10	56.20	55.53
54.62	54.49	**54.10**	54.36	54.61	55.61	55.99	56.15	56.45	**56.60**	56.25	55.95	55.44
55.41	55.13	54.81	54.77	55.14	55.74	56.19	56.75	57.40	58	**58.05**	57.95	55.86
56.66	56	**55.96**	56.70	57.06	57.43	58.24	58.60	58.90	**59.15**	59.10	59.05	57.46
57.66	57.44	57.29	**57.27**	57.56	57.73	58.57	58.65	59.25	60.10	**60.50**	59.95	58.61
57.84	57.04	**57.02**	57.05	57.05	57.54	58.07	58.50	59.15	**59.55**	59.45	59.25	58.52
57.78	**57.13**	57.31	57.39	57.56	57.98	58.03	58.65	59.25	59.80	59.80	59.65	58.60
57.79	57.52	**57.03**	57.06	57.53	58.13	58.74	59.30	59.90	60.25	60.20	60.05	59.17
58.07	57.61	**57.49**	57.83	58.09	58.22	59.08	59.05	59.60	59.85	59.50	59.30	59.01
58.12	57.49	**57.19**	57.34	57.81	57.81	58.01	58.50	58.80	59.05	58.95	58.70	58.54
57.55	57.14	56.71	**56.61**	56.83	57.14	57.59	58.05	58.15	58.30	58.30	58.10	57.98
57.58	56.55	56.46	**56.39**	56.83	56.99	57.74	58.40	58.90	**59.20**	59.10	59	57.75
58.92	58.09	58.07	58.09	58.34	58.87	59.84	60.60	61.10	61.35	**61.40**	61.10	59.27
59.79	58.67	**58.37**	58.55	59.37	59.93	61.26	61.65	61.50	61.30	61.25	61.15	**60.39**
58.77	57.79	**57.43**	57.62	58.19	58.79	59.45	59.70	60	59.95	59.70	59.05	59.56
57	56.34	**56.07**	56.37	57.20	57.39	58.07	58.35	58.55	58.45	58.50	58.10	57.97
56.52	**56.25**	56.52	56.27	56.27	56.64	57.20	57.90	58.10	58.85	**58.90**	58.65	57.50
57.77	57.32	**57.12**	57.27	57.94	58.30	59.05	59.55	60.20	**60.50**	60.40	60.10	58.75
58.50	**57.82**	57.83	57.83	58.07	58.69	58.97	59.35	59.30	59.35	58.90	58.40	58.97
54.03	53.35	**53.27**	53.34	54.03	54.65	55.05	55.65	56.25	56.55	56.40	56.50	55.87
56.29	55.84	**55.71**	55.79	55.77	55.94	56.97	57.55	57.60	**57.90**	57.70	57.80	56.69
55.87	55.07	**54.92**	55.18	55.60	56.19	56.87	57.20	57.85	57.75	57.80	57.40	56.97
55.03	54.51	**53.97**	54.19	54.48	54.79	55.22	55.60	55.80	55.90	55.75	55.35	55.63
53.38	52.79	**52.54**	52.56	52.61	53.11	53.84	53.90	54.35	54.35	54.35	53.80	53.90
53.31	52.96	52.72	52.68	52.62	53.13	53.90	54.40	54.95	**55.15**	54.80	54.85	**53.52**
55.77	55.52	55.36	55.59	56.03	56.57	57.23	57.85	58	**58.45**	58.40	58.35	56.13
56.58	56.03	**55.88**	55.96	56.29	56.69	57.28	57.68	58.06	**58.32**	58.24	58	57.23

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
29.7	29.4	29.5	28.7	28.7	26.6	26.2	26.3	26.3	26	25.4	26	**27.3**
29.9	27.8	26.5	25.7	26.3	25.3	**24.8**	25.6	25.6	24.9	**24.8**	25.5	26.9
28.5	29.3	**29.4**	28.5	28.1	27.6	27.2	26.5	26.9	**24.9**	25.2	25.2	27
26.1	24.8	24.9	25	25	25	24.3	25	25.1	25.2	24.5	**24.2**	25.1
27.4	27.5	27.6	28.1	27.4	26.7	25.3	24.8	24.5	24.2	**23.9**	24.1	25.6
26.4	**28.2**	27	26.2	25.5	24.1	23.8	23.8	24.2	23.9	**23.4**	24.3	25
30.6	30.4	29.4	30.3	28.8	27.7	26.7	26.7	26.8	25.8	25.6	25.5	26.9
32.5	32.2	**32.6**	28.9	28.2	27.5	26.1	24.4	24.5	24.5	24.3	24.5	27
30.6	29.3	29.3	28.5	27.6	26.2	26.1	25.7	25.4	24.7	**23**	23.2	26.1
27.1	28.2	29	**29.7**	27.8	26.2	25.1	25	24.6	24.4	24.2	24.2	25.4
30.2	**30.7**	29.6	28.5	27.8	27	26.6	26.5	25.9	25.2	25	25	26.5
30.9	30.4	30.3	29.8	28.6	27.2	26.3	25.6	25.2	25	24	24.2	26.6
30.5	28.8	26.5	27.1	27.6	26.5	25.9	25.7	25.6	25.3	25	24.8	26.1
25.5	**26.9**	26.6	26.6	26.4	25.6	24.9	24.6	24.3	24.2	23.9	**23.7**	**24.8**
27.1	27.2	**27.5**	27.3	26.9	26.3	25.8	25.7	25.6	25.4	25.2	24.8	25.3
23.9	26.1	27.8	26.9	26.3	25.9	25.1	24.8	24.5	24.3	24.2	24.2	25.6
29.6	30.1	28.9	27.3	26.5	26.2	25	25.4	25.5	25.3	24.9	24.8	26.1
30.2	31	**31.4**	31.2	28.8	28.3	24.5	23.7	**23.6**	23.7	23.8	23.9	26.7
31	30.7	29.7	26.8	24.4	23.5	23.5	23.5	24	23.6	23.6	**23.4**	25.6
29.1	29.5	**30**	29.4	25.7	25.7	25.6	25.4	24.9	24.7	24.5	24.1	25.9
31.8	26.9	26.7	26.3	25.7	25.2	25.1	24.8	24.6	24.2	23.9	23.9	25.9
30.3	29.8	30.1	28.5	27.7	27.2	26.2	25.4	24.8	24.7	24.6	24.4	26.3
29.9	**31.8**	29.9	29.7	28.9	27.4	26.1	24.9	24.8	24.7	24.5	24.4	26.4
29.1	**29.4**	28.7	27.5	27	27.8	27.8	27.7	27.6	25.6	26.2	25.7	26.7
29.3	**30**	29	27.6	27.7	26.9	26.4	26.1	25.5	25.3	26.2	25.8	26.6
29.7	28.8	28.4	28.3	28.2	27.1	24.9	24.4	24.4	24.2	24.2	**24**	26.3
29.1	29.5	**30.1**	28.7	27.7	27.3	27.2	27.1	26.5	26.2	26.2	25.7	26.8
25.8	25.9	25.9	**24.8**	25.8	25.9	25.3	25	25	25.1	24.9	**24.8**	25.9
25.8	25	25.7	25.7	25.4	25.2	25	24.7	24.6	24.7	24.5	24.4	25.4
29.1	29.7	29.6	28.2	27.5	26.3	26.3	25.3	25.4	25.5	25.3	25.2	26.6
28.9	28.8	28.6	27.9	27.1	26.4	25.6	25.3	25.2	24.8	24.6	24.6	26.1

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	89.5	**94**	93	92	86	92	93	82	**72**	74	**72**	76
2	83	85	83	83	78	79	80	76	84	76	**68.5**	74
3	82	82	86	84	83	86	82.5	82	83	83	90	81
4	95	95	95	95	95	90	92	89	91	90	**84**	93
5	**97**	94	94	96	94	94	93	92	90	90	80	**77**
6	93	97	97	97	97	97	**98**	90	93.5	96	92	94
7	**97**	**97**	96	**97**	**97**	95	88	82	80	74	72	**69**
8	89	94	93	94	93	94	94	83	83	73	70	70
9	97	97	97	97	98	98	97	89	83	79	79	79
10	**99**	98	97	97	97	97	94	93	92	88	89	86
11	95	96	96	**97**	**97**	96	93	83	82	81	73	70
12	96	94	95	96	**97**	**97**	95	93	81	80	74	**70.5**
13	93	93	92	94	95	94	92	83	78	75	75	77
14	97	97	**98**	96	97	97	96	96	96	95	97	96
15	95	**97**	**97**	96	95	95	96	**97**	94	93	93	88
16	97	95	96	97	**99**	**99**	97	81	79	**77**	78	83
17	95	**97**	**97**	**97**	**97**	**97**	96	92	78	78	75	**67.5**
18	97	96	97	97	97	**98**	97	83	76	79	76	73
19	97	**98**	97	97	97	97	97	90	81	79	74	73
20	**97**	**97**	96	96	96	95	95	86	83	79	77	76
21	94	96	97	96	96	97	95	87	74	75	**73**	**73**
22	96	**97**	**97**	96	96	96	93	85	83	77	73	72
23	95	94	94	95	**97**	**97**	96	82	73	75	78	73
24	90	90	91	**94**	91	91	92	88	83	78	74	73
25	94	**97**	**97**	95	96	95	96	84	77.5	78	75	**68**
26	91	92	92	**95**	**95**	**95**	94	84	84	83	78	75
27	94	**97**	**97**	95	95	94	92.5	82	80	79	76	78
28	86	88	89	92	87	86	89	93	86	**83**	86	88
29	96	97	97.5	**99**	98	97.5	93	**84**	86	94	**84**	91
30	**97**	93	93	95	96	95	93	85	77	77	73	74
Mean	93.8	94.5	94.6	**94.9**	94.4	94.4	93.3	86.5	82.8	81.3	78.6	77.9

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22.6	21.8	21.4	22.5	22.2	22.8	23.1	22.2	23	23.2	23	23
2	21.7	21.7	20.9	21.7	**20.7**	21.3	22.2	22.4	21.3	22.9	22.3	23.9
3	21.3	21.3	21.7	**21**	**21**	21.1	21.2	22.4	22.3	22.2	**23.6**	23
4	21.9	21.7	21.6	21.6	21.7	22.1	22.2	22	22.7	22.8	**20.3**	22.2
5	21.8	21	21.2	21.4	21.1	21.2	22	22.1	21.8	22.8	**23.4**	21.1
6	22.2	22.3	22	21.7	21.7	21.7	22.7	22.4	23.2	22.5	**23.3**	22.9
7	20.8	20.5	20.4	20.4	**20.3**	20.4	21.5	22.2	23.4	23.4	22.6	22.3
8	21.4	21.6	21.5	21.3	21	21.1	22.4	22.3	22.2	21.6	23	23
9	21.7	21.3	21.1	20.8	20.6	20.6	21.3	22	23.6	24.5	24.1	24.2
10	20.8	20.8	**20.5**	**20.5**	20.7	20.6	21.3	21.7	21.9	22.9	23	22.2
11	20.9	20.8	20.9	20.9	20.4	**20.1**	20.4	21.5	21.6	23	**23.6**	22.8
12	22.3	21.2	21.1	20.9	21	21	21.6	22.4	22.7	23.5	23.4	23.1
13	20.4	20.4	20.4	20.3	**20.1**	**20.1**	21.1	21.2	21.3	21.7	23.1	22.3
14	22.3	22	22.4	21.4	21.7	21.7	22	21.9	21.7	21.6	22.3	22
15	20.6	21.3	21.2	20.7	**20.4**	20.5	20.8	21.2	21.5	22.3	22.9	22.3
16	22.2	21.8	21.7	21.5	21.7	21.6	21.5	21.5	22.2	21.6	22.8	**23.6**
17	20.9	20.9	20.7	20.6	20.4	**20.3**	21.2	22.9	21.9	21.9	22.3	22.8
18	22.3	22	22	21.9	21.8	21.6	22.8	22.3	22.1	23.3	23.2	23.2
19	21.3	21.3	21.3	21.2	21.2	21.2	22	21.3	22.2	22.5	21.9	22.7
20	20.3	20.3	20.4	20.4	20.2	**20.1**	21	22	21.5	21.4	**23.1**	22.5
21	21.3	21.5	21.2	20.6	20.2	**20**	21.3	22.3	22.2	22.7	22.9	24.9
22	21.4	21.3	21.2	20.8	20.6	20.6	20.8	21.7	21.4	21.9	**22.7**	22.1
23	20.9	20.6	20.7	20.5	20.4	20.3	21.2	21.3	21	22	**22.9**	22.1
24	20.7	20.7	20.8	20.8	**20.6**	20.8	21.8	21.9	21.8	22.3	22	21.9
25	21.9	21.3	**20.6**	21	21.1	20.8	21.9	**22.8**	22.4	22.7	22.7	21.3
26	21.9	21.5	21.3	22.1	22.1	21.9	22	21.8	22.6	22.8	23.4	**23.7**
27	20.6	**20.5**	**20.5**	20.8	20.8	20.8	22	22.2	23.7	23.9	23	24.3
28	22	22.3	21.8	21.3	**21.2**	21.5	22.5	22.3	21.9	23.9	24.3	**24.9**
29	22.5	22.5	22.6	21.9	**21.4**	22.6	22.6	23.2	23.7	**24.9**	23.5	22.3
30	21.8	21.4	21.4	21.1	21.1	**20.9**	22.4	22.5	22.3	22.3	**22.9**	22.3
Mean	21.5	21.3	21.2	21.1	**21**	**21**	21.8	22.1	22.2	22.7	**22.9**	22.8

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
76	75	75	77	78	84	82	80	81	83	87	83	**82.4**
77	82	86	**93**	90	92	90	86	88	92	89	88	83.4
80	76	**73**	77.5	79	81	83	82.5	85	**93**	92	92	83.3
94	96	96	96	94	94	**98**	96	93	94	**98**	97	**93.8**
78	78	79	**77**	78	83	87	89	92	94	95	95	88.2
90	82	85	**81**	88	91	91	91	93	92	95	92	92.2
72	71	74.5	72	75.5	79	85	85	83	85	86	88	83.3
62	65	**62**	80	79.5	84	85	91	91.5	95	**96**	**96**	84
78	79	80	**76**	81	90	89	91	92	95	97	**99**	89
81	76	74	**72**	83	90	94	93	96	96	97	97	90.7
68	**68**	72	80	83	86	86	90	93.5	92	94	94	86.1
72	74	73	74	84	89	93	89	89	86	92	92	86.5
73	83	90	90	88	94	95	94	**96**	94	95	95	88.7
91	86	86	**84**	**84**	88	92	92	93	92	94	96	93.2
84	**83.5**	84	84	85	89	91	91	92	92	93	96	91.7
93	91	84	81	86	88	90	91	92	93	93	92	89.7
72	75	77	82	84	86	93	93	91	94	96	**97**	87.8
73.5	70	**66**	67	77	80	91	91	93	96	97	97	86
69	71	75	86	92	94	94	96	96	97	97	97	89.2
75	75	**73**	**73**	93	93	93	95	96	94	94	96	88.5
73	92	90	90	95	**98**	97	**98**	97	97	97	97	90.6
69	**69**	**69**	75	76	80	82	88	88	89	90	91	84.5
69	**63**	69	70	73	81	81	86	87	87	88	89	83
71	73	75	81	84	78	82	84	85	91	91	**94**	84.3
72	70	73	78	78	80	85	85	89	90	85	88	84.4
74	78	79	77	79.5	87	92	**95**	**95**	94	**95**	94	87.4
81	81	**75**	80	84	83	83	83	86	91	88	92	86.1
88	91	89	93	93	92	93	94	94	94	**95**	**95**	90.2
90	92	90	93	94	94	95	95	95	95	96	96	93.4
73	**70**	74	77	78	84	83	88	91	88	88	88	84.6
77.3	77.8	78.2	80.6	83.9	87.1	89.2	90.1	91.1	92.2	93	93.4	87.5

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
23.5	22.9	22.8	22.5	22.7	21.8	20.6	**20.4**	20.5	20.5	20.9	20.7	22.1
24.3	22.8	22.2	22.7	22.9	21.9	20.9	21	21.4	21.4	**20.7**	21.3	21.9
23.2	23.1	22.2	22.4	22.4	22.3	22.2	21.2	22.4	21.8	21.8	21.8	22
23.4	22.3	22.4	22.5	22.1	22.1	22.2	22.5	22.1	22.4	22.4	21.8	22.1
21.3	21.2	21.5	21.6	21	21.5	20.8	**20.7**	21.1	21.1	20.9	21.1	21.4
22.9	23.2	22.5	20.4	21.4	20.4	**20**	**20**	20.9	20.3	20.3	20.9	21.7
23.6	22.8	22.6	23.2	22.2	21.6	22.1	22.1	21.6	21.1	21	21.3	21.8
22.7	23.3	22.8	**23.6**	22.5	22.8	21.3	**20.6**	20.9	21.7	21.6	21.9	22
25.3	24	24.2	22	22.3	22.8	22.5	22.3	22.1	21.9	**20.3**	20.9	22.4
21.5	21.6	22	22.3	**23.1**	22.8	22.3	22	22	21.7	21.8	21.8	21.7
21.7	22.2	22.1	23	23.1	22.7	22.3	23.2	23.2	21.8	22.1	22.1	21.9
23.8	24	23.3	23.1	**24.4**	23.8	23.6	21.8	21.2	**20.2**	20.4	20.7	22.3
23.6	**24.3**	23	23.9	24.2	24	23.6	23.1	23.3	22.6	22.4	22.1	22.2
22	**22.8**	22.3	21.8	21.5	21.6	21.4	21.2	21	**20.7**	**20.7**	20.8	21.7
22.4	22.4	**23**	22.7	22.4	22.5	22.4	22.3	22.4	22.1	22.2	22.3	21.9
20.5	22.9	23.5	21.3	21.9	21.8	21.3	21.1	21.1	21	20.9	20.7	21.7
22.3	**23.7**	22.8	22.1	21.6	21.8	22	22.5	22	22.6	22.4	22.5	21.9
23.4	23.3	22.5	22.6	22.6	22.7	20.7	**19.9**	20.1	20.8	21.3	21.3	22.1
23.2	**23.3**	23.1	22.6	21	**20.2**	**20.2**	20.6	21.2	21.1	21.1	20.6	21.6
22.4	23	**23.1**	22.2	22.7	22.9	22.8	22.9	22.4	21.8	21.5	21.4	21.8
25.5	24.2	23.3	22.9	23.3	23.2	22.9	22.9	22.2	21.7	21.3	21.3	22.3
22.1	21.6	21.8	21.8	21.1	21.4	20.8	21.1	**20.5**	20.6	20.7	20.8	21.3
21.5	22	21.7	21.6	21.5	22.1	20.3	**20.1**	20.2	20.2	**20.1**	20.2	**21.1**
21.4	22.2	22.1	22	22.3	21.6	22.8	23.1	**23.3**	22.1	23	23.1	21.9
21.7	22.1	21.6	21.3	21.5	21.2	21.7	21.4	21.7	21.5	21.6	21.9	21.7
22.9	23	22.7	21.9	22.5	23.2	21.6	21.6	21.6	21.1	21.3	**20.8**	22.1
24.3	**25**	23.7	23.3	23.3	22.3	22.2	22.3	22	23	22.2	22.5	**22.5**
21.6	22.6	22.2	21.7	22.8	22.8	22.2	22.1	22.1	22.3	22.2	22.1	22.4
22.3	21.6	22.1	22.9	22.7	22.4	22.4	21.9	21.8	21.9	21.9	21.7	**22.5**
21.8	21.6	22.8	22	21.2	21.3	21.2	21	21.9	21.3	21.2	21.1	21.7
22.7	22.8	22.6	22.3	22.3	22.2	21.8	21.6	21.7	21.5	21.4	21.4	21.9

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Ci.-S.	--------	Ci.-S.	--------	A.-Cu.	NE	A.-Cu.	NNE	Ci.-S.	--------	Ci.-S.	--------
2	A.-Cu.	--------	Ci.-S.	--------	--------	--------	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------
3	--------	--------	--------	--------	--------	--------	Ci.-S.	--------	--------	--------	--------	--------
4	--------	--------	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------	--------	--------	--------	--------
5	--------	--------	--------	--------	--------	--------	Ci.-S.	--------	Ci.-S.	--------	Ci.-Cu.	NW
6	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
7	A.-Cu.	--------	A.-Cu.	SSW	Ci.	--------	A.-Cu.	SSW	A.-Cu.	SWbyS	Ci.-Cu.	--------
8	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------	Ci.	--------	Ci.	--------
9	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------
10	Ci.-S.	--------	Ci.	--------	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------	--------	--------
11	Ci.-S.	NNE	Ci.-S.	NNE	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------
12	A.-Cu.	ENE	A.-Cu.	ENE	Ci.-S.	--------	Ci.-S.	ENE	Ci.-S.	--------	Ci.-S.	--------
13	Ci.-S.	--------	A.-Cu.	EbyS	Ci.-Cu.	--------	A.-Cu.	--------	Ci.	--------	--------	--------
14	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
15	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
16	A.-Cu.	E	Ci.-S.	--------	A.-Cu.	E	Ci.-S.	--------	Ci.-S.	--------	Ci.	--------
17	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------	--------	--------	Ci.-S.	--------
18	Ci.-S.	ENE	Ci.-S.	ENE	Ci.-S.	--------	Ci.	--------	Ci.	--------	A.-Cu.	--------
19	Ci.-S.	--------	Ci.-S.	ESE	Ci.-S.	--------	Ci.-S.	--------	Ci.	--------	A.-Cu.	E
20	Ci.-S.	--------	Ci.-S.	--------	A.-Cu.	--------	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------
21	Ci.-S.	--------	Ci.	--------	Ci.	--------	A.-Cu.	--------	--------	--------	Ci.-S.	--------
22	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------	A.-Cu.	S	A.-Cu.	S
23	Ci.	ESE	Ci.	--------	Ci.	EbyS	Ci.	--------	Ci.	--------	Ci.	--------
24	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------
25	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------	Ci.	--------	Ci.	--------
26	Ci.-S.	NE	A.-Cu.	NE	A.-Cu.	NE	A.-Cu.	--------	A.-Cu.	--------	A.-Cu.	--------
27	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	--------	Ci.-S.	NE	Ci.-S.	--------	Ci.	--------
28	A.-Cu.	--------	Ci.-S.	--------	A.-Cu.	--------	A.-Cu.	--------	Ci.-S.	--------	--------	--------
29	A.-Cu.	S	Ci.	NE	A.-Cu.	--------	Ci.-S.	--------	--------	--------	Ci.-S.	--------
30	A.-Cu.	--------	A.-Cu.	--------	A.-Cu.	--------	Ci.-S.	--------	Ci.-S.	--------	A.-Cu.	--------

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.-N.	--------	Cu.	WSW	Cu.	--------	Cu.	--------	Cu.	--------	Cu.	--------
2	Cu.-N.	WSW	Cu.	WSW	N.	--------	Cu.	WSW	Cu.	--------	Cu.-N.	WbyS
3	N.	WSW	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	--------	Cu.-N.	--------
4	N.	WSW	Cu.-N.	WSW	N.	--------	N.	--------	N.	WSW	N.	--------
5	Cu.-N.	--------	N.	--------	Cu.-N.	SWbyW	Cu.-N.	--------	Cu.-N.	--------	Cu.-N.	--------
6	Fr.-N.	WSW	Cu.-N.	WSW	N.	--------	N.	--------	Cu.-N.	WSW	N.	--------
7	S.-Cu.	--------	Cu.	--------	Cu.	--------	Cu.	--------	Cu.	--------	Cu.	--------
8	Cu.	--------	Cu.	--------	Cu.	SE	Cu.	--------	Cu.	--------	Cu.	--------
9	Cu.-N.	--------	S.-Cu.	SE	Cu.	SE	Cu.	--------	Cu.	SE	Cu.	--------
10	S.-Cu.	--------	S.-Cu.	--------	S.-Cu.	SSE	Cu.-N.	--------	Cu.-N.	--------	N.	--------
11	S.-Cu.	--------	Cu.	--------	Cu.	--------	Cu.	--------	Cu.	--------	Cu.	--------
12	Cu.	--------	Cu.	--------	Cu.	--------	Cu.	--------	Cu.	--------	Cu.	--------
13	S.-Cu.	SE	S.-Cu.	SE	Cu.	--------	Cu.	--------	Cu.	--------	N.-cf.	--------
14	Cu.-N.	--------	Cu.-N.	NE	N.	--------	N.	--------	N.	--------	N.	--------
15	N.	--------	N.	--------	N.	--------	N.	--------	N.	--------	Cu.-N.	--------
16	Cu.	--------	Cu.	SE	Cu.	SE	Cu.	--------	Cu.-N.	ESE	Cu.	--------
17	S.-Cu.	--------	S.-Cu.	--------	Cu.-N.	SE	Cu.-N.	--------	Cu.-N.	--------	Cu.-N.	--------
18	Cu.	--------	Cu.	SSE	Cu.	SEbyS	Cu.	--------	Cu.	--------	Cu.	--------
19	S.-Cu.	NNE	S.-Cu.	--------	S.-Cu.	NNE	Cu.	--------	Cu.	--------	Cu.	--------
20	S.-Cu.	--------	S.-Cu.	SEbyE	S.-Cu.	SEbyE	N.-cf.	--------	Cu.-N.	--------	N.-cf.	--------
21	S.-Cu.	--------	S.-Cu.	E	S.-Cu.	E	Cu.	E	Cu.-N.	--------	Cu.-N.	--------
22	Fr.-N.	SE	S.-Cu.	--------	Fr.-N.	SSE	Cu.	SSE	Cu.	--------	Cu.	--------
23	Cu.	--------	Cu.	--------	Cu.	--------	Cu.	--------	Cu.	--------	Cu.	--------
24	S.-Cu.	ENE	S.-Cu.	NbyE	N.-cf.	--------	Cu.	NbyW	Cu.	--------	Cu.-N.	--------
25	Cu.	--------	Cu.	--------	Cu.	--------	Cu.	WSW	Cu.	WSW	Cu.	--------
26	S.-Cu.	--------	S.-Cu.	--------	S.-Cu.	--------	S.-Cu.	--------	Cu.	SW	N.-cf.	SW
27	S.-Cu.	W	Cu.	W	Cu.	--------	Cu.	--------	Cu.	--------	Cu.	--------
28	Cu.-N.	SWbyW	Cu.-N.	--------	Cu.-N.	--------	Cu.-N.	--------	Cu.-N.	--------	Cu.-N.	--------
29	Cu.-N.	--------	Cu.-N.	--------	Cu.-N.	SW	Cu.-N.	SW	Cu.-N.	--------	Cu.-N.	--------
30	S.-Cu.	SSW	S.-Cu.	--------	Fr.-Cu.	SWbyS	Fr.-Cu.	SWbyS	Cu.-N.	--------	Cu.-N.	--------

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.				A.-Cu.	NNW	A.-Cu.		Ci.-S.		Ci.-S.	
										Ci.-S.	
						Ci.-S.		Ci.-S.		Ci.-S.	
						Ci.-S.					
A.-Cu.	WSW	A.-Cu.	WSW	A.-Cu.	WSW	A.-Cu.	WSW	A.-Cu.		Ci.-S.	
Ci.-S.		A.-Cu.	SW	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.		A.-Cu.		Ci.	
		Ci.-S.		Ci.-S.		A.-Cu.		Ci.-S.			
Ci.-S.	NNW	A.-Cu.	WNW	A.-Cu.		A.-Cu.		Ci.-S.		Ci.-S.	
Ci.-S.		A.-Cu.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.				Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		A.-Cu.	ESE	Ci.-S.		Ci.-S.			
		A.-Cu.									
Ci.-S.		Ci.-S.	E	Ci.-S.		Ci.-S.		Ci.-S.			
A.-Cu.	ESE	Ci.	ENE	Ci.		Ci.-S.					
Ci.-Cu.		Ci.-S.									
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		A.-Cu.		Ci.-S.	
A.-Cu.											
A.-Cu.	S	Ci.-S.		A.-Cu.		Ci.-S.		A.-Cu.			
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.											
Ci.		Ci.	NE	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
A.-Cu.	NNE	A.-Cu.	NNE	Ci.-S.							
A.-Cu.		Ci.-S.		A.-Cu.	NW	A.-Cu.	NW	Ci.-S.			
A.-Cu.	SEbyE	Ci.-Cu.		A.-Cu.		A.-Cu.					

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.		Cu.	SW	Cu.-N.	SW	Cu.-N.	SW	Cu.	SW	M.-Cu.	
Cu.-N.	WbyS	Cu.-N.	WbyS	N.		N.		N.		N.	
Cu.-N.	WSW	Cu.-N.	WSW	Cu.		Cu.		Cu.-N.	WbyS	Cu.-N.	
N.		N.		N.		N.		Cu.-N.	W	Cu.-N.	
Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.		Cu.-N.	
N.	WSW	Cu.-N.	WSW	Cu.-N.		N.		N.		N.	
Cu.	SSW	Cu.	SSW	Cu.	SSW	Cu.	SSW	Cu.		Cu.-N.	
Cu.	SE	Cu.	SE	Cu.	SE	Cu.-N.	SE	Cu.-N.		Cu.-N.	
Cu.	ENE	Cu.-N.	E	Cu.-N.		Cu.	E	Cu.		S.-Cu.	
Cu.-N.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.-N.		S.-Cu.		S.-Cu.		S.-Cu.		S.-Cu.	
Cu.	E	N.-cf.	E	N.-cf.	NE	Cu.-N.		Cu.-N.		Cu.-N.	
Cu.	SE	Cu.-N.	ESE	Cu.-N.		S.-Cu.		S.-Cu.		Cu.	
N.	NNE	Cu.-N.	N	Cu.-N.	N	Cu.-N.		Cu.-N.		Cu.-N.	
Cu.-N.		S.-Cu.	SE	S.-Cu.		Cu.-N		Cu.-N.		Cu.-N.	
N.	SE	Cu.-N.		Cu.-N.		N.		Cu.-N.	E	Cu.-N.	E
Cu.-N.		Cu.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.		Cu.		Cu.	N	Cu.-N.		Cu.-N.	
Cu.		Cu.-N.	N	Cu.-N.	N	Cu.-N.	N	Fr.-N.		N.	
N.-cf.	E	Cu.-N.	SE	Fr.-Cu.	SE	N.		Fr.-N.		Cu.-N.	
Cu.-N.		Cu.-N.	S	N.		N.		N.	SE	Fr.-N.	
Cu.		Cu.-N.		Cu.-N.	SW	Cu.-N.	SW	Cu.-N.		Cu.-N.	
Cu.-N.		Cu.-N.		Cu.-N.	E	Cu.-N.	E	Cu.-N.		N.	
Cu.-N.	WNW	Cu.-N.	WbyN	Cu.-N.	W	Cu.-N.	W	Cu.-N.		Fr.-N.	
Cu.-N.		Cu.-N.		Cu.-N.		S.-Cu.		S.-Cu.	W	S.-Cu.	
Cu.		Cu.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	
N.-cf.	W	Cu.	W	Cu.		N.-cf.		Cu.-N.		Cu.-N.	
Fr.-N.	WSW	Fr.-N.	WSW	Fr.-N.		Fr.-N.		Fr.-N.		Fr.-N.	
Cu.-N.	SW	Cu.-N.		Cu.-N.		Cu.-N.	SSW	Cu.-N.	SSW	Cu.-N.	
Cu.-N.	SW	N.	SW	N.	SW	N.	SW	N.		N.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	SSW	0.5	SSE	1	SSW	4.5	S	1	SW	3	Calm	--------
2	WSW	5	SW	2	SSW	3.5	WSW	7	SWbyW	6	SW	2.5
3	SW	8.5	SW	8.5	WSW	8.5	WSW	8	WSW	8	WbyS	9
4	S	.5	SSE	1	Calm	--------	Calm	--------	Calm	--------	W	3
5	ESE	.5	WSW	9	SW	7	SSW	5.5	SSW	2.5	S	.5
6	SSW	1.5	SE	1	Calm	--------	ESE	.5	ESE	1	Calm	--------
7	SE	.5	ESE	.5	SE	3	SSE	1	SSE	1	SEbyS	1.5
8	W	.5	Calm	--------	Calm	--------	ESE	.5	Calm	--------	Calm	--------
9	NNE	.5	NNE	.5	NNE	1	NNE	1	ENE	.5	Calm	--------
10	NNW	3	NNW	4	NNW	2	Calm	--------	NNE	1.5	NNE	1.5
11	NE	2.5	NE	1	NNE	1.5	NNE	1.5	NNE	2	NNE	1.5
12	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	ENE	--------
13	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
14	Calm	--------	Calm	--------	ENE	1.5	NNE	1	Calm	--------	Calm	--------
15	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NNE	.5	Calm	--------
16	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
17	NNE	1	Calm	--------	NNE	.5	N	1	N	.5	Calm	--------
18	E	.5	E	.5	E	.5	Calm	--------	Calm	--------	Calm	--------
19	ESE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
20	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
21	Calm	--------	Calm	--------	NNE	.5	NNE	1.5	Calm	--------	Calm	--------
22	ESE	.5	ESE	.5	Calm	--------	ESE	1	ESE	1	Calm	--------
23	Calm	--------	ENE	.5	ENE	.5	ENE	1	NNE	1	Calm	--------
24	NNW	3	NNW	3.5	NNE	2	NNW	.5	NNW	2	NNW	1.5
25	NE	7	E	1	ESE	2	NNE	1	E	1	ESE	.5
26	Calm	--------	Calm	--------	Calm	--------	NNE	1	ENE	1	NNE	.5
27	NNE	1.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
28	WSW	7	SSW	5	SSW	6.5	SW	7.5	SW	3	SSW	5.5
29	SW	5	S	5.5	S	1.5	SE	1	SE	1	SSE	.5
30	'SSE	1	S	6	S	4	SSE	1.5	Calm	--------	SE	1.5
Mean	------------	1.7	------------	1.7	------------	1.7	------------	1.5	------------	1.2	------------	1

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	WSW	7	WSW	7.5	WSW	6.5	WSW	8.5	WSW	5	SW	8
2	SW	1	W	0	WSW	10.5	WSW	6.5	WbyN	2.5	WbyN	2.5
3	WSW	8	SW	7.5	SWbyW	5.5	SWbyW	3.5	SW	5	SW	5
4	Calm	--------	SW	2.5	Calm	--------	SSW	1	SSW	3.5	S	1
5	WSW	2.5	SW	4	WSW	3	SWbyW	6.5	SW	4	SSW	.5
6	SWbyW	2.5	WSW	6.5	SW	3	W	5.5	WSW	4	WSW	10.5
7	WSW	3.5	WSW	6.5	WSW	6.5	WSW	6.5	WSW	7	SW	9.5
8	S	1.5	S	1	ESE	3	ESE	2	NNW	2	Calm	--------
9	WNW	.5	NNW	2.5	Calm	--------	Calm	--------	S	1.5	Calm	--------
10	ESE	1	SE	2	Calm	--------	Calm	--------	Calm	--------	Calm	--------
11	SE	2	ESE	1.5	SbyE	1.5	SSE	1.5	SE	1.5	SSE	1
12	WbyS	5	WSW	.5	NNW	2	NW	1.5	Calm	--------	Calm	--------
13	W	2.5	NNW	6	ESE	.5	Calm	--------	Calm	--------	Calm	--------
14	Calm	--------	NW	2	NNW	3	N	2.5	NNE	1	NNE	1
15	NNE	2.5	Calm	--------	Calm	--------	WNW	1.5	WNW	2	Calm	--------
16	ESE	1	Calm	--------	N	1	Calm	--------	Calm	--------	Calm	--------
17	W	1	W	3	WSW	1	Calm	--------	SSW	2.5	SSW	2
18	W	3	WSW	1.5	WSW	1.5	SSW	2.5	WSW	1	SW	3
19	WSW	1.5	W	4.5	W	4	W	9	NW	3	NE	2
20	NW	3.5	N	3	N	1.5	N	1.5	NNE	1	Calm	--------
21	NNE	2	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
22	ESE	1.5	SE	4	SE	2.5	SE	1.5	SSE	2.5	SW	2
23	NW	3	NW	3	NW	1.5	WbyN	3	WSW	1	Calm	--------
24	W	5.5	W	5.5	WbyS	11	WbyS	12	WbyS	10	WSW	9
25	W	5	W	4	SW	1.5	Calm	--------	SWbyS	2	SW	3.5
26	WSW	2.5	WSW	2.5	WSW	2	SW	1.5	SW	3.5	NNW	3
27	SW	6.5	SWbyW	10	WbyS	6.5	SW	6	SWbyW	3.5	WNW	3.5
28	SWbyW	7	SW	6	WSW	6.5	W	3.5	SWbyW	8	SW	3.5
29	SWbyW	5	S	3.5	S	1	SSE	1.5	SE	2	SSE	2
30	SbyW	6	SWbyS	5	SWbyS	5	SbyW	6.5	S	3.5	SSW	5
Mean	------------	3.1	------------	3.8	------------	3	------------	3.2	------------	2.8	------------	2.6

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	----------	SSW	2.5	SSW	1	SW	1	WSW	3.5	WSW	8.5
SSW	3	SSW	2	WSW	10	WSW	3.5	WSW	5.5	WSW	9.5
WSW	8	WNW	3.5	SSW	3.5	SSW	3.5	SSW	8.5	WSW	10.5
WSW	3	S	2	SE	.5	Calm	----------	SW	6	WSW	1.5
SW	3	SW	7.5	SSW	3.5	SSW	2	SSW	6.5	SSW	7
Calm	----------	W	3.5	Calm	----------	NW	1.5	Calm	----------	WbyS	3.5
SEbyS	1	Calm	----------	SW	1.5	SW	3	SWbyW	5.5	WSW	4.5
Calm	----------	Calm	----------	Calm	----------	Calm	----------	SSW	1.5	SSW	1
Calm	----------	Calm	----------	Calm	----------	Calm	----------	SW	1.5	WSW	2.5
Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------
Calm	----------	Calm	----------	Calm	----------	SE	.5	SE	.5	ESE	3.5
Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------
Calm	----------	Calm	----------	Calm	----------	WSW	1.5	W	1	WNW	3
Calm	----------	Calm	----------	ESE	.5	Calm	----------	Calm	----------	Calm	----------
Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------
Calm	----------	Calm	----------	ENE	.5	Calm	----------	WSW	4	WNW	2.5
Calm	----------	Calm	----------	Calm	----------	SSE	1.5	Calm	----------	WSW	2
Calm	----------	E	.5	Calm	----------	WNW	2	WNW	2.5	W	1.5
Calm	----------	NE	.5	Calm	----------	WNW	3	WNW	2.5	WNW	3.5
Calm	----------	NE	2	NE	.5	Calm	----------	NNW	.5	NW	2
NE	1	Calm	----------	Calm	----------	NW	2	NNW	1.5	NNW	3
E	1.5	ESE	1.5	ESE	2	ESE	2.5	ESE	4	SEbyE	5.5
ENE	.5	Calm	----------	SSW	1.5	WNW	3.5	WNW	3	WNW	2.5
NNW	1.5	NNW	2.5	W	1.5	SSW	2	WSW	7	W	2
Calm	----------	Calm	----------	Calm	----------	WSW	2	WSW	1.5	W	1.5
NNE	1	NNE	2	NNE	1.5	Calm	----------	WNW	2	WbyS	4.5
Calm	----------	Calm	----------	SSE	1	WSW	5.5	WSW	4.5	SWbyW	6
SSW	3	SSW	7	SSW	4	S	3.5	SWbyS	7	SWbyW	11.5
SE	2	SSE	2	SSE	2	SSE	3	S	3.5	Calm	----------
ESE	1.5	Calm	----------	SSE	1	SSE	1.5	SSE	4.5	SSW	6.5
----------	1	----------	1.3	----------	1.2	----------	1.6	----------	2.9	----------	3.6

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		12 m. n.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
SW	4.5	SW	5	SW	3	SW	1	SSW	0.5	WSW	4	3.6
SW	2	SSW	5	SSW	2.5	E	1.5	SSW	.5	SW	2	4.4
SW	4.5	SW	3	SW	4	SWbyW	8.5	SSW	2	SSW	3.5	6.2
Calm	----------	WSW	7	WSW	5	WSW	3	ESE	1	Calm	----------	1.7
SSW	3.5	SbyW	9	SSE	3	SSE	.5	ESE	.5	Calm	----------	3.8
SSW	3	SSW	3	WSW	3.5	WSW	8	SWbyW	6	SSW	5	3
WSW	5	WSW	3.5	WSW	4.5	WSW	7	W	4	WSW	3	3.7
SE	2.5	NNE	.5	Calm	----------	Calm	----------	Calm	----------	Calm	----------	.7
Calm	----------	Calm	----------	Calm	----------	N	4	WNW	3.5	WNW	1.5	.9
Calm	----------	ENE	1	NNE	.5	NNE	1.5	NNE	1	NNE	2	.9
SSE	1	Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	1
Calm	----------	ESE	.5	ESE	1	Calm	----------	Calm	----------	Calm	----------	.5
Calm	----------	Calm	----------	SSE	1	Calm	----------	SSE	1	Calm	----------	.7
Calm	----------	NNE	.5	NNE	.5	NNE	.5	NNE	.5	NNE	.5	.6
Calm	----------	Calm	----------	Calm	----------	Calm	----------	ENE	.5	Calm	----------	.8
Calm	----------	SE	.5	Calm	----------	Calm	----------	N	.5	NNE	1	.5
Calm	----------	SW	3.5	SSW	1.5	Calm	----------	ENE	1.5	E	.5	1
ENE	2.5	ENE	2	ENE	1.5	NNE	1	WNW	.5	Calm	----------	1.2
ENE	1	Calm	----------	NE	1.5	NE	1	NE	.5	ENE	.5	1.6
Calm	----------	NNE	1	Calm	----------	NNE	.5	Calm	----------	Calm	----------	.7
Calm	----------	Calm	----------	SE	.5	ESE	1.5	Calm	----------	Calm	----------	.6
WSW	1.5	ESE	.5	NNE	.5	Calm	----------	ENE	1	Calm	----------	1.6
NW	2	NNE	2.5	NNE	1.5	NNW	2	N	2	NNW	2.5	1.6
WSW	9	SWbyW	7.5	SWbyW	6.5	WSW	8	W by S	4.5	NE	2	5
SW	2	Calm	----------	Calm	----------	SSW	.5	SW	.5	WSW	.5	1.5
N	2.5	NE	2.5	NNE	2	Calm	----------	Calm	----------	NNE	1.5	1.5
W	4.5	SW	4.5	SW	5.5	SW	5.5	SW	6.5	SW	6	3.6
SbyW	4	S	4	S	5.5	SbyW	6	SW	6.5	WSW	8	5.8
SE	1.5	SE	1.5	SSE	2	SE	3	ESE	1	ESE	.5	2.1
S	1	SSE	2	SE	.5	S	2.5	SSE	2.5	Calm	----------	2.9
----------	1.9	----------	2.3	----------	1.9	----------	2.2	----------	1.6	----------	1.5	2.1

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	6	2	5	8.5	7.5	6.5	2.5	5	9.5	8.5	25	**33**
2	19	13	7	25	28	**29**	12	10	18	25	26	25
3	27.5	24	30	**40**	35	35	36	21	13	14	26	32
4	4	3	5	2	0	8	24	15	6.5	3.5	15	15
5	1.5	30	34	23	9	11	12	**38**	22	11	20	29
6	4.5	5.5	2	2	3.5	.5	3	8	14.5	7.5	4	7
7	8	3.5	5.5	8	5	6.5	3.5	8	7	18	22	20
8	4.5	1.5	2	2	3	.5	1.5	3	4	3	5	6
9	1	4	2	4	4	2	0	1	1	5	4.5	9
10	7	11	**12**	4	2.5	6.5	5	3	3.5	3.5	7.5	3.5
11	6	2	2.5	3	2	9	3.5	0	3.5	3.5	6	11
12	1.5	1	.5	0	1	2.5	2.5	3	2	2	4	4
13	.5	.5	2	1	1.5	1.5	1	1	3	7	11	**14**
14	.5	0	4	5.5	3	1	1	1	2	3	4	2.5
15	1.5	1	1	3	2	2.5	2.5	1	.5	2.5	2.5	5
16	0	1.5	.5	2.5	1.5	2	.5	1.5	3.5	2.5	8	12
17	6.5	.5	2.5	6	7	2	2	.5	2.5	6	5.5	6.5
18	2	2	1	.5	0	1	1.5	2	3	7	13	10
19	2	3	.5	0	.5	1	0	2	3	6	12.5	16.5
20	1	.5	0	4.5	2	.5	4	7.5	5.5	1.5	5	9.5
21	1	1	2	3	2.5	.5	3	4	3.5	8.5	11	**19**
22	5	3	4.5	3.5	6	5.5	5.5	8	12.5	11.5	**17**	15
23	1	1	3.5	5.5	2	3.5	4.5	4.5	3.5	10	**16**	15
24	9	10	11	5	7	6	5	8	4	5	15	13.5
25	13	4.5	4.5	2.5	5	3.5	1.5	2.5	6	5.5	8	9.5
26	2	4.5	3.5	5	3.5	4.5	5	8	7	7.5	10	13
27	4	2	1	2	2	1	.5	2	3.5	7	25	27
28	33	23	15	20	25	22	12	18	18	14	29.5	**37.5**
29	**30**	12	7	5	7	8.5	6.5	10.5	11.5	13	13	11
30	5	14	12.5	9	4.5	4.5	5	6	6.5	6	18.5	21.5
Mean	6.9	6.2	6.1	6.8	6.1	6.3	**5.6**	6.8	6.8	7.6	13	15.1

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	10	9	10	9	9	9	9	9	9	10	10	10	9.4	1	50
2	9	8	10	6	8	8	10	10	10	10	10	10	9.1	3	40
3	10	10	10	10	10	10	10	10	10	9	9	10	9.8	0	30
4	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0	00
5	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0	20
6	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
7	6	6	8	8	7	4	7	7	7	7	9	10	7.2	**8**	**50**
8	10	9	8	8	7	6	6	8	8	10	10	10	8.3	5	10
9	10	10	9	8	8	8	8	9	10	9	9	7	8.8	4	50
10	10	8	10	10	10	10	10	10	9	8	8	5	9	**0**	**00**
11	8	8	7	9	9	9	9	9	10	10	10	10	9	0	45
12	8	8	8	7	8	9	9	8	9	9	9	10	8.5	0	00
13	8	8	6	8	8	8	7	10	10	10	10	10	8.6	3	55
14	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
15	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
16	9	8	6	8	9	8	10	10	10	10	10	10	9	2	05
17	10	10	8	9	9	10	9	8	9	10	10	10	9.3	2	00
18	7	5	6	6	7	8	7	7	6	8	10	10	7.2	7	55
19	10	10	9	8	7	8	8	8	9	10	10	10	8.9	5	40
20	9	9	8	9	9	9	8	9	8	9	9	10	8.8	4	10
21	9	7	7	9	9	9	9	10	10	10	10	10	9.1	3	55
22	10	10	10	10	8	7	8	9	9	9	9	10	9.1	1	50
23	3	2	4	5	4	4	6	7	9	9	9	10	**6**	6	25
24	10	10	10	9	10	10	10	10	10	10	10	10	9.9	**0**	**00**
25	7	5	4	5	5	6	5	6	7	8	5	10	6.1	7	35
26	10	10	10	9	9	7	4	7	8	8	10	10	8.5	3	00
27	10	9	8	8	8	8	9	8	7	10	10	10	8.8	3	25
28	9	10	10	10	10	10	10	10	10	10	10	10	9.9	0	55
29	8	7	8	9	10	10	10	10	10	10	10	10	9.3	2	15
30	10	10	8	9	10	9	9	9	9	6	10	10	9.1	5	40
Total														86	40
Mean	9	8.5	**8.4**	8.5	8.6	8.5	8.6	8.9	9.1	9.3	9.5	**9.7**	8.9	2	53

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-Mdt.	Mean.
32	28	25	31	21	31	20	19	12	5.5	2.5	6	14.7
18	26	**29**	26.5	19.5	16	23.5	18.5	10	4	2	7.5	18.2
33	32	21.5	24.5	22	17.5	17.5	15.5	19.5	20	22	8	**24.4**
5	17.5	2.5	12	13	10	2.5	14.5	**26**	13.5	5.5	1.5	9.4
31	22	24	30	29	15	17	21	10.5	2.5	2	2	18.6
15	19	21	20	20	19	18	9.5	8.5	31	**34**	20	12.4
20	25	28	31	26	**34**	23	14	18	22	22	13	16.3
8	7.5	9.5	**10.5**	4.5	3	9	5	3.5	2	1.5	4	4.3
12	15	8	5	9	6	4	0	2	8	**19**	6	5.5
4.5	3	6	1.5	4.5	1	1.5	2.5	2	1	2.5	3	4.2
12	8	8.5	6.5	6.5	6	4.5	3	0	1	2	2	4.7
9	**10**	8	6	3	.5	1.5	3	4	5	1	0	3.1
14	**14**	4.5	1.5	0	0	0	1	3	5	5	3	4
.5	7	**10.5**	8.5	8	5	2	3.5	5.5	5.5	2.5	2.5	3.7
5	6	4.5	5.5	**7.5**	3.5	4.5	2.5	0	2.5	4	1.5	**3**
13	3	4	4	1	.5	3.5	6	1	1	.5	4	3.2
6	**12**	11	6.5	9.5	9	8	10	8	2.5	2.5	3	5.6
12	10	8.5	12.5	12	16	**20**	10	4.5	5.5	2.5	1.5	6.6
11	11	13	17.5	**27.5**	19.5	9.5	0	2	7	3	1	7
13.5	13	12	7	12	2	0	1.5	2.5	2.5	2.5	1	4.6
15	7.5	4.5	0	1	0	1	3	5	7	3	1	4.5
15	13	14	12	8	10	11.5	8	3.5	4	2	2	8.3
14	13	11	7.5	5.5	2	13	14	8	6	6.5	6.5	7.4
21	24	37	**38**	35	29	28	26	25	26	12	7	16.9
17.5	**19**	13.5	8.5	8	15	11	5	2.5	1.5	6	4.5	7.4
13	13	8	10	16	**19**	14	7	5.5	4	.5	4	7.8
25	25	27	25	22	21	18	17	21	**33**	31	27	15.4
29	26	28	30	22	26	15	15	16	19	24	33	22.9
13	28	11	7	5	9	9	9.5	7.5	13	6	3	10.7
24	21	19	19	20	14	6	12	4.5	7.5	7	6	11.4
15.4	**16**	14.4	14.2	13.3	12	10.5	9.2	8	8.9	7.9	6.2	9.5

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	-----	-----	-----	-----	-----	-----	-----	1	1	5	7	8	-----	-----	-----	-----	2	352	**4.1**	-----
2	-----	-----	-----	-----	1	-----	-----	-----	-----	6	5	9	1	2	-----	-----	-----	437.5	1.5	27.7
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	5	8	9	1	1	-----	-----	-----	**586.5**	2.1	20.8
4	-----	-----	-----	-----	-----	1	1	1	3	2	2	5	1	-----	-----	-----	8	224.5	**0**	45.3
5	-----	-----	-----	-----	-----	2	-----	2	1	9	5	4	-----	-----	-----	-----	1	446.5	1.1	28.2
6	-----	-----	-----	-----	-----	2	1	-----	-----	4	1	7	3	-----	1	-----	5	297	.1	**48.4**
7	-----	-----	-----	-----	-----	1	2	4	-----	-----	3	12	1	-----	-----	-----	1	391	2.7	2.5
8	-----	1	-----	-----	-----	3	1	-----	2	2	-----	-----	1	-----	-----	1	13	104	1.3	10.2
9	1	4	-----	1	-----	-----	-----	-----	1	-----	1	1	-----	3	-----	1	11	131.5	1.1	39.1
10	-----	6	-----	1	-----	1	1	-----	-----	-----	-----	-----	-----	-----	-----	3	12	102	1	-----
11	-----	4	2	-----	-----	2	4	3	1	-----	-----	-----	-----	-----	-----	-----	8	112	2.1	-----
12	-----	-----	-----	1	-----	2	-----	-----	-----	-----	-----	1	1	-----	1	1	17	75	1.7	-----
13	-----	-----	-----	-----	-----	-----	-----	3	-----	-----	-----	1	2	1	-----	1	16	95	1.5	3.9
14	1	8	-----	1	-----	1	-----	-----	-----	-----	-----	-----	-----	-----	1	1	11	88.5	.2	13.9
15	-----	2	-----	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	2	-----	-----	19	**72**	.5	3.3
16	2	1	-----	1	-----	1	1	-----	-----	-----	-----	1	-----	1	-----	-----	16	77.5	.9	18.7
17	2	2	-----	1	1	-----	-----	1	-----	3	1	2	2	-----	-----	-----	9	135.5	1.8	6.2
18	-----	1	-----	3	4	-----	-----	-----	-----	1	1	3	2	3	-----	-----	6	158	2.2	18.6
19	-----	-----	5	2	-----	1	-----	-----	-----	-----	-----	1	3	3	1	-----	8	169	1.3	25.1
20	3	3	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2	1	13	111	.9	9.4
21	-----	3	1	-----	-----	1	1	-----	-----	-----	-----	-----	-----	-----	1	2	15	107	.7	31.3
22	-----	1	-----	1	1	10	4	1	-----	-----	1	1	-----	-----	-----	-----	4	200	1.9	17
23	1	3	-----	4	-----	-----	-----	-----	-----	1	-----	1	-----	4	4	2	4	177	2.5	.3
24	-----	1	1	-----	-----	-----	-----	-----	-----	1	-----	6	8	-----	-----	7	-----	406.5	2.7	.3
25	-----	1	1	-----	2	2	-----	-----	-----	1	5	3	3	-----	-----	-----	6	178	2.9	45.2
26	1	6	1	1	-----	-----	-----	-----	-----	-----	2	3	1	1	-----	2	6	187.5	1.5	26.3
27	-----	1	-----	-----	-----	-----	-----	1	-----	-----	7	5	2	1	-----	-----	7	369	2.7	1.5
28	-----	-----	-----	-----	-----	-----	-----	-----	3	8	6	6	1	-----	-----	-----	-----	550	.6	20.4
29	-----	-----	-----	-----	-----	2	7	7	5	-----	1	1	-----	-----	-----	-----	1	256	**0**	33.2
30	-----	-----	-----	-----	-----	1	2	7	5	4	2	-----	-----	-----	-----	-----	3	273	2.6	2.3
Total Mean	11 0.4	48 1.6	13 0.4	18 0.6	9 **0.3**	33 1.1	25 0.8	31 1	22 0.7	52 1.7	58 1.9	90 3	33 1.1	22 0.7	11 0.4	22 0.7	222 **7.4**	6,870 229	46.2 1.5	499.1 16.6

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	757.45	10.30p.	31.3	10.55a.	94	23.5	754.50	3.45p.	24	2.45a.	72	20.4
2	57.15	10.35p.	31.6	11.30a.	**93**	24.3	55.20	3.20a.	23.5	6.40p.	68.5	20.7
3	57	9.35p.	31.3	3.05p.	**93**	23.6	54.50	4.10p.	**24.4**	10.15p.	73	21
4	56.45	9.45p.	27.5	10.25a.	98	23.4	54.40	4.00a.	24.1	11.55p.	**84**	20.3
5	56.35	10.00p.	29.5	11.10a.	97	23.4	54.35	4.40a.	23.7	11.10p.	77	20.7
6	56.80	10.30p.	28.9	1.40p.	98	23.3	54.05	3.15p.	23	11.05p.	81	20
7	58.05	11.00p.	31.7	3.35p.	97	23.6	54.50	3.00a.	**22.4**	4.55a.	69	20.3
8	59.20	9.45p.	**33.7**	2.25p.	96	23.6	55.90	2.25p.	24.2	6.00a.	**62**	20.6
9	60.70	10.40p.	32	11.20a.	**99**	25.3	57.15	3.30p.	22.7	11.10p.	76	20.3
10	59.95	0.05a.	30.1	2.30p.	**99**	23.1	57	2.30p.	22.8	3.50a.	72	20.5
11	59.83	9.00a.	31.8	1.50p.	97	23.6	57.10	2.10p.	23.1	6.00a.	68	20.1
12	60.75	8.35a.	31.6	0.45p.	97	24.4	57	3.30p.	23.3	5.25a.	70.5	20.2
13	60.10	9.05a.	33	1.35p.	96	24.3	57.35	3.10p.	23.2	5.05a.	73	20.1
14	60.05	9.00a.	**27.3**	2.05p.	98	22.8	57.15	2.45p.	23.5	11.55p.	**84**	20.7
15	59.55	9.40a.	28.1	3.05p.	97	23	56.60	3.20p.	23.2	5.20a.	83.5	20.4
16	59.35	10.10p.	31.7	0.35p.	**99**	23.6	56.39	4.00p.	23.2	5.15a.	77	20.5
17	61.40	11.00p.	31.7	11.55a.	97	23.7	57.80	4.00a.	23	5.50a.	67.5	20.3
18	**61.70**	7.50p.	32.5	3.45p.	98	23.4	**58.25**	2.50p.	23.1	8.15p.	66	**19.9**
19	61.10	0.05a.	31.8	1.20p.	98	23.3	57.35	3.05p.	23.2	7.50p.	69	20.2
20	59.05	9.15a.	31.3	3.25p.	97	23.1	56	3.05p.	23	1.15a.	73	20.1
21	58.95	10.45p.	32.7	0.40p.	98	**25.5**	56.15	1.45p.	22.6	6.05a.	73	20
22	60.55	9.55p.	31.5	2.35p.	97	**22.7**	57.05	3.15p.	23.1	5.55a.	69	20.5
23	60.10	9.40a.	33.1	2.10p.	97	22.9	57.70	2.20p.	22.6	5.50a.	63	20.1
24	58.35	0.05a.	29.8	1.55p.	94	23.3	53.20	3.25p.	23.6	4.40a.	71	20.6
25	57.95	9.30p.	31.6	0.35p.	97	22.8	55.55	2.40p.	23	2.25a.	68	20.6
26	58.40	9.45a.	31.2	1.10p.	95	23.7	54.85	3.05p.	23.8	11.45p.	74	20.8
27	57.35	0.15a.	31.2	2.55p.	97	25	53.90	3.05p.	23.2	2.05a.	75	20.5
28	55.30	0.05a.	30.4	11.20a.	95	24.9	52.40	3.25p.	24.3	11.15p.	83	21.2
29	**55.20**	9.35p.	29.6	10.50a.	**99**	24.9	**52.35**	4.10a.	23.4	4.40a.	**84**	**21.4**
30	58.50	10.35p.	31	11.10a.	97	22.9	54.35	4.40a.	23.1	5.45a.	70	20.9
Mean	758.75	--------	31	--------	96.8	23.7	755.67	--------	23.3	--------	73.2	20.5

DAILY GENERAL REMARKS.

1----≡° a.; somewhat gusty WSW winds in the afternoon.
2----● in the morning, and especially in the afternoon, with gusty WSW winds.
3----● in the morning and night, and gusty SWly. winds at intervals.
4----Rainy weather, especially in the afternoon; T° NW 12.50 p. m.
5----Frequent rain or drizzle with some gusty SWly. winds.
6----≡° a.; almost continuous rain or drizzle; gusty SWly. winds at night.
7----≡° a.; gusty SW winds in the evening; ● at night.
8----≡° a., convergence of cirrus toward NW in the morning; ⛈° NE and ⛈ NW quad. in the afternoon; thundershowers at night.
9----≡° a; d°, ⛈ NE quad. in the afternoon; ⛈ SW quad., ϟ various points in the evening; ●² at night.
10----≡° a; d at noon; slight coloration of clouds at sunset.
11----≡° a.
12----≡° a.
13----≡° a; light thundershowers in the afternoon.
14----≡°, ● a.
15----Continuous d in the morning.
16----≡ a.; thundershowers in the afternoon; ●° at night.
17----≡°, ⌓ a.; T E in the afternoon; ● in the evening.
18----≡° a; ⛈ NE and S quad. in the afternoon; thundershowers in the evening.
19----d° in the morning; ⛈° SSE, ● in the afternoon.
20----≡° a.; ● in the early morning and afternoon.
21----≡° a.; ⛈ W in the afternoon; ●² in the afternoon and night; intense coloration of upper clouds at sunset.
22----≡° a; ⛈° W quad. in the afternoon; ϟ SW and NW in the evening; ● at night.
23----≡° a.; light convergence of cirrus toward ESE in the morning; ⛈ NNW, p° in the evening.
24----≡°, ⌓ early in the morning; gusty Wly. winds and d in the afternoon and night.
25----≡°, ●² in the early morning; coloration of clouds at sunrise; ⛈ NE quad. in the afternoon; ϟ NNW in the evening.
26----● early in the morning; d, ⛈ NNE in the afternoon; heavy thundershowers in the evening.
27----≡° a.; ⌒, gusty SWly. winds in the afternoon; d° in the evening; ● at night.
28----⌒° in the morning; frequent rain, especially in the afternoon, with gusty SWly. winds.
29----Almost continuous rain or drizzle.
30----d° in the afternoon; rain in the evening.

OBSERVATIONS FOR OCTOBER, 1910.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	58.20	57.90	57.50	57.50	57.75	58.01	58.37	58.79	58.94	58.77	58.57	58.29
2	58.95	58.65	58.20	57.80	57.75	58.08	58.35	59.09	59.66	**59.67**	59.29	58.60
3	58.05	57.55	57.35	57.05	57.10	57.45	57.84	**58.55**	58.41	58.11	57.70	57.55
4	57.70	57.55	57.10	**57.05**	57.35	57.80	58.43	58.96	59.27	59.20	59.30	58.83
5	59.40	59.55	59.35	59.10	59.10	59.45	59.79	59.97	60.16	60.19	59.89	59.43
6	**60.20**	59.90	59.25	59	58.85	59.04	59.49	59.69	59.77	59.67	59.20	58.70
7	59.05	58.30	58.15	58.35	58.40	58.40	58.80	59.18	59.38	59.60	59.20	58.43
8	58.60	58.15	57.65	57.35	57.40	57.69	58.50	58.87	59.04	**59.07**	58.65	58.24
9	58.50	58.10	58	57.80	57.95	58.50	58.59	58.89	59.31	**59.43**	58.83	58.33
10	59	58.50	58.25	58.25	58.35	58.75	59.25	59.49	59.84	59.89	59.47	59.12
11	59.95	59.50	59.50	59.45	59.50	59.74	60.24	60.74	**61.07**	60.89	60.60	60.18
12	59.70	59.50	59.40	59.25	59.40	59.74	60.24	60.55	60.83	**60.88**	60.62	60.25
13	59.95	59.25	58.85	58.65	59.05	59.50	60.26	60.57	60.54	60.40	60.01	59.52
14	60.25	59.95	59.45	**59.10**	59.15	59.59	60	60.56	60.80	**60.93**	60.60	60.14
15	60.35	60	59.80	59.70	59.85	60.37	60.96	61.49	61.53	**61.77**	61.26	60.64
16	60.50	60.10	59.90	59.90	60.05	60.37	60.70	61	61.02	60.65	60.09	59.59
17	60.50	60.20	60.30	59.85	60	60.08	60.73	61.09	**61.52**	61.42	60.98	60.49
18	60.75	60.50	60.25	60.35	60.60	61.07	61.15	61.78	61.99	**62.07**	61.74	61.18
19	60.95	60.75	60.45	60.30	60.40	60.89	61.26	61.63	**61.77**	61.64	61	60.51
20	60.20	59.95	59.70	59.65	59.70	60.25	60.89	60.99	**61.24**	61.17	60.84	60.34
21	59.90	59.75	59.55	59.40	59.60	60.11	60.40	60.74	**61.05**	60.58	60.05	59.59
22	59.80	59.70	59.60	59.40	59.75	60.30	60.70	60.55	60.54	**60.88**	60.53	60.24
23	59.60	59.20	58.95	59.05	59.15	59.60	60.21	60.65	60.95	**60.99**	60.47	59.93
24	59.20	58.90	58.75	58.55	58.70	59.10	59.56	59.79	60.08	60.10	59.54	58.94
25	60.05	59.95	59.70	59.50	59.65	60.12	60.49	60.90	61.05	**61.06**	60.59	60
26	60.40	60.20	60.10	60.10	60.30	60.59	61.19	**61.62**	61.52	61.18	60.67	60.04
27	59.45	59.20	59.15	59.20	59.45	59.91	60.19	60.52	60.77	**60.80**	60.27	59.73
28	59.50	58.85	58.70	58.60	58.65	58.94	59.86	60.52	**60.64**	60.38	59.89	59.24
29	59.15	58.50	58.30	57.95	58.15	58.66	59.54	60.22	**60.55**	60.37	59.95	59.24
30	59.30	58.85	58.50	58.40	58.65	59.17	59.49	59.49	**59.84**	59.42	58.53	57.67
31	56.50	55.90	55.85	55.85	56.05	56.53	56.65	57.10	**57.39**	57.34	56.79	56.03
Mean	59.47	59.12	58.89	58.76	58.90	59.28	59.75	60.13	**60.34**	60.27	59.84	59.32

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.5	24.5	**24.3**	24.7	24.4	**24.3**	25.4	25.3	28.3	29.4	29.4	**30.8**
2	24.2	24	24	**23.7**	23.9	24.2	25.1	25.6	26.7	28.6	**29.3**	29.1
3	23.9	23.9	23.9	23.9	23.8	23.8	23.8	24	25.1	25.4	**25.7**	25.3
4	23.6	23.7	23.6	**23.1**	23.3	23.5	24.5	25.4	26.5	**27.8**	27	27.7
5	24.2	24.3	23.8	23.5	23.4	**23.3**	25.5	27.8	28.9	30	30.4	**30.8**
6	24.4	24.2	23.8	23.5	**23.4**	**23.4**	25	28	28.3	29	29.9	29.9
7	24.1	24.3	24.2	23.8	23.7	23.7	25.7	27.6	29.4	27.8	29.7	**30.6**
8	23.3	**23.2**	23.3	23.5	23.4	23.6	24.4	26.5	28.6	29	**29.5**	**29.5**
9	25.7	25.7	25.3	25.1	24.9	25.1	25.3	26.3	27.9	28.7	29.5	**29.9**
10	24.1	24	23.7	23.4	23.6	**23.3**	24.4	27	28.2	28.8	29.1	**29.4**
11	24	23.9	23.8	23.7	23.7	**23.6**	24.2	25.8	26.1	26.8	27	27
12	23.7	23.7	23.7	23.6	23.4	**23.2**	23.6	26.1	28.3	29	28.2	26.1
13	23.3	23	22.5	22.2	21.9	**21.8**	23.8	26	27.7	28.1	**28.4**	28.3
14	23.9	23.6	23.3	23.1	**23**	**23**	24.5	26.3	27.3	27.6	27.6	27.8
15	23.5	23.5	23.8	23.8	**23.3**	23.6	24.1	25.3	28.2	28.1	28.8	28.8
16	23.5	23.1	22.9	22.7	**22.5**	**22.5**	24.6	26.9	28.8	29.5	28.9	29.7
17	24.7	24.1	24.1	23.8	23.7	23.7	24.2	25.3	26	26.9	28.2	**28.6**
18	23.7	23.7	23.8	23.9	24	23.8	25.6	27.6	28.9	27.8	29.2	29.6
19	22.1	21.9	21.7	**21.4**	**21.4**	21.5	24	26.7	29	29.4	30	30.1
20	22.8	22.9	22.2	21.9	21.9	**21.7**	24.2	27.4	29	29.9	28.3	**30.4**
21	23.3	23.4	23.2	22.9	**22.8**	23	23.6	25.9	26.2	29.1	29.1	30.1
22	23.2	23.2	23.2	**23**	23.2	23.3	23.8	25	24.9	26.4	27.4	28.4
23	24.2	24	23.9	23.3	23.4	23.4	25.5	28	28.5	26.5	27.5	28.4
24	23.1	22.6	22.3	22.1	**22**	**22**	24.4	27.8	29.8	30.2	30.8	30.3
25	22.5	22.3	22.2	22	21.9	**21.7**	23.1	26.7	29.2	29.9	30.1	30.4
26	22.3	22.2	22.2	22.1	21.6	**21.5**	23.2	26.3	29.2	29.7	29.6	30.2
27	22.6	22.3	22.3	22.3	**22.1**	22.2	25	25.5	28.8	29.8	29.4	30.2
28	23.8	23.6	23.3	23.1	23	**22.9**	24.1	26.2	28.5	28.3	28.3	28.4
29	23.1	23	23.3	23	**22.9**	23.2	23.6	26	26.7	28.1	30.4	29.1
30	23.5	23.8	23.6	23.3	23.3	**23.2**	24.7	28	29.7	31.4	31.8	31.5
31	24.2	24.2	24	**23.5**	24.1	23.9	25.1	28.2	30.7	29	29.4	30.2
Mean	23.6	23.5	23.4	23.2	**23.1**	**23.1**	24.5	26.5	28	28.6	29	29.2

ATMOSPHERIC PRESSURE, 700^{mm}+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57.94	57.53	**57.18**	57.44	57.64	57.98	58.44	58.95	59.50	**59.90**	59.70	59.80	58.36
58.04	57.55	**57.10**	57.50	57.48	57.86	57.85	58.15	58.55	58.50	58.35	58.25	58.30
56.95	56.91	**56.49**	56.54	56.54	57.04	57.39	57.95	58.45	58.40	58.45	58.25	57.59
58.62	58.54	58.22	58.29	58.05	58.28	58.74	59.25	59.65	59.65	**60.05**	59.95	58.58
58.80	58.28	**57.99**	58.04	58.43	58.69	59.23	59.70	60.15	**60.35**	60.30	60.30	59.40
57.89	57.38	56.94	**56.46**	57.16	57.69	58.02	59.15	60	59.70	59.80	59.60	58.86
57.87	57.32	**56.84**	56.87	58.02	58.33	58.45	59.15	59.80	**59.90**	59.40	58.95	58.59
57.82	57.52	57.34	**57.32**	57.59	57.88	58.08	58.55	58.85	58.60	58.70	58.80	58.18
57.83	**57.68**	57.72	58.04	58.25	58.52	58.60	58.80	59.10	59.30	59.30	59.25	58.53
58.57	58.27	**58.08**	58.18	58.68	59.35	59.61	60.35	**60.95**	60.85	60.70	60.35	59.25
59.39	**58.89**	59.15	59.17	59.36	59.69	59.90	60.25	60.75	60.65	60.45	60.25	59.97
59.48	58.97	**58.88**	59.14	59.39	59.58	59.76	60.35	60.65	60.60	60.55	60.30	59.92
58.93	58.68	58.40	**58.24**	58.75	58.99	59.81	60.35	60.90	**61**	60.85	60.75	59.68
59.25	59.40	**59.10**	59.20	59.40	59.85	60.05	60.45	60.90	60.90	60.80	60.55	60.02
59.72	58.80	**58.62**	59.04	59.25	59.37	59.97	60.60	60.85	61.15	60.95	60.90	60.29
58.82	**58.45**	58.67	58.70	59.23	59.29	60	60.50	60.85	**61.10**	60.95	60.90	60.06
60.18	59.99	59.55	**59.44**	59.49	59.60	60	60.30	60.70	60.85	60.95	60.80	60.38
60.61	59.98	**59.62**	59.66	59.67	59.98	60.53	61	61.20	61.05	61.25	61.10	**60.80**
59.92	59.23	**59.04**	**59.04**	59.13	59.39	59.52	60.25	60.45	60.70	60.55	60.50	60.39
60.02	59.20	59.13	**59.09**	59.12	59.39	59.55	59.95	60.40	60.70	60.50	60.30	60.09
58.90	58.67	**58.43**	58.98	59.19	59.19	59.49	59.65	60.10	60.55	60.30	60.15	59.76
59.52	58.99	58.78	**58.74**	58.78	58.89	59.49	59.80	60.15	60.10	59.90	59.75	59.79
59.45	58.92	58.75	58.68	**58.65**	58.77	59.13	59.50	59.70	59.70	59.75	59.50	59.55
58.38	57.51	**57.46**	57.47	58.05	58.73	59.43	59.95	60.25	60.30	**60.70**	60.30	59.16
59.42	58.82	**58.61**	58.68	58.85	59.03	59.49	60.40	60.90	60.90	60.80	60.55	59.98
59.07	58.32	58.12	**57.93**	58.38	58.93	59.54	60.15	60.45	60.30	60.30	60.15	59.98
59.07	58.56	58.43	**58.34**	58.69	58.82	59.34	59.85	60.05	60.10	60	59.80	59.57
58.34	58.02	**57.73**	57.98	58	58.48	59.08	59.80	59.90	60.10	59.90	59.75	59.20
58.32	57.74	**57.59**	57.74	58.01	58.62	59.09	59.75	60.15	60.20	60.05	59.90	59.07
57.32	56.65	**56.47**	56.52	56.55	56.87	57.21	57.60	58.15	57.90	57.80	57.10	58.06
55.56	55.02	**54.81**	55.01	55.25	55.42	55.97	56.40	56.65	56.80	56.40	55.95	**56.13**
58.71	58.25	**58.04**	58.11	58.36	58.66	59.06	59.58	59.97	60.03	59.95	59.77	59.27

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
30.2	**30.8**	30.1	30	28.7	27.7	27.5	27.2	26.3	26.2	25.8	24.5	27.1
28.6	28.7	28	25.5	25.4	25.6	25.6	25	24.3	24	24	23.9	25.7
25.7	24.6	24.3	24.6	24.7	25	24.5	24.3	**23.6**	23.7	23.7	23.8	**24.4**
26.9	27.2	27.2	26.4	25.8	25.2	24.9	24.6	24.4	24.3	24.2	24.1	25.2
30.5	30.5	30.3	30	28.3	27.3	27.1	26.9	26.7	26.2	25.3	24.9	27.1
30.3	**31.1**	30.9	30.3	29	28	27.8	27.6	24.1	23.9	23.8	23.9	26.8
30	29.5	30	29.3	25	24.1	23.4	23.6	23.8	23.6	23.4	**23.3**	26
29.5	28.1	27.6	27.8	27.9	27.8	27.5	27.6	27.3	27.2	27.1	26.3	26.6
29.5	28.8	24.8	25.8	26.1	25.8	25	24.8	24.6	24.4	24.3	**24.1**	26.1
26.9	25.4	25.8	26.5	26.3	25.5	25.1	25	24.4	24.1	24.1	24.1	25.5
28.4	27.8	23.7	24.1	25	24.6	24.3	24.1	23.8	**23.6**	23.8	23.9	24.9
28	29.2	**29.4**	27.6	26.3	25.2	25.3	24.7	24.9	24.5	24	23.8	25.6
28.2	26.1	25.5	25.8	25.9	25.6	25.4	24.4	24.2	24.1	24	23.8	25
28.7	24.3	24.8	25	25	24.5	24.2	24	23.8	23.7	23.6	23.5	24.8
29.9	**30.5**	30.3	30.1	28.1	26.3	25.5	25.2	24.9	24.7	24.5	24.2	26.2
29.9	29.7	29.8	29.2	27	25.7	25.7	25.5	25.3	25.2	25.2	24.7	26.2
27.1	24.7	23.9	25.2	25.3	24.9	24.5	24.2	23.7	23.5	**23.4**	**23.4**	24.9
29.6	**30.8**	30.4	30.3	28.7	26.8	25.5	24.7	23.8	22.8	22.5	**22.2**	26.2
31	30.9	28.7	28.5	27.8	26	25	24.2	24.2	23.8	23.9	22.9	25.7
26.3	28.9	25.7	25.7	26.1	25.4	25.1	24.7	24.3	23.8	23.5	23.4	25.2
31.3	29.7	**31.5**	26.4	26.7	25.9	25.2	24.8	24.2	23.9	23.8	23.4	25.8
28.7	26.7	27.1	28	27.1	25.8	25.6	25	24.7	24.4	24.1	24	25.3
29.2	29.2	29.1	**29.8**	27.4	25.8	25.4	25	24.3	24	23.3	**23**	25.9
30.9	**31.5**	31.3	31.3	30.6	27.6	26	25.2	24.3	23.6	22.9	22.6	26.5
31.1	31	30.4	26.5	26.4	25.7	24.7	24.3	23.8	23.3	23	22.8	25.6
29.7	**30.5**	28.1	**30.5**	27.9	26.5	25.5	25	24.2	23.6	23.3	23	25.7
30.7	28.2	28.5	27.9	27.7	26.1	25.6	25	25	24.3	24.1	24.3	25.8
30.9	**31**	30.8	29.1	27.1	26.2	25.3	24.6	24.4	24	23.5	23.2	26
29.8	29.5	**30.8**	30.7	28.5	26.9	26.2	25.9	24.7	24.2	24.1	23.7	26.1
31.4	**32.6**	32	30.5	29.2	27.9	26.8	26.1	25.7	25.4	24.4	24.2	**27.2**
29.3	**31**	30.8	30.7	29.1	27.8	27.1	26.3	25.7	25.3	25.2	24.9	27.1
29.3	29	28.4	28	27.1	26.1	25.6	25.1	24.6	24.3	24.1	23.8	25.9

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	92	91.5	92	88	91	91	88	**93**	84	80	79	71
2	91	92	94	95	96	95	95	94	90	81	79	**78**
3	**99**	**99**	**99**	**99**	**99**	98	98	96	94	93	**92**	93
4	**96**	94	95	**96**	94	94	93	88	83	**82**	87	84
5	92	92	95	95	95	**96**	90	82	81	76	70	69
6	92	93	95	**97**	**97**	96	90	85	81	76	70	72
7	93	94	94	96	**97**	96	91	85	79	85	78	**72**
8	**97**	**97**	**97**	96	**97**	96	96	88	80	78	**74**	76.5
9	93	92	92	92	92	90	90	85	77	77	74	**73**
10	95	95	96	**97**	95	96	94	84	81	79	**78**	79
11	96	**97**	**97**	**97**	**97**	**97**	96	87	88	85	83	83
12	**97**	**97**	**97**	**97**	**97**	**97**	96	87	76	**69**	76	85
13	96	95	96	**97**	**97**	**97**	91	83	77	79	**75**	77
14	96	97	**98**	97	97	97	94	86	84	81	**76**	77
15	97	97	97	97	**98**	97	97	94	79.5	78	74	73
16	90	92	92	94	94	**95**	90	80	73	**69**	72	**69**
17	91	94	94	94	93	94	94	88	82	81	**77**	78
18	96	**97**	96	96	96	**97**	89	80	78	83	71	66
19	**91**	**91**	**91**	90	90	90	85	76	70	**68**	69	**68**
20	90	90	93	94	94	95	86	75	71	66	70	**64**
21	97	97	98	**99**	**99**	97	97	85	83	67	73	70
22	**98**	**98**	97	**98**	**98**	97	97	92	92	86	81	81
23	91	91	91	**94**	93	93	89	82	83	88	84	79
24	90	93	94	**95**	**95**	**95**	88	74	69	64	65	68
25	93	94	94	95	95	96	96	80	69	**67**	69	**67**
26	**99**	98	98	98	**99**	**99**	91	78	67	66	67	**64**
27	97	**98**	96	95	95	95	85	85	73	67	72	71
28	88	90	90	91	91	**92**	91	82	73	72	72	73
29	88	89	86	88	88	90	**90.5**	82	79	71	72	78
30	**90**	87	88	**90**	89	89	84	74	69	60	56	57
31	86	85	86	**90**	88	**90**	89	74	65	74	68	64
Mean	93.5	93.8	94.1	**94.7**	**94.7**	**94.7**	91.6	84	78.4	75.7	74.3	**73.5**

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.1	20.9	20.9	20.4	20.8	20.6	21.1	22.3	24	**24.3**	23.9	23.4
2	**20.3**	20.4	20.8	20.6	21.1	21.3	22.5	22.9	23.5	23.5	**24**	23.5
3	21.9	21.9	21.9	21.9	21.7	21.5	21.5	21.2	22.3	22.3	22.5	22.3
4	20.7	20.5	20.5	20.1	**20**	20.2	21.3	21.3	21.4	22.8	23.1	23.1
5	20.7	20.9	20.8	20.4	**20.3**	**20.3**	21.8	22.8	**24**	23.9	22.4	22.6
6	21	20.9	20.8	20.7	20.6	20.4	21.2	23.8	23.2	22.5	21.9	22.6
7	20.8	21.2	21.1	20.9	21	20.8	22.3	23.3	**24.2**	23.6	24.1	23.4
8	20.7	20.6	**20.5**	20.6	20.6	20.7	21.7	22.6	23.4	23.3	22.6	23.4
9	22.9	22.5	21.9	21.7	21.4	21.3	21.5	21.6	21.5	22.5	22.6	22.7
10	21.1	21	20.8	20.6	20.5	**20.3**	21.3	22.3	23	23.3	23.2	**23.9**
11	21.2	21.3	21.2	21	21	21.1	21.5	21.5	22.1	22.2	21.9	21.9
12	21	21	21	20.9	20.6	**20.4**	20.7	21.8	21.7	20.7	21.6	21.4
13	20.3	19.8	19.4	19.3	19	**18.9**	20	20.7	21.2	22.2	21.6	21.9
14	21.1	20.9	20.9	20.5	**20.3**	**20.3**	21.5	21.9	22.5	22.3	20.9	21.4
15	20.7	20.7	21.3	21.3	20.9	21.1	21.7	**22.6**	22.5	22	21.8	21.6
16	19.5	19.4	19.1	19.2	**19**	19.2	20.7	21.2	21.6	21.2	21.3	21.5
17	21	21	21	20.6	**20.2**	20.5	21.1	21.2	20.6	21.3	22	**22.6**
18	20.8	21	20.9	21.1	21.2	21.2	21.8	21.9	**23.2**	23.1	21.4	20.3
19	18	17.8	17.5	**17**	**17**	17.2	18.8	19.8	20.8	20.8	21.8	21.6
20	18.6	18.7	18.5	18.3	18.3	**18.2**	19.4	20.3	21.1	20.7	20.1	20.6
21	20.7	20.8	20.8	20.6	20.4	20.3	20.9	21.2	21	**20**	21.8	22.2
22	20.8	20.8	20.6	20.5	20.8	20.7	21.2	21.6	21.4	21.9	21.8	23.3
23	20.3	20.3	20.1	20	19.9	19.9	21.7	23.1	**23.9**	22.6	22.8	22.7
24	19	18.9	18.8	18.7	**18.6**	**18.6**	20	20.6	21.4	20.3	21.3	21.9
25	18.8	18.8	18.6	18.6	18.5	**18.4**	20.1	20.7	20.7	20.9	21.8	21.6
26	19.9	19.5	19.5	19.4	19	**18.9**	19.3	19.8	20.2	20.4	20.7	20.5
27	19.7	19.6	**19.1**	18.9	18.7	18.8	20	20.7	21.4	20.7	21.8	**22.8**
28	19.3	19.4	19.2	19.1	19	19.1	20.2	20.6	21	20.5	20.5	21
29	18.4	18.5	18.3	18.3	**18.2**	19.1	19.6	20.6	20.5	20.1	23.1	**23.5**
30	19.3	19.1	19	19	18.9	**18.7**	19.5	20.9	**21.5**	20.6	19.5	19.7
31	19.2	**19**	19.2	19.5	19.6	19.8	21.1	20.9	21.4	**22**	20.8	20.3
Mean	20.3	20.2	20.1	20	**19.9**	**19.9**	20.9	21.5	22	21.9	22	22.1

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
73	68	71	**65**	73	77	78.5	81	86	87	90	89	82.5
82	81	85	89	91	94	95	98	98	98	98	**99**	91.2
93	95	97	95	94	93	95	95	96	96	95	97	**95.8**
89	83	84	89	85	90	91	93	93	93	92	92	90
65	**65**	68	72	77	81	81	83	83	86	91	92	82.4
67	**62**	68	75	78	81	82	84	91	92	92	93	83.7
73	73	74	76	86	90	94	93	96	96	**97**	**97**	87.7
77	80	81	83	82	80	83	81	85	86	86	91	86.1
75	80	91	87	90	90	91	93	94	94	95	**96**	87.6
89	93	88	86	86	90	92	92	94	94	95	95	90.1
77	**75**	91	95	94	95	94	95	96	**97**	96	96	91.8
79	74	73	82	89	90	91	91	92	94	**97**	94	88.2
79	89	93	92	92	93	94	93	94	95	96	**97**	90.3
80	95	95	95	93	93	94	94	94	95	96	97	91.7
70	**64**	66	68	75	79	81	81	83	85	87	87	83.5
72	**69**	71	71.5	80.5	88	90	90	92	93	91	91	83.7
84	95	95	93	94	96	97	97	97	**98**	**98**	97	91.7
65	62	**60**	61	78	81	79	83	85	89	89	90	82
68	69	75	76	80	80	85	87	86	88	89	**91**	81.4
82	76	88	92	89	91	92	95	95	95	**97**	**97**	86.5
66	77	72	92	92	93.5	92.5	92	94	97	97	98	88.5
78	90	88	82	87	91	91	92	92	91	91	91	90.8
77	73	73	**70**	80	88	86	85	89	91	92	92	85.6
66	65	62	**59**	**59**	73	75	78	82	86	90	92	78.2
68	**67**	71	88	95	92	92	90	91	95	**97**	**97**	85.8
69	70	78	70	78	80	85	84	89	93	93	94	83.6
68	73	72	79	**66**	73	76	79.5	79.5	84	86	86	81.3
67	65	**63**	70	70	72	77	82	82	84	86	88	79.6
71	74	64	**61**	67	72	75	76	83	86	86	89	79.4
55.5	**52**	54	60	64	69	76	79	81	83	86	86	**74.1**
69	**59**	60	62	68	71	74	79	81	83	83	86	76.4
74	74.6	76.5	78.6	81.7	84.7	86.4	87.6	89.5	91.1	92.1	92.8	85.5

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
23.2	22.4	22.6	20.5	21.3	21.2	21.4	21.6	21.9	22	22.3	**20.3**	21.8
23.8	23.7	23.8	21.7	21.9	22.9	23.2	23.2	22.2	21.8	21.8	21.9	**22.3**
22.9	21.8	22	21.8	21.8	22	21.7	21.4	20.7	20.8	**20.6**	21.3	21.7
23.4	22.2	22.6	22.7	21.1	21.4	21.2	21.4	21.2	21	20.7	20.6	21.4
21	21	21.9	22.7	21.9	21.7	21.6	21.7	21.7	21.8	21.8	21.4	21.7
21.5	21	22.5	**24**	23.1	22.7	22.6	23.2	**20.2**	20.3	**20.2**	20.5	21.7
22.9	22.4	23.4	23.1	20.2	**20**	20.1	20.1	20.9	20.7	20.6	20.5	21.7
23.7	22.6	22.1	23.1	23	22.2	22.6	22.3	22.9	23	22.8	23.2	**22.3**
23	**23.7**	**21.1**	21.5	22.6	22.3	21.3	21.7	21.6	21.3	21.4	21.4	22
23.4	22.5	21.9	22	21.9	21.8	21.9	21.7	21.3	21	21.1	21.1	21.8
22.3	20.8	**19.7**	21.1	22.1	21.8	21.2	21.1	20.9	20.9	20.9	21.1	21.3
22.3	22.3	22.2	**22.5**	**22.5**	21.4	21.8	21	21.6	21.5	21.4	20.6	21.4
22.4	22.2	22.6	22.7	**22.8**	**22.8**	22.7	21.2	21.1	21.1	21.2	21.2	21.2
23.5	21.4	22.1	22.4	22	21.3	21.1	20.8	20.6	20.6	20.7	20.7	21.3
21.9	20.7	21.1	21.6	21.2	20.2	19.7	**19.3**	19.5	19.6	19.8	19.6	20.9
22.6	21.2	22.2	21.5	21.3	21.7	22.1	21.8	21.9	22.2	21.6	21	21
22.4	21.9	20.9	22.2	**22.6**	22.4	22	21.7	21.2	21.1	21	20.8	21.4
20.1	20.5	19.4	19.5	22.7	21.2	19.1	19.1	18.6	18.5	**17.9**	**17.9**	20.5
22.7	**22.8**	22.1	22	22.2	20	20	19.6	19.2	19.3	19.6	18.9	19.9
20.8	**22.5**	21.7	**22.5**	**22.5**	21.9	21.9	21.9	21.4	20.8	21	20.8	20.5
22.3	23.7	**24.6**	23.5	23.9	23.2	22	21.5	21.1	21.3	21.2	21	21.7
22.9	**23.5**	**23.5**	23.1	23.2	22.4	22.1	21.6	21.4	20.8	**20.2**	20.3	21.7
23.2	21.9	21.8	21.8	21.7	21.6	20.7	20	20.1	20.1	19.6	**19.2**	21.2
22	**22.4**	21	20.1	19.3	20	18.7	**18.6**	**18.6**	18.7	18.7	18.7	19.8
22.8	22.3	22.8	22.6	**24.3**	22.5	21.2	20.3	20	20.1	20.2	20.1	20.7
21.5	**22.6**	22	**22.6**	21.8	20.6	20.7	19.8	19.9	20.1	19.8	19.6	20.3
22.2	20.8	20.8	22.2	**18.2**	18.4	18.5	18.7	18.7	19	19.1	19.3	19.9
22.1	21.9	20.8	21	18.7	**18.2**	18.5	18.8	18.7	18.6	18.5	18.6	19.7
22.2	22.6	21.2	20	19.4	19	18.9	18.9	19.3	19.2	19.1	19.3	19.9
19	18.9	19.2	19.5	19.1	19.4	19.9	19.9	20	19.9	19.4	19.4	**19.6**
20.9	19.8	19.7	20.2	20.2	19.8	19.7	20	20	19.8	19.9	20.1	20.1
22.3	21.6	21.8	21.9	21.6	21.2	21	20.8	20.6	20.5	20.5	20.3	21

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1					Ci.-S.	NW			A.-Cu.	SSW	Ci.-S.	
2									A.-Cu.			
3	Ci.-S.											
4					A.-Cu.		A.-Cu.		A.-Cu.			
5	Ci.-S.	E	Ci.						Ci.		Ci.	
6	Ci.-S.		Ci.		Ci.		Ci.		Ci.		Ci.	
7	Ci.		Ci.				A.-Cu.	NEbyE	A.-Cu.	NEbyE	A.-Cu.	NE
8	Ci.-S.		Ci.-S.		A.-Cu.		Ci.-S.		Ci.-S.		Ci.-S.	
9					Ci.-S.		Ci.-S.		Ci.-S.		A.-Cu.	
10	A.-Cu.		Ci.		Ci.-S.		Ci.-Cu.		Ci.-S.		Ci.-S.	
11	A.-Cu.	E	A.-Cu.									
12	Ci.		Ci.-S.		Ci.		Ci.-S.		A.-Cu.		A.-Cu.	
13	A.-Cu.	E	Ci.-S.		Ci.-S.		Ci.-S.		A.-Cu.			
14	Ci.		Ci.-S.		Ci.							
15	Ci.-S.		A.-Cu.		A.-Cu.		Ci.-S.		A.-Cu.		A.-Cu.	
16	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
17	Ci.-S.		Ci.-S.		Ci.-S.		A.-Cu.	ENE	A.-Cu.		A.-Cu.	
18	A.-Cu.		A.-Cu.		A.-Cu.		Ci.-S.		Ci.-Cu.		Ci.	
19	A.-Cu.											
20												
21	Ci.-S.		A.-Cu.		A.-Cu.	ESE						
22	A.-Cu.	ENE	A.-Cu.		A.-Cu.		Ci.-S.					
23	Ci.-S.		Ci.-S.		A.-Cu.						Ci.-S.	
24												
25	Ci.		Ci.		Ci.		Ci.					
26			Ci.									
27	A,-Cu.				A.-Cu.							
28	A.-Cu.	E	A.-Cu.		Ci.-S.	SE	Ci.		Ci.-S.			
29	Ci.-S.		A.-Cu.		A.-Cu.		A.-Cu.		Ci.-S.		A.-Cu.	
30	Ci.		Ci.		Ci.		Ci.-Cu.		A.-Cu.		A.-Cu.	
31	A.-Cu.		A.-Cu.		Ci.		Ci.-S.					

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.-N.		Fr.-N.		Cu.	SW	Cu.		Cu.		Cu.	
2	Cu.		Fr.-N.	WSW	S.-Cu.		N.-cf.		Cu.	WSW	Cu.	
3	Fr.-N.	E	Fr.-N.		Cu.-N.	E	N.		Fr.-N.		Cu.-N.	W
4	Fr.-N.		Fr.-N.	WbyS	Cu.	WbyS	Cu.	WbyS	S.-Cu.		N.-cf.	
5	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
6	Cu.		Cu.		N.-cf.	W	Cu.	W	Cu.		Cu.	
7	Cu.		Cu.	NE	Fr.-Cu.		Cu.		Cu.		Cu.	
8	S.-Cu.	NNW	S.-Cu.	NNW	S.-Cu.		Cu.		N.-cf.	NW	N.-cf.	NW
9	Cu.-N.	NNW	Cu.-N.		Cu.-N.	NNW	Cu.-N.		Cu.		Cu.-N.	
10	Cu.		Cu.		Cu.-N.	S	Cu.-N.		Cu.-N.		N.-cf.	
11	S.-Cu.		Cu.		N.-cf.	ENE	Cu.-N.	ENE	Cu.-N.		Cu.-N.	
12	S.-Cu.	ENE	S.-Cu.	ENE	S.-Cu.	ENE	N.-cf.		Cu.-N.		Cu.-N.	
13	Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.-N.	
14	S.-Cu.		Cu.	E	Cu.	E	N.-cf.		N.-cf.	ESE	N.-cf.	
15	Cu.	E	Cu.		Cu.	EbyS	N.-cf.	E	Cu.	E	Cu.	
16	S.-Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	
17	S.-Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.-N.	
18	S.-Cu.	NEbyN	S.-Cu.	NEbyN	S.-Cu.	E	N.-cf.	E	Cu.	E	N.-cf.	
19	Cu.		Cu.		Cu.	E	Cu.	E	Cu.		Cu.-N.	
20	Cu.		S.-Cu.		Cu.		Cu.	E	Cu.-N.	E	N.-cf.	
21	S.-Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	
22	S.-Cu.	E	S.-Cu.	E	N.		Cu.-N.		Cu.-N.		Cu.-N.	
23	Cu.		Cu.		Cu.	E	Cu.-N.		Cu.-N.		Cu.	
24	Cu.		Cu.		Cu.		Cu.		Cu.	ESE	Cu.	
25	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	N.-cf.	
26	Cu.		Cu.		Cu.		Fr.-Cu.	ESE	Cu.	ESE	N.-cf.	
27	S.-Cu.	E	S.-Cu.	E	Cu.	E	Cu.		Cu.		N.-cf.	
28	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.-N.	
29	S.-Cu.	ENE	S.-Cu.	ENE	Cu.-N.	E	Cu.	E	Cu.		Cu.	
30	S.-Cu.	EbyN	Cu.		Cu.	E	S.-Cu.	NEbyE	Cu.		Cu.	
31	Cu.		S.-Cu.	ENE	Cu.	ENE	N.-cf.	ENE	N.-cf.		N.-cf.	

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Ci.-S.						A.-Cu.		Ci.-Cu.			
				Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.		A. -Cu.	SW	Ci.-S.		Ci.	
Ci.		Ci.		Ci.		Ci.-S.	E	Ci.-S.	E	Ci.-S.	
A.-Cu.	NE	A.-Cu.	NE	Ci.		Ci.-S.					
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
A.-Cu.	NW	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
				Ci.-S.		A.-Cu.					
Ci.-S.											
A.-Cu.	NNE	A.-Cu.		A.-Cu.		A.-Cu.	NNE				
A.-Cu.		A.-Cu.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.-Cu.		Ci.-S.		Ci.-S.		A.-Cu.			
										A. -Cu.	
		A.-Cu.		Ci.		A.-Cu.				Ci.	
		A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.			
		Ci.				Ci.		Ci.-Cu.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.				Ci.-S.		Ci.-S.		Ci.-S.		Ci.	
						A.-Cu.		A.-Cu.			
								Ci.-S.		Ci.-S.	
										A.-Cu.	
		A.-Cu.									
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.	SW	Fr.-Cu.	SW	Cu.	SW	Fr.-Cu.		Cu.		S.-Cu.	
Cu.-N.	WSW	Cu.-N.		N.	WSW	Cu.-N.		Fr.-N.		Cu.-N.	
N.		N.	SW	N.	SW	N.	SW	Fr.-N.		N.	
Cu.-N.		Cu.-N.	SW	N.-cf.	SW	Cu.-N.	SW	S.-Cu.		S.-Cu.	
Cu.		Cu.		Cu.		Cu.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.		Cu.		Cu.		Cu.-N.		Cu.-N.	
Cu.		Cu.		Cu.		Cu.-N.		Cu.-N.		N.	
Cu.	WNW	Cu.-N.	W	Cu.-N.		Cu.-N.		Cu.-N.	NWbyW	Cu.-N.	
Cu.-N.		Cu.-N.		Cu.-N.	WSW	Cu.-N.		Fr.-N.	WSW	N.-cf.	
Cu.-N.	E	Cu.-N.		Cu.	E	Cu.		Cu.-N.		N.	
Cu.-N.	ESE	N.	ESE	N.		N.		N.		S.-Cu.	
Cu.		Cu.		Cu.-N.		Cu.-N.		N.		Cu.-N.	
Cu.-N.	NE	N.		N.		N.		Fr.-N.		Cu.-N.	
N.		N.	SE	N.	ESE	N.	ESE	S.-Cu.		Fr.-N.	
N.-cf.	EbyN	N.-cf.	EbyN	N.-cf.	ENE	Cu.-N.	ENE	Cu.		Cu.	
Cu.	E	Cu.-N.	E	Cu.-N.		Cu.-N.		Cu.-N.		N.	
Cu.-N.	E	Fr.-N.	E	Cu.-N.		Cu.-N.		Cu. -N.		Cu.-N.	
Cu.		Cu.		Cu.		Cu		Cu.		Cu.	
N.-cf.	E	N.-cf.	E	N.	E	N.	E	S.-Cu.		S.-Cu.	
Cu.-N.		Cu.	E	Cu.-N.	E	Cu.	E	Cu.		Cu.	
N.-cf.	E	Cu.-N.		Cu.-N.		Cu.-N.		Cu.		Cu.	
Cu.-N.		Cu.-N.		Cu.		Cu.	E	Cu.	E	Cu.	
Cu.-N.		N.-cf.	ESE	Cu.	ESE	Cu.-N.	EbyS	Cu.			
Cu.		Cu.	ESE	Cu.		Cu.		Cu.		Cu.	
Cu.		N.-cf.	E	Cu.-N.		Cu.	ESE	Cu.		Cu.	
N.-cf.	EbyN	Cu.-N.		Cu.-N.	EbyN	Cu.-N.		Fr.-N.		Cu.-N.	
S.-Cu.	ENE	Cu.-N.	ENE	S.-Cu.	ENE	S.-Cu.	NEbyE	S.-Cu.	NEbyE	S.-Cu.	
Cu.-N.		Cu.	E	Cu.-N.	E	Cu.	E	Cu.-N.		Cu.	
Cu.		Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.	NE	Cu.		Cu.		Cu.	
Cu.		Cu.	NE	Cu.		Cu.		Cu.		Cu.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	SSE	0.5	Calm	--------	SSW	0.5	Calm	--------	SSE	1.5	SE	1.5
2	Calm	--------	Calm	--------	NE	.5	Calm	--------	NE	.5	ENE	.5
3	Calm	--------	Calm	--------	Calm	--------	Calm	--------	ENE	.5	Calm	--------
4	S	4	S	4.5	SE	1.5	ESE	.5	Calm	--------	Calm	--------
5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	ESE	.5
6	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
7	Calm	--------	Calm	--------	Calm	--------	NE	.5	NE	.5	NE	1
8	ESE	.5	Calm	--------	ENE	.5	ENE	.5	Calm	--------	Calm	--------
9	N	1	NNW	3.5	N	2.5	N	3	N	2	NbyE	1
10	Calm	--------	Calm	--------	Calm	--------	E	1	E	.5	Calm	--------
11	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
12	Calm	--------	Calm	--------	Calm	--------	ENE	.5	E	.5	Calm	--------
13	Calm	--------	N	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------
14	NNW	.5	NNW	.5	NNE	.5	Calm	--------	Calm	--------	Calm	--------
15	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
16	NE	1.5	Calm	--------	ENE	.5	NE	1.5	NE	1.5	NE	1.5
17	NW	1.5	NNE	1.5	NNE	1	Calm	--------	NE	.5	Calm	--------
18	N	1	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
19	Calm	--------	N	.5	E	.5	NNE	1	NNE	.5	Calm	--------
20	Calm	--------	Calm	--------	NE	1	NE	.5	NE	.5	Calm	--------
21	Calm	--------	Calm	--------	N	.5	Calm	--------	N	.5	Calm	--------
22	N	.5	NE	.5	Calm	--------	Calm	--------	NW	1	Calm	--------
23	NE	.5	N	1	NE	1	N	.5	Calm	--------	Calm	--------
24	NE	2	NE	2	NE	2	E	.5	NE	.5	Calm	--------
25	N	.5	Calm	--------	NE	.5	E	.5	E	.5	Calm	--------
26	Calm	--------	Calm	--------	Calm	--------	NNE	1	NNE	1	Calm	--------
27	Calm	--------	N	.5	NE	.5	Calm	--------	Calm	--------	NNE	1.5
28	Calm	--------	Calm	--------	E	.5	NE	.5	Calm	--------	Calm	--------
29	Calm	--------	NE	.5	NE	1.5	N	.5	NE	.5	Calm	--------
30	N	1.5	N	2	N	2	NNW	1.5	N	1.5	NNE	1
31	NNE	1.5	N	3	NE	1	NNE	1.5	NNE	1.5	Calm	--------
Mean	------------	0.5	------------	0.7	------------	0.6	------------	0.5	------------	0.5	------------	0.3

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	WSW	7	SW	5.5	WSW	7.5	SW	6.5	SW	5.5	SW	2.5
2	NNW	4.5	WNW	1.5	Calm	--------	W	11	WSW	4.5	SW	3
3	Calm	--------	SSW	1.5	Calm	--------	SSW	2.5	SSW	2	SW	1
4	SWbyW	3	SSW	2.5	SWbyS	3.5	SSW	.5	Calm	--------	Calm	--------
5	W	2	W	3.5	WSW	4.5	WSW	3	SW	3	WSW	4
6	WSW	2	WSW	1.5	WSW	2	SW	2.5	SW	3.5	SW	3
7	WNW	1.5	W	3	SW	4	WSW	4	NNW	15	NE	1
8	SW	4.5	WSW	4	SWbyW	.5	SWbyW	6	SWbyW	3	W	6
9	WSW	3	SSW	2	SWbyW	4	SWbyW	5	SW	3.5	SSE	1.5
10	SE	5	SE	1.5	SSE	1	S	3	SSE	2	Calm	--------
11	Calm	--------	S	.5	NEbyE	2	ESE	.5	S	1	ESE	1.5
12	Calm	--------	SSW	.5	SSW	2	SSE	1.5	Calm	--------	Calm	--------
13	WNW	1.5	Calm	--------	NNW	2	Calm	--------	Calm	--------	Calm	--------
14	W	.5	Calm	--------	SSE	2	Calm	--------	Calm	--------	Calm	--------
15	ENE	1	E	2	ESE	1.5	ESE	1.5	ESE	1	ESE	1
16	W	3	W	2	E	5	NNE	3	ENE	4.5	Calm	--------
17	SSW	1	SE	3	SE	1.5	Calm	--------	Calm	--------	Calm	--------
18	WNW	1.5	W	3	WbyS	2	SE	1.5	Calm	--------	E	1.5
19	Calm	--------	N	3	Calm	--------	S	1.5	Calm	--------	ENE	.5
20	ESE	2.5	Calm	--------	SSW	2.5	SSE	1.5	SSE	1.5	Calm	--------
21	NW	3	WNW	2	NNW	4	Calm	--------	Calm	--------	NNW	1.5
22	WNW	2	NE	.5	ENE	2	Calm	--------	Calm	--------	Calm	--------
23	WSW	1.5	Calm	--------	NE	2	NE	3.5	Calm	--------	Calm	--------
24	WNW	2	W	5.5	WSW	4.5	Calm	--------	E	1.5	ENE	1.5
25	W	3.5	W	2.5	WSW	1.5	Calm	--------	Calm	--------	ESE	1
26	Calm	--------	NNE	1.5	Calm	--------	Calm	--------	ENE	2	ENE	1
27	NNE	3	ENE	3	Calm	--------	Calm	--------	NE	2	Calm	--------
28	NE	1.5	NNE	.5	NE	3	NNE	4.5	NNE	4.5	NNE	2.5
29	SW	1	SSW	1	NE	3	NE	1.5	NNE	3	NNE	4
30	NE	4.5	NE	4	ENE	3.5	ENE	2.5	NNE	2	NE	.5
31	NNE	2.5	NNE	6	NNE	5.5	NNE	4.5	NNE	4	NNE	4.5
Mean	------------	2.2	------------	2.2	------------	2.5	------------	2.3	------------	2.2	------------	1.4

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
SE	3	SSE	3.5	SSE	0.5	WSW	1.5	SWbyW	4	WSW	5
E	.5	E	.5	Calm		NNE	1	WNW	2.5	NW	1.5
Calm		ESE	.5	SSW	.5	WNW	1.5	WSW	2	ENE	2
SSE	1.5	SE	2	Calm		SW	2.5	WSW	5	WSW	4
Calm		Calm		SSW	1	WSW	.5	Calm		Calm	
Calm		Calm		Calm		Calm		W	2.5	WSW	2
Calm		Calm		Calm		WNW	2	WNW	4.5	WNW	2
Calm		Calm		SSW	1	SW	.5	WSW	1	SSW	2.5
NNE	2.5	Calm		W	1	W	2	WNW	2	WSW	1
Calm		Calm		Calm		SW	2	WNW	3	NW	2
Calm		Calm		Calm		NW	1.5	WNW	2	WNW	1
Calm		Calm		Calm		S	1	WSW	2.5	Calm	
Calm		Calm		Calm		WSW	1	W	3.5	WNW	3.5
Calm		Calm		W	1	NW	1	WNW	4	W	1
Calm		Calm		ESE	1	ESE	1	ESE	1	ENE	1
NE	2	NNE	2.5	Calm		NW	.5	WNW	2.5	WNW	2.5
NNE	.5	Calm		NNE	.5	Calm		NNE	.5	NW	1.5
Calm		Calm		SE	1	WNW	2	NW	3	W	4
Calm		ENE	.5	WNW	1.5	WbyN	1	WNW	1	WSW	2
ENE	.5	NE	1.5	NE	.5	Calm		WSW	2	SSE	1.5
N	1.5	Calm		Calm		Calm		NNW	2.5	NNW	1.5
Calm		Calm		Calm		Calm		SW	1	W	2
Calm		Calm		NNW	2	NW	1.5	Calm		Calm	
Calm		Calm		ESE	1.5	SW	2	WNW	1.5	NW	3.5
Calm		Calm		Calm		SSE	2.5	W	4	NW	2
Calm		Calm		Calm		WSW	.5	WSW	3.5	SSW	1.5
NE	1.5	NE	2.5	NE	1.5	NNE	1.5	Calm		NNE	4.5
Calm		Calm		Calm		SW	.5	WSW	2	WNW	2.5
Calm		Calm		ENE	.5	NE	1.5	Calm		W	2
NNE	1.5	NNW	6	NE	1.5	NNE	2.5	NNE	4	NE	6.5
NbyW	1	Calm		NNE	1.5	N	4	NNE	7.5	NE	5
	0.5		0.6		0.6		1.3		2.4		2.3

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		Midnight.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
SW	3	SW	4	SSE	1	SSE	1	Calm		WSW	2.5	2.8
Calm		SSE	.5	ENE	.5	Calm		Calm		Calm		1.4
SE	1	SE	3	SE	2.5	SE	2.5	SE	1.5	ESE	1.5	1.1
Calm		Calm		Calm		Calm		Calm		Calm		1.5
WSW	4.5	WSW	3	WSW	2.5	Calm		Calm		E	.5	1.4
SSW	2	SW	3.5	N	4	Calm		Calm		Calm		1.2
NE	.5	NE	.5	Calm		Calm		Calm		Calm		1.7
W	2	WSW	6	WNW	4.5	WSW	2.5	WNW	4.5	Calm		2.1
E	.5	E	1.5	ENE	1	ENE	.5	ENE	.5	Calm		1.9
SSE	.5	Calm		Calm		Calm		Calm		Calm		.9
ESE	1.5	E	1	Calm		Calm		Calm		Calm		.5
Calm		E	.5	Calm		Calm		Calm		Calm		.4
Calm		N	.5	Calm		Calm		Calm		NNW	.5	.5
Calm		SE	1	E	.5	ESE	.5	Calm		Calm		.5
ESE	1	SE	1.5	SE	2	ESE	.5	ESE	.5	E	1	.8
Calm		SSE	.5	Calm		Calm		NW	.5	W	1.5	1.5
Calm		Calm		Calm		Calm		Calm		Calm		.5
ESE	2.5	E	1	E	1	Calm		SE	1	Calm		1.1
Calm		Calm		E	1	E	2	ESE	1.5	NNE	1.5	.8
Calm		E	.5	Calm		Calm		Calm		Calm		.7
NNE	1.5	N	1.5	NE	1	Calm		Calm		Calm		.9
Calm		Calm		N	.5	N	.5	NE	1	N	1	.5
Calm		NE	2	E	2	E	1.5	E	1	NE	1.5	.9
ENE	1	E	1.5	E	1	E	1	Calm		Calm		1.5
ESE	2	E	2	ESE	2	ESE	1.5	E	1.5	ESE	.5	1.2
Calm		NE	.5	E	1	Calm		Calm		N	.5	.6
Calm		SE	.5	E	.5	E	.5	Calm		Calm		1
ENE	3.5	Calm		Calm		Calm		NE	.5	Calm		1.1
NE	3	NE	3	ENE	.5	Calm		E	1	NNE	1	1.2
Calm		N	2.5	E	2	NNE	1	E	1	Calm		2.3
NNE	3.5	N	1.5	Calm		E	.5	NNE	2	NNE	5	2.8
	1.1		1.4		1		0.5		0.6		0.6	1.2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	4	2	2	5	4	6.5	6.5	10	6	6	21.5	21.5
2	2.5	3	1.5	3	2	1.5	1.5	2	4	4.5	10	9.5
3	1.5	1	1	.5	3	3.5	3.5	3.5	2	5.5	**13**	12
4	7.5	11	7	5	2	4	4	5	4	7	**29**	21
5	1	1.5	1.5	.5	.5	.5	1	2.5	2.5	2.5	6.5	6
6	.5	0	1	0	1	1.5	1.5	3	4	2	11	9.5
7	.5	.5	1	2.5	4	5	2.5	3	2	7.5	14.5	12.5
8	1.5	3	2	3	2.5	2.5	1.5	.5	1	2.5	6	13.5
9	3	9	11	10.5	10.5	11	7.5	4	1.5	3.5	8	5
10	2	1.5	1	3	3	4.5	2.5	1	4	3	9	**15**
11	.5	.5	2	2	1.5	2.5	2	1.5	1	1	7.5	8
12	0	1	2.5	3	2.5	3	1.5	1.5	1	5	6.5	3.5
13	0	2.5	2.5	1	1.5	.5	1	2	2	3	11	**12**
14	1.5	2	4	1.5	1	1	.5	5	7	9	11.5	11
15	2.5	2	2.5	2	1	2	2	2.5	4.5	5	8	6
16	7.5	4.5	3	5.5	5.5	4	6.5	8	5.5	6	9.5	**14.5**
17	**10**	7	3.5	4.5	4	.5	5.5	4.5	4.5	4	5	5.5
18	1.5	2	0	1	2	3	2	2.5	3	7	12	**13**
19	1.5	2.5	3	5	5	3	3	3	3.5	6.5	10.5	**11.5**
20	6	6	3	5.5	7.5	5.5	5.5	5.5	6.5	2	10	7.5
21	1.5	1.5	3	2	1.5	3	4	4.5	4	4	10	**12**
22	1	1.5	2.5	.5	1	4	2.5	2	6.5	1.5	3	8
23	5.5	7	6	3	3	3	1	2	6	8	6	4.5
24	7	4.5	5.5	3	3	3	2	2	2	4	7	10
25	2	1	2.5	4	4	3.5	1	1	1	4	**17.5**	12.5
26	2.5	1	1	4	5	3	6.5	4.5	3.5	3.5	**13**	8
27	1.5	4	3	3.5	.5	4	6	12	9	5	10	16
28	1.5	2.5	2	2.5	2.5	1.5	0	1.5	2	3.5	9	10
29	1.5	5.5	6	6.5	5.5	1.5	5	.5	.5	3.5	4	6
30	4.5	9.5	8	6	6.5	9	6.5	8.5	11	13	14	24
31	3	6	7	4	7	3	4	5	13.5	16.5	21	22
Mean	**2.7**	3.4	3.3	3.3	3.3	3.4	3.2	3.7	4.1	5.1	10.8	11.3

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	10	10	6	5	5	6	2	3	3	3	2	4	4.9	8	40
2	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0	35
3	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
4	10	10	9	10	10	10	10	10	10	10	10	10	9.9	0	20
5	7	4	3	4	3	4	6	6	3	6	9	7	5.2	9	50
6	8	8	8	10	5	5	3	3	4	6	8	9	6.4	8	35
7	3	3	4	5	7	8	9	10	9	10	10	10	7.3	4	45
8	10	9	8	9	9	9	10	10	10	10	10	10	9.5	2	10
9	10	10	10	10	9	9	9	10	10	10	10	10	9.8	1	20
10	8	8	8	8	9	10	10	10	10	10	10	10	9.2	2	15
11	10	9	10	10	10	10	10	10	10	10	10	10	9.9	0	20
12	9	7	9	10	9	10	7	6	10	10	10	10	8.9	4	35
13	7	5	7	6	8	10	10	10	10	10	10	10	8.6	3	00
14	8	7	7	9	9	9	10	10	10	10	10	10	9.1	2	35
15	8	8	7	9	9	8	8	8	9	9	8	6	8.1	4	40
16	6	5	4	5	5	4	4	6	9	9	9	10	6.3	7	30
17	8	8	9	8	7	9	10	10	10	10	10	9	9	0	10
18	6	4	4	9	5	6	5	5	3	5	4	2	4.8	9	10
19	4	2	2	6	4	9	4	6	7	6	6	1	4.8	7	10
20	2	2	1	5	9	9	10	7	10	5	3	3	5.5	5	50
21	10	8	6	3	5	6	7	5	10	7	7	7	6.8	5	25
22	7	7	9	10	10	10	9	10	9	9	9	8	8.9	**0**	**00**
23	5	5	7	8	9	7	7	9	6	5	4	3	6.2	3	35
24	2	1	2	2	4	5	4	4	4	3	4	2	**3.1**	**10**	**30**
25	3	1	2	4	5	7	6	5	10	8	4	2	4.8	7	55
26	2	2	2	3	3	8	7	8	8	5	5	4	4.8	8	25
27	8	8	7	4	8	8	6	9	9	5	6	7	7.1	5	50
28	5	6	8	8	9	10	10	9	10	10	10	10	8.8	3	15
29	7	10	9	9	8	8	4	6	4	2	1	4	6	6	20
30	3	2	3	5	4	5	3	4	3	2	2	6	3.5	9	25
31	4	4	6	9	8	9	5	7	8	8	9	7	7	7	25
Total														151	35
Mean	6.8	**6.2**	6.4	7.2	7.3	8	7.3	7.6	8	7.5	7.4	7.1	7.2	4	53

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-Mdt.	Mean.
21.5	20	**23.5**	20.5	23	20	13	11	2.5	2	2	8	10.9
13	7	7.5	**28.5**	22.5	7.5	5	1	3.5	2.5	2	3	6.2
5.5	**13**	5.5	6	11	11	6	6	10.5	8.5	6	4.5	6
16	17	15	9.5	5.5	.5	.5	2	1.5	1	2	2	7.5
9	13	14	**18**	16	13	15	10	8	3.5	0	.2	6.2
10.5	12	14	14	**19**	13	10	6	16	9	1	1.5	6.7
12.5	12.5	16.5	20	**31.5**	19	5	5	1	.5	1.5	1.5	7.6
21	20	10	**22**	16	18	14.5	20	15.5	15.5	19	8	10
9	13	**37**	15.5	13	7	3.5	3	3	3.5	1.5	2.5	8.2
8.5	4.5	8	10	9.5	2.5	1.5	2.5	4.5	1	0	.5	4.3
6	9	**14**	1.5	3.5	6	6	3.5	1.5	1.5	1	1.5	3.5
2	5.5	6	**7**	5.5	4.5	4.5	4.5	3	0	2	1	**3.2**
8.5	10.5	4	3.5	1	0	1.5	5.5	.5	.5	1.5	2.5	3.3
9	**13**	6	3	3	3.5	2.5	4.5	6.5	4.5	3.5	1	4.8
5	8.5	8.5	**11.5**	7	7.5	8.5	9.5	9.5	8	5.5	5.5	5.6
14.5	9.5	9	13	10	6.5	1	2.5	1.5	0	4.5	6	6.6
5	7	7.5	3.5	2	2.5	0	0	1.5	.5	.5	2	3.8
10	9.5	9.5	8	5.5	6.5	8.5	7	4.5	1	3	3	5.2
8	9	2.5	5.5	3	5	7	5	6.5	7.5	10	6	5.5
7	4	**11.5**	6	5	2.5	1.5	3	3	3	.5	2.5	5
12	8	7	5	.5	3.5	8	8	6	2	1	2	4.8
10.5	**12**	8.5	5.5	1.5	0	2	.5	1.5	4.5	5	6	3.8
7	4	**14.5**	6	5	3	6	9	6	6	4	4	5.4
16.5	14.5	10	6.5	8.5	9	7	10	6.5	4.5	3	1	6.2
14	11	15	9	0	3.5	7.5	7	7	6.5	5.5	4.5	6
4	6	6.5	0	7.5	8	7	7	2.5	.5	1	1.5	4.5
21	13	14	6.5	13	7.5	4	3	4	4	2.5	0	7
11	8	11	10	18	**19**	12	3.5	3.5	3	3	4	6
13	9	11.5	16	**19**	17	12.5	14.5	8.5	2.5	3.5	3.5	7.4
25	19.5	23.5	20.5	18	16	10	6.5	6	8	2	3	11.6
17	29	**31**	30	22	19.5	20.5	17	5	4	5	17	**13.7**
11.4	11.3	**12.3**	11	10.5	8.5	6.8	6.4	5.2	3.8	3.3	3.6	6.3

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1							2	6		1	6	6					3	262	3.2	3.5
2		1	2	2	2			1			1	1	1	2	1	1	9	148	1	13.4
3				2		2	5			4	1	1		1			8	143.5	**0**	**43.6**
4						1	2	1	2	2	2	3					11	179	1.6	.1
5					1	1				1	1	7	2				11	148	3.2	.6
6	1									1	4	4	1				13	161	2.7	2.5
7			6								1	1	1	4		1	10	182	1.7	10.2
8				2		1				2	2	7	2	2			6	239	2.3	.6
9	4	2		3	2			1		1	1	4	2	1		1	2	196	1.5	2.2
10					2		2	3	1		1			1	1		13	102.5	1.1	15.7
11				1	1	3			2					2	1		14	85	.7	17.8
12				1	2			1	1	2		1					16	**76.5**	1	18.9
13	2											1	1	2		2	16	78.5	1.1	20.6
14		1			1	1	1	1					3	1	1	2	12	115	.7	42.7
15				2	2	10	2										8	134.5	2.9	-----
16		2	5	2	1			1					3	2	2		6	158	2.6	1.4
17		5	1				2			1					2		13	90.5	.6	18.9
18	1				3	1	3						3	2	1		10	125	3.1	-----
19	2	1	2	2	3	1			1			1		3			8	133	2.7	-----
20		2	3	1	1	1		3		1		1					11	120	1.1	7.4
21	4	2	1											1	1	3	12	114	1.9	15.8
22	4		3	1							1		1	1	1		12	91.5	1	.3
23	2		6		3							1			1	1	10	129.5	1.7	1.5
24			4	2	5	1					1	1	1	2	1		6	150	3.4	-----
25	1		1		4	5		1				1	3		1		7	144.5	2	7.1
26	1	3	1	2	1					1		2					13	107	2.9	-----
27	1	4	5	1	2		1										10	167	2.6	.6
28		4	4	1	1						1	1		1			11	144.5	3	-----
29	1	3	8	2	1					1	1		1				6	176.5	3	-----
30	5	6	5	2	2											2	2	278.5	**5.1**	-----
31	4	14	2		1												3	**329**	4.1	-----
Total	33	50	59	29	41	28	20	19	7	18	24	44	25	28	14	13	292	4,709	65.5	245.4
Mean	1.1	1.6	1.9	0.9	1.3	0.9	0.6	0.6	**0.2**	0.6	0.8	1.4	0.8	0.9	0.5	0.4	**9.4**	151.9	2.1	7.9

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	759. 90	10. 00p.	31. 9	2. 10p.	93	24. 3	757. 18	3. 00p.	**24.1**	3. 10a.	65	20. 3
2	59. 80	0. 05a.	31. 7	0. 40p.	**99**	24	57. 10	3. 00p.	23. 7	4. 00a.	78	20. 3
3	58. 70	9. 25p.	**26.4**	1. 10p.	**99**	22. 9	56. 44	3. 05p.	23. 3	8. 35p.	**92**	20. 6
4	60. 05	11. 00p.	29	0. 35p.	96	23. 4	57	3. 50a.	22. 7	4. 25a.	82	20
5	60. 35	10. 00p.	31. 5	1. 50p.	96	24	57. 80	3. 30p.	23. 3	6. 00a.	65	20. 3
6	60. 30	0. 05a.	31. 9	2. 05p.	97	24	56. 40	3. 55p.	23. 3	5. 20a.	62	20. 2
7	60. 05	9. 35p.	31. 7	11. 35a.	97	24. 2	56. 80	3. 50p.	22. 3	5. 20p.	72	20
8	59. 07	10. 00a.	30. 7	10. 55a.	97	23. 7	57. 25	3. 40p.	22. 5	1. 55a.	74	20. 5
9	59. 50	9. 35a.	31	11. 55a.	96	23. 7	57. 60	2. 15p.	**24.1**	12 m. n.	73	**21.1**
10	60. 95	9. 00p.	30. 6	11. 55a.	97	23. 9	58. 08	3. 00p.	23. 3	6. 00a.	78	20. 3
11	61. 07	9. 00a.	29. 7	0. 55p.	97	22. 3	58. 80	1. 55p.	23. 5	5. 45a.	75	19. 7
12	61	9. 30a.	31	3. 35p.	97	22. 5	58. 85	2. 45p.	22. 8	6. 05a.	69	20. 4
13	61. 05	9. 40p.	30. 1	11. 45a.	97	22. 8	58. 20	3. 50p.	21. 6	5. 45a.	75	18. 9
14	61	9. 35a.	29. 8	11. 40a.	98	23. 5	59	4. 25a.	22. 7	6. 05a.	76	20. 3
15	61. 85	9. 35a.	31. 7	2. 55p.	98	22. 6	58. 60	3. 10p.	22. 9	5. 20a.	64	19. 3
16	61. 15	9. 50p.	31. 8	3. 35p.	95	22. 6	58. 30	1. 45p.	22. 4	5. 25a.	69	19
17	61. 55	9. 20a.	29. 9	11. 25a.	98	22. 6	59. 44	4. 00p.	23. 3	11. 25p.	77	20. 2
18	**62.15**	9. 35a.	32. 0	3. 55p.	97	23. 2	**59.60**	2. 50p.	21. 9	11. 55p.	60	17. 9
19	61. 80	8. 35a.	31. 7	3. 35p.	91	22. 8	59	3. 40p.	**21**	4. 40a.	68	**17**
20	61. 24	9. 00a.	31. 4	9. 40a.	97	22. 5	59. 05	4. 15p.	21. 7	6. 00a.	64	18. 2
21	61. 10	8. 55a.	31. 8	3. 05p.	**99**	**24.6**	58. 43	3. 00p.	22. 7	5. 15a.	66	20
22	60. 80	10. 00a.	30. 2	1. 20p.	98	23. 5	58. 65	3. 30p.	22. 9	3. 55a.	78	20. 2
23	61. 05	9. 10a.	30. 8	1. 40p.	94	23. 9	58. 65	5. 00p.	23	12 m. n.	70	19. 2
24	60. 75	11. 10p.	32. 8	3. 25p.	95	22. 4	57. 46	3. 00p.	21. 7	5. 40a.	59	18. 6
25	61. 20	9. 25a.	32. 4	2. 50p.	97	24. 3	58. 61	3. 00p.	21. 6	5. 25a.	67	18. 4
26	61. 62	8. 00a.	31. 8	1. 45p.	**99**	22. 6	57. 85	3. 30p.	21. 5	6. 00a.	64	18. 9
27	60. 95	9. 35a.	32	1. 45p.	98	22. 8	58. 15	3. 35p.	21. 8	5. 25a.	66	18. 2
28	60. 70	8. 40a.	32. 4	2. 35p.	92	22. 1	57. 70	2. 45p.	22. 5	6. 10a.	63	18. 2
29	60. 55	9. 00a.	32. 7	2. 55p.	90. 5	23. 5	57. 59	3. 00p.	22. 4	4. 50a.	61	18. 2
30	59. 95	0. 05a.	**33.5**	1. 55p.	**90**	**21.5**	56. 35	3. 25p.	22. 7	6. 30a.	**52**	18. 7
31	**57.50**	9. 05a.	32. 4	1. 45p.	**90**	22	**54.75**	3. 20p.	23. 4	4. 05a.	59	19
Mean	760. 60	--------	31. 2	--------	96	23. 2	757. 89	--------	22. 7	--------	69. 1	19. 4

DAILY GENERAL REMARKS.

1----≡°, d in the morning; < NE in the evening; ● at night.
2----● in the early morning and afternoon.
3----≡ a.; ● in the forenoon and during the afternoon and night.
4----≡° a; d° in the morning and afternoon.
5----≡, ●° in the early morning; < N quad. in the evening.
6----≡° a; ⌒ in the afternoon; coloration of upper clouds, [< N quad. in the evening; ● at night.
7----≡ a; thundershowers in the afternoon; < various points in the evening.
8----≡^{2}, ⌓ a.; T° NE, ●° in the afternoon.
9----d°, ○, in the morning; [<° NNE in the afternon; ●° in the afternoon and night.
10----Thundershowers in the afternoon; ● at night.
11----≡ a; thundershowers in the afternoon.
12----≡° a; ● in the forenoon and afternoon; [< NE in the afternoon.
13----≡ a; coloration of upper clouds at sunrise; T° SE and NW quad. in the afternoon; ● in the afternoon and night.
14----≡° a; ●^{2} in the afternoon.
15----⌓, ≡° a; < N quad. in the evening.
16----≡° a; [<° NE quad., T° W in the afternoon; ●°, < NNW in the evening.
17----≡ a; ● in the afternoon; < NNW in the evening.
18----≡° a.
19----≡° a.
20----≡° a; ● in the afternoon.
21----≡ a; thundershowers in the afternoon; coloration of clouds at sunset.
22----≡° a; d° in the morning and afternoon; [<° E in the afternoon.
23----≡, ⌓°, ● in the morning.
24----≡° a.
25----≡ a; ● in the afternoon.
26----≡° a; d° in the afternoon.
27----≡° a; p° in the afternoon.
28----≡° a; coloration of clouds at sunset.
29----≡, d° in the morning.
30----Somewhat gusty NEly winds in the morning and afternoon.
31----d° in the forenoon; somewhat gusty NNE winds in the forenoon and afternoon; coloration of upper clouds at sunset; [<° E at night.

OBSERVATIONS FOR NOVEMBER, 1910.

ATMOSPHERIC PRESSURE, 700^{mm}+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	55.25	54.95	54.60	54.30	54.60	55.79	55.76	**56.64**	56.39	55.98	55.34	755.13
2	55.35	54.95	**54.45**	54.50	**54.45**	55.26	56.16	56.99	57.39	57.33	56.99	56.38
3	58.75	58.35	58.05	58.15	58.45	58.90	59.32	59.49	**59.98**	59.93	59.29	58.67
4	59.05	58.80	58.40	58.40	58.60	59.14	59.46	59.99	60.98	**61.23**	60.75	59.60
5	59.75	59.30	59	59	59.10	59.59	59.85	60.34	**60.72**	60.39	59.94	59.64
6	59.55	59.55	59.30	59.05	59	59.33	59.72	60.05	**60.27**	60.06	59.74	59.08
7	59.70	59.35	59.05	59	59.15	59.52	60	60.46	**60.64**	60.38	59.95	59.62
8	59.40	59.15	58.70	58.70	59.05	59.55	59.90	60.24	**60.29**	60.23	59.90	59.32
9	58.90	58.75	58.45	58.35	58.45	58.93	59.25	59.48	**59.71**	59.59	58.97	58.42
10	57.65	57.40	57.05	57.05	57.05	57.43	57.81	58.14	**58.27**	58.17	57.64	56.93
11	57.30	56.90	56.90	57	57	57.39	57.84	57.86	58.08	58.04	57.34	56.35
12	57.35	57.15	56.80	56.80	57.30	57.66	58.25	58.51	**58.90**	58.84	58.42	58.01
13	57.55	57.10	56.95	57.05	57.35	57.57	58.15	58.42	**58.86**	58.44	58.14	57.29
14	55.60	55.45	54.65	54.30	54.75	55.09	55.40	55.62	55.97	**56.16**	55.47	54.37
15	55.75	55.55	55.35	55.40	55.50	56.69	57.20	57.26	57.41	57.53	57.14	56.49
16	57.65	57.20	57	57.05	57.10	57.35	57.86	58.11	58.34	58.03	57.58	57.33
17	58.45	57.80	57.35	**57.10**	57.25	57.80	58.37	58.84	59.33	**59.42**	59.03	58.61
18	59.15	59.10	58.95	59	59.15	59.66	60	60.33	**60.40**	60.27	59.71	59.30
19	58.95	58.65	58.60	58.55	58.65	59.25	59.55	59.82	60.06	**60.07**	59.37	58.49
20	58.55	58.10	58.30	58.25	58.20	58.63	59.03	59.38	**59.52**	59.22	58.93	58.47
21	58.15	57.90	57.55	57.65	57.65	58.01	58.51	59	**59.12**	58.79	58.41	58.06
22	56.85	56.20	56.10	55.80	55.55	55.80	56.06	56.26	56.31	55.61	54.42	52.93
23	56.60	56.30	56.05	56.55	56.90	57.65	58.13	58.56	**58.85**	58.51	58.06	57.42
24	58.10	58.05	58.05	57.95	58.15	58.47	58.99	**59.54**	**59.54**	59.39	59.02	58.30
25	58.65	58.30	58.25	58.25	58.25	58.46	58.94	59.20	59.45	59.33	58.97	58.27
26	59.40	59.15	58.80	58.55	58.45	58.88	59.31	59.78	**60.04**	60.01	59.64	59.65
27	59.45	59.65	59.65	59.60	59.55	60.15	60.05	60.68	**60.69**	60.54	59.96	59.38
28	59.55	58.85	58.65	58.60	58.70	58.88	59.40	59.65	**59.73**	59.62	59.26	58.90
29	58.65	58.30	58.10	58	58.40	58.55	58.99	59.54	**59.89**	**59.89**	59.72	59.54
30	58.80	59	58.80	58.80	59.10	59.56	59.83	60.36	**60.45**	60.35	60.12	59.52
Mean	58.13	57.84	57.60	57.56	57.70	58.16	58.57	58.95	**59.19**	59.04	58.57	57.98

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	25	25.2	24.8	24.9	24.9	24.5	25.3	25.6	27.6	29.5	**31**	27.8
2	24.8	26	26	26.6	26.9	27.2	27.3	27.1	27.4	28	28.8	28.8
3	24.2	24.1	24.2	24	24	**23.9**	24.9	26.9	28	28.8	28.9	28.3
4	24.7	24.6	24.7	24.5	24.6	24.5	25	25.3	24.6	24.5	24.8	27.7
5	24.1	23.7	23.4	23.3	23.1	23.3	25.2	26.7	27.3	29	28.9	26.4
6	22.7	22.5	22.5	22.6	**22.3**	**22.3**	23.8	26.5	27.9	28.8	29.3	28.5
7	22.8	22.5	22.4	22.3	22.2	**21.8**	23.2	26.5	28.3	28.4	29.8	27.6
8	24.4	23.9	23.7	**23.5**	23.7	23.8	24.8	25.1	28.5	28.3	29.3	30.3
9	24.8	24.5	24	23.6	23.6	**23.3**	23.8	25.9	28.5	29	29.8	30.5
10	24.4	24.4	24.4	24.4	**24.2**	**24.2**	25.7	28.4	27.8	28.8	30	30.1
11	24.5	24.3	24.3	24	23.8	**23.7**	25.2	26.8	27	28.2	29.7	29.3
12	24.4	24.3	24.2	23.9	23.3	23.6	23.5	24.8	25.1	26	26.8	25.9
13	**22.5**	22.9	22.8	23	23.3	23.4	23.8	24.5	25.4	26.9	27.5	**28.6**
14	22.8	22.5	**22.3**	22.5	22.6	22.7	23.5	24.4	24.8	24.6	25.2	27.2
15	25.1	24.9	24.3	23.6	**23.3**	23.5	24.7	27.7	29.3	30	30.6	31.1
16	24.7	24.4	24	23.8	23.8	23.4	24.8	27.7	30.2	**30.8**	29.7	30.3
17	**22.2**	22.3	22.4	22.5	22.4	22.3	22.3	22.6	22.9	24.7	24.3	25.9
18	24.4	24	24	24	23.9	24	24	24.9	27.8	27.7	28.4	28.2
19	24.3	23.8	23.7	23.5	23.6	23.4	23.4	**23.2**	23.5	25.2	27.4	27.5
20	23.5	**23.1**	**23.1**	**23.1**	**23.1**	23.2	23.2	25.9	27.6	29.3	**29.6**	27.4
21	23.8	23.7	**23.6**	23.7	**23.6**	**23.6**	24.2	25	26	27	27.8	28.1
22	23.6	23.3	23	23.3	**23.8**	22.9	22.2	22.3	21.2	**21.1**	21.4	22.1
23	23.1	**22.9**	23	23.2	23.6	23.6	24.5	25.6	27.7	28.9	29.7	**30.7**
24	25.3	24.8	24.8	24.8	24.5	**24.4**	25.6	27.6	28.7	29.6	27.6	28.7
25	24.4	23.9	23.6	23.3	23	**22.9**	23.8	26.9	27.1	27.9	**29.9**	29.6
26	23.5	23.5	22.8	22.7	**22.4**	22.5	23.3	24.7	26.1	27.5	28	25.8
27	22.7	22.7	22.7	22.6	22.5	**22.4**	23.3	24.6	25.1	26.4	26.7	27.5
28	22.8	22.4	22.5	22.1	22.6	**22**	23.1	24.2	25.4	29	28.6	28.4
29	23.9	23.8	23.6	23.4	23.6	23.6	24.4	24.8	26	26.4	26.1	25.3
30	23.8	23.8	23.6	23.3	22.5	22.6	23	25.3	27	28.2	27.1	28.2
Mean	23.9	23.8	23.6	23.5	23.5	**23.4**	24.2	25.6	26.7	27.6	28.1	28.1

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
54.70	53.99	**53.85**	53.99	54.20	54.62	54.87	55.70	55.90	56	55.50	55.40	55.14
56.12	55.69	55.72	56.07	56.95	57.78	58.08	59.15	**59.60**	**59.60**	**59.60**	59.15	56.82
57.99	57.54	**57.29**	57.39	57.84	58.13	58.80	59.40	59.60	59.85	59.60	59.40	58.76
58.89	58.04	57.62	**57.59**	58.04	58.45	59.07	59.85	60.25	60.30	60.15	59.95	59.28
58.85	58.39	**57.90**	58.19	58.60	59.07	59.49	60.10	60.20	60.10	60.15	59.85	**59.48**
58.63	58.10	**58**	**58**	58.20	58.54	59.04	59.70	59.95	60.10	60.05	59.85	59.29
58.88	**58.12**	58.14	58.29	58.51	58.79	59.23	59.65	59.85	59.90	59.75	59.55	59.40
58.24	57.61	**57.47**	57.56	57.85	58.26	58.77	59.10	59.55	59.50	59.50	59.10	59.04
57.44	56.44	**56.22**	56.42	57.09	57.08	58.01	59.25	59	58.80	58.65	58.20	58.33
56.36	55.39	**55.27**	55.56	56.20	56.98	57.47	58.05	58	58	58	57.70	57.23
55.67	55.08	**55.04**	55.31	56.19	56.68	57.47	58.05	**58.15**	58.10	58	57.75	57.06
57.19	**56.60**	56.69	56.74	57.10	57.20	57.66	58	58.10	58.30	58.10	57.85	57.65
56.65	56.18	55.88	**55.79**	55.99	56.26	56.20	56.45	56.90	56.85	56.70	56.25	57.04
53.83	53.22	**52.91**	53.06	53.42	53.73	54.38	55.20	55.30	55.30	55.75	55.60	**54.77**
55.81	55.22	**54.99**	**54.99**	55.45	55.74	56.42	57.10	57.60	57.65	57.75	**57.90**	56.41
56.99	**56.53**	56.54	56.73	57	57.44	58.14	59.15	59.60	**59.70**	59.30	59.10	57.78
57.80	57.44	57.24	57.16	57.22	57.59	58.09	58.75	58.95	59.15	59.30	59.40	58.23
58.52	57.72	**57.53**	57.80	58.04	58.35	58.81	59.35	59.65	59.65	59.55	59.20	59.14
57.84	**57.61**	**57.61**	57.69	57.79	58.35	58.50	58.95	59.05	58.95	58.90	58.70	58.75
57.91	57.53	**57.21**	57.45	57.81	57.94	58.42	58.90	59.15	59.20	58.80	58.65	58.48
57.60	56.85	**56.59**	**56.59**	56.80	56.96	57.33	57.80	57.85	57.75	57.55	57.35	57.74
52.88	52.03	**51.56**	51.68	52.32	53.22	54.80	56.20	56.50	57.20	**57.30**	56.90	55.02
56.69	56.11	**55.82**	56.09	56.42	57.02	57.43	58	58.40	58.45	58.55	58.50	57.38
57.44	56.84	**56.54**	56.89	57.57	57.93	58.77	59.10	59.40	59.40	59.35	59.15	58.41
57.57	57.24	**57.14**	57.19	57.53	57.88	58.29	58.90	59.30	59.40	59.70	**59.75**	58.51
58.76	58.04	**57.82**	57.95	58.19	58.46	58.66	59.50	59.65	59.75	59.65	59.65	59.07
58.66	57.93	**57.82**	**57.82**	58.07	58.44	58.99	59.45	59.50	59.70	59.70	59.60	59.38
58.66	58.03	**57.57**	57.64	57.79	58.11	58.61	59	59.35	59.35	59.05	58.90	58.82
58.62	58.23	58.09	57.89	**57.75**	57.89	58.34	58.80	59	59.35	59.30	59.10	58.75
58.62	58.02	**57.85**	57.92	58.27	58.60	59.03	59.55	59.80	60.05	60	59.80	59.26
57.33	56.73	**56.53**	56.64	57.01	57.38	57.91	58.54	58.77	58.85	58.78	58.58	58.01

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
27.8	27.5	28.5	26.1	24.9	24.1	**24**	24.1	24.5	**24**	24.1	24.8	25.9
28.9	28.7	27.3	27	26.2	24.9	24.7	24.7	24.6	24.7	24.7	**24.3**	26.5
31.6	30	29.4	29.7	28.2	26.8	26	25.9	25.8	25.6	25.5	25.3	26.7
28	**29**	27.4	27.4	27.2	26.1	25.4	24.9	25.6	25.1	24.6	**24.3**	25.6
30.3	28.1	**30.7**	28	28	26.2	25.2	24.5	24	23.4	23	**22.8**	25.8
28.9	**29.8**	26.5	25.9	26	25.2	24.9	24.6	24.2	23.9	23.5	23.1	25.3
30.4	31.2	**31.5**	29.4	28.2	27	26.1	25.4	25.2	25.1	25.1	24.7	26.1
30.4	30	**30.8**	**30.8**	28.6	26.7	26.2	25.9	25.7	25.5	25.4	25	26.7
30.7	30.9	**31.5**	31	28.8	27.9	27.7	25.6	25.3	25.2	25.1	24.5	26.9
30.7	28.8	29.2	30	29.3	24.7	24.3	25.2	25.2	25.2	25	24.8	26.6
29.8	30.6	**31.2**	30	27.6	24.6	24.5	24.4	24.2	24.1	24.2	24.1	26.3
26.7	**27.7**	26.1	25	24.3	24.1	24.1	23.6	23.3	23.2	22.9	**22.7**	24.6
28.2	28.2	28.3	27.5	26.7	26	25.3	25.1	25.2	25.1	23.9	23.5	25.3
27.4	27.8	**27.9**	27.1	25.2	24.5	24.6	24.7	25.4	25.1	25.6	25.4	24.8
31.3	**31.8**	31.4	30.3	28.7	27	26.6	26.2	25.9	25.2	24.7	24.6	**27.2**
30.2	30	30	28.8	26.7	25.6	25.1	23.3	22.7	22.8	22.5	**22.4**	26.2
25.7	**26**	25.4	25.5	25.3	24.9	24.8	24.8	24.6	24.6	24.5	24.5	24.1
29	27	27.3	26.2	25.2	24.4	24.2	24.1	24	23.8	**23.6**	23.8	25.3
27.8	27.1	27	27	26.4	25.5	24.5	24.4	23.9	23.9	23.9	23.9	24.9
27	26.6	27	25.6	25.5	25.1	24.9	24.7	24.5	24.3	24.1	24.1	25.2
28.1	**28.4**	28	27.8	27	25.2	24.8	23.9	23.7	24	24	23.7	25.4
21.9	22.1	23.6	23.7	23.3	23.1	23	23	23	22.9	22.9	22.9	**22.7**
30.7	**30.7**	**30.7**	28.7	27.7	26.9	26.4	26.3	26.1	25.6	25.6	25.5	26.6
30.5	30.1	29.8	29.1	27.9	26.5	26.2	26.1	25.5	25.2	24.8	24.6	26.8
29.1	29.8	29.6	28.1	26.6	25.3	24.2	24.1	23.6	23	23.4	23.5	25.7
27.5	27.8	**28.3**	27	26.3	24.7	24.3	23.7	23.7	23.1	22.5	22.4	24.8
28.2	**29.4**	28.6	28.4	27.5	26	24.7	24.4	23.5	23.1	22.9	22.8	24.9
26.2	27.8	**29.2**	27.5	25.4	25.3	25.1	24.7	24.5	24.5	24.4	24.1	25.1
27.1	26.4	26.1	25.9	25.2	24.5	24	23.5	23.6	23.4	**23.2**	23.3	24.6
28.9	**29**	28.8	28	26.9	25.5	24.5	24	23.2	22.7	22.5	**22.3**	25.2
28.6	**28.6**	**28.6**	27.8	26.7	25.5	25	24.7	24.5	24.2	24.1	23.9	25.6

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	85	83	87	86	85	89	88	84	77	72	**69**	79
2	83	75	75.5	71	70	**68**	70	74	76	75	72	71
3	93	93	94	**95**	94	**95**	92	83	81	79	74	78
4	94	95	95	95	95	95	94	89	93	**96**	**96**	87.5
5	91	92	93	**94**	**94**	93	89	81	76	71	71	82
6	89	89	89	89	90	90	85.5	80	77	75.5	**68**	74
7	97	**98**	97	96	96	**98**	96	83	72	71	66	73
8	92	**95**	**95**	**95**	**95**	**95**	92	91	74	76	76	70
9	93	95	95	97	97	**99**	95	88.5	77	76	73	71
10	92	92	92	92	92	93	92	77	80	78	77	77
11	95	95	94	95	**96**	**96**	92.5	82	82	77	72.5	74
12	92	92	91	92	**96**	94	94	92	88	85	80	82
13	**92**	89	89	88	85	85	82	79	76	72	69	64
14	92	94	95	94	**96**	**96**	94	91	90	93	90	85
15	84	85	88	92	**93**	91	88	72	67	**61**	62	62
16	91	92	94	94	93	**96**	91	80	68	69	71	71
17	**96**	**96**	**96**	**96**	**96**	**96**	95	95	94	**87**	95	89
18	92	92	93	93	94	94	95	94	84	81	78	**77**
19	90	93	94	95	94	95	**97**	**97**	**97**	93	**78**	**78**
20	90	92	93	91	92	90	91	83	79	**72**	**72**	79
21	**97**	95	95	93	93	93	91	92	85	78	74	68
22	80.5	81	79	79	**75**	80	89	85	88	87	92	96
23	**97**	96	96	96	93	92	90	85	76	71	73	69
24	92	92	92	92	**93**	**93**	**93**	84	82	79	85	80
25	91	93	94	**95**	**95**	94	93	83	85	79	68	70.5
26	90	89	91	92	93	92	90	86	82	78.5	**74**	85
27	**95**	**95**	**95**	**95**	**95**	**95**	94	89	85	76	78	73
28	88	88	87	88	89	92	90	87	84	**69**	70	71
20	**98**	**98**	**98**	**98**	97	97	94	87	86	**82**	87	92
30	96	95	96	**97**	**97**	**97**	**97**	89	80	69	74	74
Mean	91.6	91.6	92.1	92.2	92.1	**92.4**	91.1	85.4	81.4	77.6	76.2	76.7

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	20	19.9	20.2	20.1	19.9	20.3	21.2	20.6	21.1	22	**22.9**	22
2	19.4	18.7	18.8	18.5	18.5	**18.3**	19	19.7	20.6	21.1	21.2	20.8
3	20.9	**20.8**	21.1	21	**20.8**	20.9	21.6	21.7	22.7	23.3	21.9	22.3
4	21.8	21.8	21.9	21.7	21.8	21.7	22.1	21.4	21.4	21.9	22.3	**24.1**
5	20.2	20.1	19.9	20	19.7	19.8	21.2	21.1	20.5	21.1	20.9	20.9
6	18.3	**18.1**	**18.1**	18.2	**18.1**	**18.1**	18.7	20.6	21.4	22.2	20.6	21.4
7	20.1	19.9	19.6	19.3	19.2	**19.1**	20.2	21.4	20.5	20.4	20.6	20.1
8	21	20.9	20.6	**20.4**	20.6	20.8	21.5	21.5	21.4	21.7	22.9	22.5
9	21.7	21.7	21	20.9	20.9	21.1	**20.8**	22	22.2	22.5	22.8	**23**
10	21	21	21	21	20.7	20.9	22.5	22.3	22.2	22.8	24.4	**24.6**
11	21.7	21.4	21.2	21	20.9	20.8	22	21.4	21.7	22	22.4	22.3
12	21	20.9	20.5	20.3	20.3	20.3	20.2	**21.5**	20.9	21.3	20.8	20.4
13	18.6	18.4	18.5	18.3	18.1	18.1	**18**	18.1	18.3	18.9	18.9	18.7
14	19	19	**18.9**	19	19.5	19.6	20.2	20.8	20.9	21.4	21.4	22.8
15	20	19.9	19.9	19.9	19.8	19.6	20.4	19.9	20.3	**19.3**	20.1	21
16	21	21	20.8	20.6	20.4	20.4	21.1	22	21.7	22.6	22	**22.7**
17	19.2	19.3	19.4	19.4	19.4	19.3	**18.9**	19.3	19.5	20.2	21.4	22.2
18	21	**20.4**	20.7	20.7	20.7	20.8	21	22	23.2	22.3	22.4	22
19	20.3	20.4	20.5	20.4	20.3	20.3	20.6	20.4	21	22.2	21	21.2
20	19.3	19.4	19.5	**19.1**	19.4	**19.1**	19.3	20.6	21.5	21.9	22.1	21.4
21	21.2	20.6	20.5	20.2	20.1	20.1	20.5	**21.6**	21.1	20.7	20.6	19
22	17.4	17.2	16.6	16.7	16.4	16.6	17.8	17	16.5	**16.2**	17.4	18.9
23	20.3	**19.8**	19.9	20.2	20.1	19.9	20.5	20.8	20.9	21.1	22.7	22.5
24	21.9	21.3	21.3	21.3	21.3	21.2	22.8	22.9	23.9	**24.5**	23.3	23.5
25	20.6	20.5	20.3	20.1	19.8	19.5	20.4	22	**22.7**	21.9	21.3	21.7
26	19.3	19.1	18.8	18.9	18.7	**18.6**	19.2	19.8	20.5	21.4	20.9	21.1
27	19.4	19.4	19.4	19.3	19.2	19.1	20	20.4	20.1	19.6	20.3	19.8
28	18.1	17.6	17.6	**17.5**	18	18	19	19.6	20.2	20.4	20.3	20.4
29	21.6	21.5	21.3	21	21.1	20.9	21.3	20.3	21.5	20.9	21.8	21.9
30	20.9	20.8	20.7	20.5	19.7	19.8	20.3	21.4	21.1	19.6	19.7	20.9
Mean	20.2	20	20	**19.8**	**19.8**	**19.8**	20.4	20.8	21	21.2	21.4	21.5

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
81	81	78	83	92	94	**95**	94	88	90	89	84	84.7
71	73	79	80.5	82	88	90	90	91	90	90	**92**	79
68	74	72	71	83	88	89	89	89	91	91	93	85.4
84	**78**	86	85	**78**	81	84	85	83	86	89	90	88.9
70	77	**67**	70	70	78	79	82	81	84	88	89	81.8
72	71	86	89	91	93	94	96	**97**	**97**	**97**	**97**	86.5
65	**63**	65	73	77	80	82	84	84	85	91	92	82.7
70	72	70	**68**	78	88	90	91	92	93	93	94	85.2
70	69	**66**	67	72	79	81	88	90	90	90	92	83.8
73	80	76	**68**	76	88	90	88	92	92.5	93	**94**	85.2
71	68.5	**66**	73	75	88	91.5	91	92	92	92	92	85.1
77	**68.5**	78	84	91	93	93	94	92	93	93	92	88.6
65	**63**	72	75	73	77	81	83	83	84	89	91	79.4
84	88	**77**	78	86	89	88	86	81	83	82	83	88.1
61	62	63	66	75	80	80	83	85	89	91	91	**78**
61	65	65	67	76	78	83	92	94	94	**96**	**96**	82.4
90	90	91	88	91	91	93	92	92	92	92	91	**92.7**
78	86	85	89	93	96	**97**	**97**	**97**	**97**	96	93	90.5
78	83	83	83	87	88	91.5	93	88	88	88	88	89.1
86	89	86.5	93	93	93	**95**	93	94	94	**95**	**95**	88.8
69	**66**	72	74	75	84	83	89	89	85	83	82	83.5
97	**99**	94	96	97	97	98	97	96	96	96	96	90.4
67	68	69	78	84	86	89	87	88	91	91	91	84.3
75	77	**75**	76	82	88	89	85	88	89	89	91	85.9
73	69	**58**	63	74	80	85	83	83	88	87	89	82.2
78.5	79	78	80.5	85	92	88	90	92	93	**96**	95	87.1
69	73	73	**69**	73	78.5	84	83	85	87	88	88	84
83	79	76	76	85	85	85	87	87	94	96	**97**	84.7
85	86	88	89	92.5	92	93	96	96	96	97	95	92.5
67	69	72	77	84	83	87	88	92	94	94	94	85.9
74.6	75.5	75.6	77.6	82.4	86.5	88.3	89.2	89.4	90.6	91.4	91.6	85.5

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
22.4	22	22.6	20.9	21.4	21	21	21	20.1	19.9	19.8	**19.6**	20.9
20.9	**21.4**	21.3	21.3	20.6	20.6	20.8	20.8	20.8	20.8	20.8	20.9	20.2
23.6	23.4	22.1	21.9	**23.6**	23	22.3	22.2	22	22.1	22	22.2	22.1
23.5	23.1	23.3	23	21	20.3	20.2	**19.9**	20.2	20.4	20.4	20.3	21.6
22.3	21.8	22.1	19.7	19.7	19.7	18.8	18.6	18.1	**17.9**	18.3	18.5	20
21.3	22.2	22	22.2	**22.7**	22.2	22	22	21.8	21.3	21	20.3	20.6
21	21.3	**22.4**	22.2	22	21.1	20.5	20.3	20.1	20.1	21.5	21.4	20.6
22.7	22.7	**23**	22.4	22.7	22.9	22.8	22.6	22.5	22.4	22.5	22.1	22
22.9	22.8	22.9	22.3	21.2	21.9	22.3	21.4	21.5	21.4	21.3	21.1	21.8
23.9	23.4	23	21.4	23.1	20.4	**20.3**	21.1	21.8	22	22	21.9	22
22.2	22.3	22.4	**22.9**	20.5	**20.3**	20.9	20.6	20.7	20.6	20.7	20.6	21.4
20.1	**18.9**	19.5	19.8	20.5	20.8	20.8	20.3	19.6	19.7	19.3	**18.9**	20.3
18.4	18.1	**20.7**	20.4	19	19.2	19.5	19.8	19.9	20	19.6	19.6	19
22.9	**24.3**	21.4	20.8	20.5	20.3	20.3	19.8	19.6	19.8	20	19.9	20.5
20.6	21.6	21.6	21.2	**21.8**	21.1	20.7	21	21	21.2	21	20.8	20.6
19.5	20.6	20.5	19.8	19.8	**19.1**	19.6	19.6	19.2	19.3	19.4	19.2	20.5
22.1	**22.5**	21.9	21.4	21.8	21.2	21.7	21.3	21.2	21.1	21.1	20.7	20.6
23.3	22.7	22.9	22.4	22.2	21.7	21.7	21.5	21.6	21.2	20.7	**20.4**	21.6
21.6	**22.3**	21.9	21.9	**22.3**	21.3	20.9	21.2	19.4	19.4	19.4	19.4	20.8
22.7	**23**	22.9	22.5	22.4	22.1	22.2	21.5	21.5	21.2	21.2	21.2	21.1
19.4	19.1	20.3	20.6	20	20.1	19.2	19.6	19.3	18.8	18.4	**17.9**	20
19	19.6	20.3	**20.8**	20.5	20.3	20.5	20.2	19.9	19.8	19.8	19.8	**18.6**
21.8	22.2	22.5	22.7	**23.1**	22.8	22.7	22.1	22.1	22.1	22.1	22	21.5
24.3	24.3	23.5	22.7	23	22.6	22.4	21.4	21.4	21.2	**20.7**	20.8	**22.4**
21.8	21.4	**17.7**	**17.7**	19.2	19.1	19	18.5	18	18.3	18.6	19.1	20
21.4	22	**22.3**	21.3	21.6	21.2	19.9	19.5	20.1	19.5	19.4	19.1	20.2
19.6	**22.2**	21.1	19.9	20	19.6	19.5	18.9	18.4	18.3	18.2	**18.1**	19.6
21	22	**22.8**	20.8	20.6	20.4	20.1	20	19.8	21.5	21.7	21.7	20
22.7	22	22.1	22.2	22	21.1	20.7	20.6	20.7	20.4	20.4	**20.1**	21.3
19.7	20.4	21.2	21.7	**22.1**	20.1	20	19.5	19.5	19.2	19	**18.8**	20.3
21.6	**21.9**	21.8	21.4	21.4	20.9	20.8	20.6	20.4	20.4	20.3	20.2	20.7

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Ci.-S.	-----	-----	-----	A.-Cu.	E	Ci.	-----	Ci.-S.	-----	-----	-----
2	Ci.-S.	-----	-----	-----	-----	-----	-----	-----	-----	-----	Ci.-S.	-----
3	Ci.-S.	-----	Ci.-Cu.	-----	A.-Cu.	-----	A.-Cu.	-----	A.-Cu.	SE	-----	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	A.-Cu.	-----
5	Ci.-Cu.	-----	A.-Cu.	-----	A.-Cu.	-----	Ci.	-----	-----	-----	-----	-----
6	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.-S.	-----	Ci.-S.	-----
7	-----	-----	A.-Cu.	-----	Ci.-Cu.	-----	-----	-----	A.-Cu.	E	-----	-----
8	Ci.	-----	A.-Cu.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----
9	Ci.	-----	A.-Cu.	-----	A.-Cu.	-----	Ci.-S.	-----	-----	-----	-----	-----
10	A.-Cu.	S	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-Cu.	-----	Ci.-S.	-----
11	Ci.	-----	Ci.-S.	-----	Ci.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----
12	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
13	-----	-----	-----	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----
14	-----	-----	-----	-----	-----	-----	-----	-----	A.-Cu.	ESE	Ci.-S.	-----
15	Ci.	-----	Ci.-S.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----
16	Ci.	-----	Ci.	-----	Ci.	-----	-----	-----	-----	-----	Ci.-S.	-----
17	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
18	A.-Cu.	-----	A.-Cu.	SE	A.-Cu.	SE	A.-Cu.	SE	-----	-----	-----	-----
19	-----	-----	-----	-----	Ci.-S.	-----	-----	-----	Ci.-S.	-----	-----	-----
20	A.-Cu.	-----	Ci.-Cu.	ENE	Ci.-S.	E	Ci.-S.	-----	Ci.-S.	-----	-----	-----
21	Ci.-S.	-----	-----	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----
22	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
23	Ci.-S.	-----	A.-Cu.	ESE	A.-Cu.	ESE	A.-Cu.	ESE	Ci.-S.	-----	Ci.-S.	-----
24	A.-Cu.	E	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----	Ci.	-----
25	A.-Cu.	EbyN	A.-Cu.	EbyN	A.-Cu.	-----	A.-Cu.	EbyN	A.-Cu.	-----	A.-Cu.	EbyN
26	Ci.	ESE	Ci.-S.	ESE	Ci.-S.	ESE	Ci.-S.	-----	A.-Cu.	-----	-----	-----
27	-----	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	-----	-----
28	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	A.-Cu.	ESE	A.-Cu.	-----
29	Ci.-S.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
30	Ci.-S.	-----	Ci.	-----	Ci.-S.	-----	Ci.	-----	-----	-----	Ci.-S.	-----

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	S.-Cu.	-----	Cu.-N.	EbyN	Cu.	-----	Cu.	-----	Cu.	-----	Cu.-N.	-----
2	Cu.-N.	-----	Cu.-N.	SE	Cu.-N.	SE	S.-Cu.	-----	S.-Cu.	-----	Cu.	-----
3	Cu.-N.	-----	Cu.	-----	Cu.	E	Cu.	E	Cu.	-----	Cu.	-----
4	Cu.-N.	ESE	Cu.-N.	ESE	N.	-----	N.	-----	Cu.-N.	-----	S.-Cu.	-----
5	S.-Cu.	-----	Cu.	E	Cu.	E	Cu.	-----	N.-cf.	-----	Cu.-N.	-----
6	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	EbyN
7	S.-Cu.	-----	Cu.	-----	Cu.	-----	Cu.	E	Cu.	E	Cu.-N.	-----
8	S.-Cu.	-----	S.-Cu.	SE	S.-Cu.	SE	N.-cf.	SE	N.-cf.	-----	Cu.-N.	-----
9	Fr.-Cu.	-----	Cu.	-----	Cu.	E	Cu.	E	Cu.	-----	Cu.	-----
10	Cu.	-----	Cu.	NNE	N.-cf.	NNE	N.-cf.	-----	Cu.-N.	-----	Cu.-N.	-----
11	Cu.	-----	Cu.	NE	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----
12	N.	-----	N.	-----	Cu.-N.	-----	Cu.-N.	-----	Cu.-N.	-----	N.	-----
13	S.-Cu.	-----	S.-Cu.	-----	S.-Cu.	-----	N.-cf.	ENE	N.-cf.	-----	N.-cf.	-----
14	N.	-----	Cu.-N.	-----	Fr.-N.	E	N.	NbyE	Cu.-N.	NbyE	Cu.	E
15	S.-Cu.	-----	S.-Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----
16	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	ESE	Cu.	ESE	Cu.	-----
17	Cu.-N.	ESE	Cu.	ESE	Fr.-N.	SEbyE	Cu.-N.	ESE	Fr.-N.	ESE	Cu.-N.	ESE
18	Cu.-N.	ESE	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	E	Fr.-N.	-----
19	N.	E	N.	-----	Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	Cu.	E
20	S.-Cu.	E	Cu.	-----	Cu.	ENE	Cu.	ENE	Cu.	EbyN	N.-cf.	ENE
21	Fr.-N.	NE	Fr.-N.	NE	S.-Cu.	NEbyE	S.-Cu.	NEbyE	S.-Cu.	NE	S.-Cu.	NE
22	N.	NNE	N.	-----	N.	-----	N.	NWbyN	N.	NNW	N.	-----
23	S.-Cu.	SE	S.-Cu.	-----	S.-Cu.	-----	S.-Cu.	SE	S.-Cu.	SE	S.-Cu.	-----
24	Cu.	SE	Cu.	-----	Cu.	EbyS	Cu.	EbyS	Cu.	EbyS	Cu.	EbyS
25	S.-Cu.	-----	Cu.	-----	S.-Cu.	E	Cu.	ENE	N.-cf.	ENE	Cu.	-----
26	Cu.	-----	Cu.	-----	Cu.	ENE	S.-Cu.	-----	Cu.-N.	ENE	N.	-----
27	Cu.	ESE	S.-Cu.	ESE	N.-cf.	E	Cu.	E	Cu.	E	N.-cf.	EbyN
28	Cu.	-----	S.-Cu.	E	Cu.	E	Cu.	-----	Cu.	-----	Cu.-N.	-----
29	S.-Cu.	ESE	S.-Cu.	ESE	S.-Cu.	-----	S.-Cu.	-----	Cu.-N.	NEbyN	N.	-----
30	Cu.	-----	Cu.	E	Cu.	E	Cu.	E	Cu.-N.	E	Cu.-N.	-----

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
		Ci.-S.									
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.					
Ci.-S.		A.-Cu.		A.-Cu.		A.-Cu.		Ci.-S.		A.-Cu.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.			
						A.-Cu.		A.-Cu.		A.-Cu.	
		Ci.-S.				Ci.-S.		Ci.-S.		A.-Cu.	
A.-Cu.		A.-Cu.		Ci.-S.		A.-Cu.				A.-Cu.	
		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		A.-Cu.		Ci.-S.			
		A.-Cu.				A.-Cu.	EbyN				
Ci.-S.		Ci.		Ci.		Ci.		Ci.-S.			
				Ci.-S.		Ci.					
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.			
		Ci.-S.		Ci.-S.		Ci.-S.		Ci.			
		A.-Cu.		A.-Cu.		A.-Cu.	ESE	A.-Cu.	ESE	Ci.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		A.-Cu.	SEbyE	Ci.-S.		Ci.-S.		Ci.-S.	
						A.-Cu.	EbyN	Ci.-Cu.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
								Ci.		Ci.-S.	
Ci.		Ci.		Ci.		Ci.-S.		Ci.-S.			
Ci.-S.		Ci.-S.		A.-Cu.		A.-Cu.		Ci.-S.			
		Ci.-S.				Ci.-S.		Ci.-S.		Ci.-S.	
Ci.	SE	Ci.-S.	SE	Ci.-S.	SEbyE	Ci.-S.	SEbyE	Ci.-S.	SEbyE	Ci.-S.	

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.-N.	NEbyE	Cu.-N.	NEbyE	N.	ENE	Fr.-N.		N.		N.	
Cu.		Cu.-N.		Cu.-N.	SE	Cu.-N.	SE	N.		N.	
Cu.-N.		Cu.-N.	E	Cu.	E	N.-cf.	E	Cu.-N.		Cu.	
Cu.-N.		S.-Cu.		Fr.-Cu.		S.-Cu.	ESE	S.-Cu.	ESE	S.-Cu.	
Cu.-N.	E	Cu.-N.		N.-cf.	E	Cu.	E	Cu.		Cu.	
N.-cf.	EbyN	Cu.-N.	E	Cu.-N.		Cu.-N.		Cu.		Cu.	
Cu.-N.	E	Cu.-N.	E	N.-cf.	E	Cu.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.	ESE	Cu.		Cu.	ESE	Cu.		Cu.	
Cu.		Cu.		Cu.-N.	E	Cu.-N.	E	Cu.-N.		Cu.-N.	
Cu.-N.		Cu.		Cu.-N.	NNE	Cu.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.		Cu.		Cu.-N.		Cu.-N.		Cu.-N.	
N		S.-Cu.		N.		N.		Fr.-N.	NEbyE	Fr.-N.	
N.-cf.		N.-cf.		S.-Cu.	NE	S.-Cu.	NE	Fr.-N.		S.-Cu.	
N.		N.-cf.		N.-cf.	EbyS	Fr.-N.		N.	SE	Fr.-N.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.	ESE	Cu.-N.	ESE	Cu.	ESE	Cu.	SEbyE	Cu.	SE	Cu.-N.	
Fr.-N.	NNE	Fr.-N.	SSE	Cu.-N.	ESE	Cu.-N.		Cu.-N.		N.	
N.-cf.	E	N.-cf.	E	Cu.-N.	NE	Cu.		Cu.		Cu.	
Cu.-N.	E	N.		Cu.-N.	E	Cu.-N.	E	Cu.	ENE	Cu.	
Fr.-N.	ENE	S.-Cu.	EbyN	S.-Cu.	EbyN	S.-Cu.	ENE	Fr.-N.	ENE	S.-Cu.	
Cu.-N.	ENE	Cu.	EbyN	Cu.		Cu.	E	Cu.		Cu.	
N.	NbyW	N.	NbyW	N.	NNW	N.	NNW	N.		N.	
Cu.	SE	Cu.	SE	Cu.	SE	Cu.-N.	SE	Cu.		Cu.	
Cu.-N.	E	Cu.	E	Cu.-N.	E	Cu.		Cu.		Cu.	
N.-cf.	NNE	N.-cf.	NNE	Cu.-N.	NEbyN	Cu.-N.		Cu.-N.		S.-Cu.	
Cu.-N.		Cu.	ENE	Cu.-N.	E	Cu.-N.	E	Cu.	E	Cu.	
N.-cf.	EbyN	Cu.	EbyN	Cu.-N.	E	Cu.	E	Cu.-N.	E	Cu.	
Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.	EbyN	Cu.-N.	EbyN	Cu.-N.	
Cu.-N.		Cu.-N.	E	N.-cf.	E	N.-cf.	EbyN	S.-Cu.		Cu.	
Fr-Cu.	NE	N.-cf.	NE	Fr.-Cu.	NE	Fr.-Cu.	NE	S.-Cu.		Cu.-N.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	NE	1.5	NNE	1	NNE	2.5	N	2	NNE	2.5	NE	1
2	ENE	2	E	4	E	3	E	5	E	5	ESE	4
3	N	.5	Calm	--------	N	1	N	1	N	1	NNE	2
4	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
5	Calm	--------	Calm	--------	Calm	--------	NNE	.5	Calm	--------	Calm	--------
6	Calm	--------	Calm	--------	Calm	--------	N	1	NE	1	Calm	--------
7	Calm	--------	N	.5	N	1	N	.5	Calm	--------	Calm	--------
8	NE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NNE	2
9	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
10	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NE	.5	Calm	--------
11	Calm	--------	N	1	NE	1	NE	1	NE	.5	Calm	--------
12	N	1.5	N	3	N	2.5	N	3.5	NNW	4	NNW	1.5
13	N	1.5	NW	3	N	2	N	2.5	NW	2.5	NNW	4
14	NNW	6	NNW	4.5	NWbyN	7.5	NNW	6.5	NNW	8	NNW	5
15	E	3	ESE	4	ESE	1	ESE	1.5	ENE	1.5	ESE	1.5
16	Calm	--------	Calm	--------	Calm	--------	NNE	.5	NE	.5	Calm	--------
17	NNW	6	NNW	5	NNW	5	NNW	6.5	NNW	6.5	NNW	6
18	Calm	--------	NNW	1.5	NNW	.5	NNW	2.5	NNW	2	NNW	1
19	NNW	2.5	NNW	3.5	NNW	3	NNW	4.5	NNE	4	Calm	--------
20	NE	1.5	NE	.5	Calm	--------	NW	1	NNW	1.5	NEbyN	1.5
21	Calm	--------	Calm	--------	NNE	1	NNE	1	N	.5	Calm	--------
22	NNW	3.5	NNW	3.5	NNW	3	NNW	2	NNW	4.5	NNW	1.5
23	SE	1	Calm	--------	SE	1.5	E	1.5	E	2	Calm	--------
24	E	.5	NE	1	Calm	--------	Calm	--------	NE	1	Calm	--------
25	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NNE	.5
26	N	1	NE	1	Calm	--------	N	1.5	NE	2	NbyE	1
27	Calm	--------	NNE	1	Calm	--------	NNE	1	Calm	--------	EbyS	3
28	NE	.5	N	.5	NE	1	Calm	--------	NE	.5	Calm	--------
29	Calm	--------	Calm	--------	Calm	--------	Calm	--------	ESE	1	Calm	--------
30	Calm	--------	E	1	Calm	--------	Calm	--------	Calm	--------	N	.5
Mean	------------	1.1	------------	1.3	------------	1.2	------------	1.6	------------	1.8	------------	1.2

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	NNE	1.5	NNE	3	NbyE	3	NNE	3.5	NNE	3.5	NE	3
2	ESE	7.5	ESE	3	EbyS	3	E	4	E	2	E	3
3	SE	3.5	N	5	NNW	4.5	Calm	--------	Calm	--------	ESE	1.5
4	NNW	2	WNW	.5	WNW	2	Calm	--------	Calm	--------	Calm	--------
5	Calm	--------	NNW	3	N	4	NE	1.5	NE	1	ENE	1.5
6	W	2	SW	2	NE	1.5	Calm	--------	Calm	--------	Calm	--------
7	WNW	2.5	NW	3	WNW	3	NW	2.5	Calm	--------	Calm	--------
8	WNW	2	WNW	2	WNW	2	WNW	1.5	N	1	Calm	--------
9	WSW	1	WSW	1	W	2.5	W	3	W	4	SW	2.5
10	WSW	3	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NW	2.5
11	WSW	4	WSW	3	W	2	SSW	1.5	NE	6	ESE	1
12	Calm	--------	NNE	7	NbyE	5	NNE	2	Calm	--------	Calm	--------
13	NNE	4	N	2.5	N	1.5	N	1	NNE	2	N	.5
14	NNW	4	NNE	4	E	3	ENE	4.5	E	3	E	2.5
15	ESE	3	ESE	3.5	ESE	4	ESE	1.5	Calm	--------	Calm	--------
16	E	5	ESE	2.5	NE	1.5	NNE	4	NNE	1.5	NNE	1
17	NNE	1	NNE	3	NNW	3	NNW	2.5	NNW	2.5	NNW	.5
18	NNW	2.5	NE	2	Calm	--------	Calm	--------	Calm	--------	SE	2
19	WSW	3	Calm	--------	SE	2	Calm	--------	Calm	--------	Calm	--------
20	NNW	3	NWbyN	4.5	NNW	2.5	Calm	--------	NNW	4.5	NNE	1.5
21	NbyE	2.5	NNE	4	NNE	3	Calm	--------	Calm	--------	Calm	--------
22	NNW	8	NWbyN	8	NWbyN	7	NNW	4	SE	2	SE	4.5
23	SE	3	SE	5	SSE	4.5	SE	5	SE	3	SE	3
24	WNW	1.5	W	1	Calm	--------	Calm	--------	Calm	--------	Calm	--------
25	WNW	1	Calm	--------	ESE	4	EbyS	2	ESE	2	ESE	1.5
26	NNE	2	Calm	--------	SW	3	NW	1.5	Calm	--------	NNE	1.5
27	WNW	1	WSW	.5	W	1	E	2.5	NE	2	ENE	1
28	NbyE	1	NW	3	NNW	3.5	NNE	3	NNE	1.5	NNE	.5
29	Calm	--------	Calm	--------	SE	1	Calm	--------	Calm	--------	Calm	--------
30	Calm	--------	WSW	1.5	Calm	--------	Calm	--------	NNW	.5	NNE	1
Mean	------------	2.5	------------	2.6	------------	2.6	------------	1.7	------------	1.4	------------	1.2

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
NbyW	2	N	4	N	5.5	N	7.5	NE	5	NEbyE	1
E	5	ESE	4	E	2	ESE	1.5	SEbyE	2.5	ESE	1.5
NNE	1	NNW	1.5	WSW	2	WbyN	2.5	W	1	W	2
NE	1	Calm	--------	NE	1.5	Calm	--------	Calm	--------	NW	1.5
Calm	--------	Calm	--------	ENE	.5	ENE	.5	Calm	--------	ENE	1
NE	1.5	Calm	--------	SW	1	W	2.5	NW	1.5	NW	2
Calm	--------	Calm	--------	SW	1.5	WSW	2.5	WNW	4	WNW	2.5
Calm	--------	Calm	--------	SW	1.5	W	2	NW	3	WNW	4
E	1	Calm	--------	Calm	--------	WSW	1.5	WSW	2.5	WSW	3
Calm	--------	Calm	--------	W	1	WNW	2	NW	2	WNW	3
Calm	--------	Calm	--------	NNE	1	Calm	--------	NNE	1	W	3
NNW	1	Calm	--------	NNW	2.5	NNW	2	NNW	3.5	N	2.5
NNW	6	NNW	7	NNW	4	NNW	4.5	NNW	3.5	NWbyN	4.5
NNW	6.5	N	4	NNW	8.5	N	6.5	N	10.5	N	11
Calm	--------	ESE	1.5	EbyS	3.5	ESE	4.5	ESE	3.5	ESE	6
Calm	--------	Calm	--------	ESE	1.5	Calm	--------	WNW	1.5	W	2.5
NNW	5	N	2.5	N	2	Calm	--------	Calm	--------	N	1
Calm	--------	N	2.5	N	2	Calm	--------	WSW	2	W	2.5
NNE	2	NNE	1.5	Calm	--------	Calm	--------	SW	1	W	3.5
N	.5	NNE	2.5	NE	1	E	2.5	W	2.5	WSW	3.5
Calm	--------	Calm	--------	NE	1	NE	3.5	NE	3	NNE	5.5
NNW	1.5	NNW	1.5	NNW	6	NNW	4	NNW	5.5	NWbyN	6.5
ESE	3	ESE	2.5	EbyS	2	ESE	2	ESE	3.5	SE	3
Calm	--------	NE	1.5	Calm	--------	NNE	1	WNW	3.5	NW	1.5
NNE	1	Calm	--------	Calm	--------	Calm	--------	W	2.5	W	1
NbyE	1.5	NE	2	Calm	--------	NE	1.5	NNE	4	NE	1.5
Calm	--------	Calm	--------	Calm	--------	SSW	2	SSW	1.5	W	3
NbyE	1	NNE	1.5	NE	.5	Calm	--------	NE	.5	WNW	1.5
Calm	--------	NE	1.5	ENE	1.5	Calm	--------	Calm	--------	NbyW	2.5
NbyE	.5	Calm	--------	NW	1.5	Calm	--------	Calm	--------	Calm	--------
------------	1.4	------------	1.4	------------	1.8	------------	1.9	------------	2.5	------------	2.9

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		Midnight.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm	--------	Calm	--------	E	1.5	ENE	4	NE	0.5	NE	4	2.6
Calm	--------	Calm	--------	Calm	--------	SE	1	NE	2.5	N	2	2.8
Calm	--------	Calm	--------	Calm	--------	Calm	--------	NE	.5	Calm	--------	1.3
Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	.4
E	1	E	1.5	SE	1	SE	1	Calm	--------	Calm	--------	.8
Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	ENE	.5	.7
NE	2	NE	2	E	1.5	SE	1.5	Calm	--------	NW	.5	1.3
NNE	1	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	.9
SWbyW	6	SE	2	Calm	--------	S	3	Calm	--------	Calm	--------	1.4
Calm	--------	W	.5	NW	1	Calm	--------	Calm	--------	Calm	--------	.6
Calm	--------	Calm	--------	Calm	--------	N	1	Calm	--------	N	1	1.2
Calm	--------	Calm	--------	Calm	--------	Calm	--------	N	.5	N	1	1.8
N	2	N	1.5	N	2	N	3	NNW	2	NW	4.5	3
E	5	E	3	ESE	8	ESE	5	ESE	7	ESE	6.5	5.8
ESE	2	SE	2.5	SE	.5	Calm	--------	ESE	.5	ESE	1	2.1
Calm	--------	NNE	3.5	NNW	1.5	Calm	--------	NNW	3	NNW	4.5	1.4
Calm	--------	Calm	--------	NNW	1	Calm	--------	Calm	--------	NNW	1	2.5
Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	1
Calm	--------	N	1.5	N	1	NNE	2	NE	1.5	NE	1.5	1.6
NEbyN	1	NE	1.5	NE	1	NE	.5	NE	.5	Calm	--------	1.6
NNE	2	NNE	1.5	Calm	--------	NNW	2	NNW	2	NNW	3	1.5
SE	9	SE	5	E	2	SE	1	SE	1	E	2.5	4
SE	.5	E	.5	E	1	SE	1	Calm	--------	E	.5	2
SE	1	ESE	1	Calm	--------	NE	1	Calm	--------	Calm	--------	.6
Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	.6
NNE	1.5	NNE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	1.1
Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NNE	.5	.8
NE	1.5	NE	1	SE	2.5	SE	1	Calm	--------	Calm	--------	1.1
Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	.3
NE	1.5	NE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	.4
------------	1.2	------------	1	------------	0.8	------------	0.9	------------	0.7	------------	1.2	1.6

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	13	9	14.5	14.5	18.5	8.5	13	14.5	16.5	21	**31**	15.5
2	11.5	18.5	21	22	27	21	**28**	20	13	9	15	18
3	6	2.5	3.5	4	3	7	6	4	4	9	12	8.5
4	0	0	1	1	0	2	2	4	5	3	3	7.5
5	1	1	.5	3.5	1	2.5	6	3	5.5	6.5	6.5	9.5
6	1.5	2	1	5	7	5	6.5	9	1.5	6	**10**	8.5
7	5	3	3	3.5	2	1.5	1.5	1	4.5	4	10.5	9
8	4.5	3	2.5	1	5	5.5	4	3.5	1	8.5	**18**	12.5
9	0	2	0	0	3	2.5	2.5	0	1	5	13	9
10	1.5	1	1	0	1	1	0	2.5	2.5	8	10.5	14.5
11	.5	2.5	5	5	3.5	.5	0	3	6	5.5	6	9
12	7	6	10	9	15.5	9.5	8	3	11	14	18.5	20
13	5.5	8	5	11.5	11.5	13	18	**20**	17	19	19	18
14	20	20.5	23	27	27	20.5	24	22	31	24.5	26	**32**
15	18	13	9	2.5	6	8.5	5.5	7	15.5	17	16	**19**
16	3	3	2	3	5	3	4	3	4	7	11	13
17	17	14	13	14	**19**	14	18	13	11	5	5.5	6.5
18	1.5	5.5	5.5	11.5	10	9	8	11	10	5.5	7	11
19	6.5	10	9	**12**	**12**	10	1.5	9.5	1.5	.5	3	8
20	5.5	2.5	1.5	3	6.5	10.5	8.5	**12**	9	4	7	8
21	1.5	2	3.5	5.5	4	3	5.5	4	3.5	6	16	24
22	11	11	12	12	16	13.5	4.5	8.5	11.5	20	**31.5**	31
23	8	3	6.5	8	8.5	7	8.5	11.5	13	13	15	**17**
24	5	6	4	.5	2.5	6	1	5.5	4	2.5	**12**	**12**
25	2	0	.5	0	0	0	2	.5	1	1.5	4.5	6.5
26	1.5	2.5	1	4.5	5.5	8.5	7.5	9.5	6.5	3.5	9.5	**15.5**
27	1.5	3.5	4	3	1.5	4.5	5	2.5	2.5	4	7	**11**
28	3.5	4	5.5	5.5	3	5	6	6	9	5	4	11
29	1	1	1	0	3	3	2	2.5	3.5	2	1.5	**4.5**
30	3	2	4.5	2.5	.5	4.5	**7**	3	4.5	6.5	6.5	3
Mean	5.6	5.4	5.8	6.5	7.6	7	7.1	7.3	7.6	8.2	11.9	**13.1**

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	8	10	7	9	8	10	10	10	10	10	10	10	9.3	1	30
2	9	10	10	10	10	10	10	10	10	10	10	10	9.9	**0**	**00**
3	8	3	5	7	8	8	8	8	7	8	9	9	7.3	6	45
4	9	10	10	10	10	8	7	7	6	6	4	2	7.4	1	30
5	6	8	8	7	9	10	10	7	8	4	4	6	7.2	5	40
6	7	7	7	8	8	9	8	5	10	8	5	7	7.4	5	15
7	5	4	2	4	8	10	8	7	8	9	10	10	7.1	8	05
8	8	10	9	10	10	8	5	5	6	7	8	8	7.8	8	00
9	5	9	9	5	4	4	5	4	4	5	7	6	5.6	7	45
10	3	9	10	8	6	6	6	7	7	7	10	10	7.4	7	25
11	9	8	8	7	7	6	5	6	7	9	10	8	7.5	7	30
12	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
13	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
14	10	10	10	10	10	7	7	10	10	10	10	10	9.5	1	20
15	3	2	2	4	4	3	3	3	3	2	3	3	**2.9**	**9**	**45**
16	4	2	3	3	6	8	9	9	10	10	6	10	6.7	5	15
17	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
18	9	9	9	8	6	10	9	7	8	8	7	3	7.8	4	55
19	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0	25
20	5	5	6	6	7	10	10	9	9	7	8	5	7.2	3	35
21	10	10	10	9	10	10	9	8	9	10	10	10	9.6	**0**	**00**
22	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
23	10	10	10	9	6	6	6	6	7	10	9	10	8.2	6	00
24	7	7	6	7	7	8	8	6	7	9	8	9	7.4	8	10
25	6	7	9	10	9	8	7	9	10	10	10	10	8.8	5	10
26	9	10	10	9	10	10	10	6	8	10	6	9	8.9	2	20
27	7	9	8	9	8	9	8	10	9	9	9	4	8.2	4	40
28	9	7	10	7	8	10	9	9	8	9	10	8	8.7	3	20
29	9	10	10	10	10	10	10	10	10	10	10	10	9.9	0	05
30	7	8	7	8	9	8	6	7	9	8	8	8	7.8	3	55
Total														118	20
Mean	**7.7**	8.1	8.2	8.1	8.3	**8.5**	8.1	7.8	8.3	**8.5**	8.4	8.2	8.2	3	57

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-Mdt.	Mean.
10.5	12.5	13.5	12	15	12	3.5	4.5	10	20.5	7	16.5	13.6
19	16	17	15	13	15	8.5	2.5	0	3.5	6.5	9	14.5
7.5	**15**	10.5	7	.5	4	4.5	2.5	3	1	2	0	5.3
9.5	6	6.5	5	4	2	2	1	1.5	3	.5	1	2.9
4	10	10	**13**	11	6.5	4.5	6	6	6	3	.5	5.3
9.5	5.5	7.5	3	1	0	0	1	.5	0	0	2.5	3.9
9.5	**12.5**	10	9.5	9.5	4	12	8	6.5	6.5	1	1.5	5.8
12.5	12	13.5	11	7.5	2	4	0	1	0	.5	1.5	5.6
8	10	8	11	13	12.5	**13.5**	8	3	2.5	2.5	.5	5.4
8	4	2	4	5	**16**	2	4.5	5	3.5	1	0	4.1
12	**12.5**	11	10	9	6.5	3	3	.5	2.5	3	1	5
9	**23**	20.5	13.5	5	1	2	.5	2.5	1	3	4.5	9
20	14.5	8.5	6	9.5	10	7.5	5	6	9	9	8	11.6
25	17	15	16	15	18	16	15	20	19	22	21	**21.5**
18	13.5	13.5	10	8.5	7.5	9	9.5	8.5	3	0	4	10.1
15	12	13	10	13	8	6	10	13	3	6	**16**	7.8
11	6	11	11	7.5	5.5	2.5	1	3	3.5	2	2	9
8	**17**	12	1	1.5	1.5	.5	0	1	0	0	2	5.8
9	5.5	3.5	1.5	0	.5	.5	2	5	6.5	6	6	5.4
6	**12**	11	3	9	5	1	5	6	7	4	1.5	6.2
25	21	19	13	11.5	4.5	5	5	3.5	3	8.5	9	8.6
22	18	25	17.5	6.5	12	19	23	12	6	4	7	14.8
17	14	**17**	14	10	8.5	6.5	6	4	6	3	2	9.5
11	7.5	5.5	7	1.5	0	.5	1	3	4	3	1.5	4.4
12	6.5	**12**	9.5	7	3	1.5	1	2.5	1	0	3.5	3.2
8	4	3	7	5	3	7	5	2	1.5	1.5	2	5.2
7	7.5	6.5	4	7.5	6.5	3	3.5	1.5	2	3.5	3	4.4
6.5	5.5	7	13	**14**	9.5	7.5	7	7	7	2	0	6.4
4.5	2.5	3	3	1	1	2	.5	2.5	1.5	2.5	1	**2.1**
6.5	6.5	2.5	1	4	4.5	6.5	**7**	2	3	1	1	3.9
11.7	11	10.6	8.7	7.5	6.3	5.4	4.9	4.7	4.5	**3.6**	4.3	7.3

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	5	8	6	2	1												2	32.7	2.5	3.7
2	1		1	1	9	7	2										3	34.9	2	18.4
3	5	2	1			1	1					1	2	1		2	8	12.7	2.2	
4			2											2	1	1	18	70.5	.9	9.4
5	1	1	2	4	2		2									1	11	127	2.4	1
6	1		3	1							2		2		2		13	93.5	1.5	.8
7	3		2		1		1				1	1		4	3		8	139	2.8	
8	1	2	1								1		1	5	1		12	134.5	2.8	
9					1		1		1		1	6	3				11	130.5	2.6	2.8
10			1									1	2	2	3		15	98.5	2.1	4.6
11	3	2	4			1				1		2	2				9	120.5	1.6	3
12	7	3														6	8	217	.9	7.1
13	11	2													3	8		278.5	2	3.2
14	4	1		1	5	4										9		**516.5**	2.1	29.6
15				1	1	16	2										4	242	**3.9**	
16		5	2		1	2							1	1		3	9	186	2.4	8.6
17	3	2														13	6	216	.2	6.6
18	2		1				1					1	1			6	12	140	.9	**32.9**
19	2	4	2				1				1	1	1			4	8	129.5	1.2	10.4
20	1	2	9		1							1	1		1	5	3	148.5	.9	2.6
21	1	8	3													3	9	206.5	2.7	.2
22					2		6									16		354.5	**0**	31.9
23					5	5	10	1									3	227	3	.1
24		1	4		1	1	1						1	2	1		12	106.5	2.4	.4
25		2				4							2	1			15	78	2.7	
26	2	7	5								1				1		8	124.5	1.3	.4
27		3	1	1	1	1				2		1	2	1			11	105.5	1.9	.6
28	1	6	7				2							1	1	1	5	153.5	1.5	.8
29	1		1	1		1	1										19	**50**	.5	2.5
30	1	2	2		1							1			1	1	15	93	1.8	3.1
Total	56	63	60	12	32	43	31	1	1	3	7	16	21	20	18	79	257	5,290	55.7	184.7
Mean	1.9	2.1	2	0.4	1.1	1.4	1	0	0	0.1	0.2	0.5	0.7	0.7	0.6	2.6	8.6	176.3	1.9	6.2

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	756. 70	8. 40a.	31. 7	11. 05a.	95	22. 9	753. 35	2. 25p.	23. 8	10. 40p.	69	19. 6
2	59. 70	10. 35p.	29. 7	11. 30a.	**92**	21. 4	54. 30	2. 55a.	**23. 9**	11. 55p.	68	18. 3
3	60. 05	9. 15a.	**33. 2**	1. 20p.	95	23. 6	57. 15	2. 35p.	23. 2	6. 05a.	68	**20. 8**
4	**61. 35**	9. 45a.	30. 7	1. 50p.	96	24. 1	57. 45	3. 45p.	23. 2	11. 55p.	78	19. 9
5	60. 72	9. 00a.	31. 6	2. 45p.	94	22. 3	57. 90	3. 00p.	21. 8	5. 35a.	67	17. 9
6	60. 30	8. 55a.	31. 7	2. 50p.	97	22. 7	57. 80	2. 45p.	21. 4	5. 15a.	68	18. 1
7	60. 64	9. 00a.	32. 4	2. 15p.	98	22. 4	**58. 10**	3. 10p.	21. 5	5. 50a.	63	19. 1
8	60. 40	9. 15a.	32	3. 20p.	95	23	57. 45	2. 50p.	23	3. 55a.	68	20. 4
9	59. 71	9. 00a.	32. 3	2. 55p.	**99**	23	56. 22	3. 00p.	22. 8	6. 10a.	66	**20. 8**
10	58. 27	9. 00a.	32. 2	3. 40p.	94	**24. 6**	55. 20	2. 35p.	23. 8	5. 35a.	68	20. 3
11	58. 30	9. 40a.	31. 8	3. 10p.	96	22. 9	55	2. 30p.	23. 2	6. 05a.	66	20. 3
12	58. 95	9. 15a.	28. 9	2. 20p.	96	21. 5	56. 60	2. 00p.	22. 4	11. 55p.	68. 5	18. 9
13	58. 90	9. 05a.	29	0. 35p.	**92**	**20. 7**	55. 79	4. 00p.	21. 9	1. 40a.	63	18
14	**56. 30**	0. 05a.	28. 9	2. 15p.	96	24. 3	52. 85	3. 15p.	21. 7	3. 05a.	77	18. 9
15	58	11. 25p.	32. 7	1. 30p.	93	21. 8	54. 95	2. 55p.	22. 9	5. 15a.	61	19. 3
16	59. 75	9. 45p.	31. 9	0. 40p.	96	22. 7	56. 50	3. 15p.	22. 1	11. 55p.	61	19. 1
17	59. 70	9. 30a.	27	1. 25p.	96	22. 5	57. 05	3. 30a.	21. 8	6. 35a.	**87**	18. 9
18	60. 45	8. 55a.	30. 5	11. 30a.	97	23. 3	57. 53	3. 00p.	23. 5	11. 30p.	77	20. 4
19	60. 30	9. 35a.	29. 1	0. 15p.	97	22. 3	57. 55	1. 55p.	23	7. 30a.	78	19. 4
20	59. 52	9. 00a.	30. 8	11. 15p.	95	23	57. 21	3. 00p.	22. 9	6. 25a.	72	19. 1
21	59. 20	9. 10a.	28. 8	2. 20p.	97	21. 6	56. 55	3. 15p.	23	5. 30a.	66	17. 9
22	57. 30	11. 00p.	**24. 5**	5. 15a.	**99**	20. 8	**51. 45**	2. 50p.	**20. 4**	10. 30a.	75	**16. 2**
23	58. 90	9. 05a.	31. 8	0. 50p.	97	23. 1	55. 82	3. 00p.	22. 3	2. 35a.	67	19. 8
24	59. 65	8. 30a.	32. 3	3. 25p.	93	24. 5	56. 54	3. 00p.	23. 7	6. 15a.	75	20. 7
25	59. 95	11. 25p.	31. 4	2. 15p.	95	22. 7	57. 10	2. 40p.	22. 2	5. 20a.	**58**	17. 7
26	60. 15	9. 15a.	30. 1	2. 50p.	96	22. 3	57. 75	3. 30p.	21. 8	5. 05a.	74	18. 6
27	60. 85	8. 15a.	30. 4	2. 15p.	95	22. 2	57. 70	2. 40p.	22	6. 20a.	69	18. 1
28	59. 80	8. 40a.	30. 6	3. 15p.	97	22. 8	57. 40	3. 15p.	21. 4	6. 05a.	69	17. 5
29	59. 95	10. 05a.	28. 5	0. 35p.	98	22. 7	57. 65	4. 45p.	22. 8	3. 55a.	82	20. 1
30	60. 50	9. 30a.	30. 2	2. 20p.	97	22. 1	57. 80	3. 30p.	21. 4	5. 35a.	67	18. 8
Mean	759. 48	--------	30. 6	--------	95. 8	22. 7	756. 39	--------	22. 5	--------	69. 8	19. 1

DAILY GENERAL REMARKS.

1----⌒° a; d a. p.
2----● at night.
3----≡^{2} a.
4----d, ● in the morning.
5----≡°, ●° in the morning.
6----○° a; p° 2.50 p.
7----≡° a; coloration of lower clouds at sunset.
8----≡° a.
9----≡° a; [< SE, < NW quad., ● in the evening.
10----[< NE quad. in the afternoon; slight thundershowers in the evening.
11----[<° E and NW quad., p in the evening.
12----Some rain in the morning; d in the afternoon.
13----Somewhat gusty NNW winds in the morning; ● at night.
14----Frequent rain or drizzle, especially in the early morning with somewhat gusty NNW winds veering to ESE.
15----Somewhat gusty ESE winds at noon.
16----≡° a; ● at night.
17----●, d in the morning and afternoon.
18----⌒ a; ●^{2} in the early morning; ● in the forenoon and afternoon; [< S 3.20 p.
19----● a; d° 2 p.
20----≡ a; d, ● p.
21----≡° a; d in the early morning; coloration of clouds at sunset.
22----≡ a; ● in the morning and afternoon; somewhat gusty NWly winds in the afternoon and evening.
23----d at night.
24----d in the early morning; convergence of cirrus toward E in the morning; [< N in the afternoon.
25----≡° a.
26----≡° a; ●° in the afternoon.
27----≡, d in the morning.
28----≡° a; ●° in the afternoon.
29----≡° a; ● in the forenoon; intense coloration of clouds at sunset.
30----≡^{2}, ● in the morning.

OBSERVATIONS FOR DECEMBER, 1910.

ATMOSPHERIC PRESSURE, 700^{mm}+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.40	59	59	59.05	59.45	59.83	60.21	**60.41**	60.35	60.17	59.84	59.24
2	59.35	59.10	58.95	59.05	59.10	59.49	59.87	60.57	**60.89**	60.81	60.49	60.01
3	59.35	58.50	58	57.90	58.15	58.10	58.82	59.31	59.29	59.50	58.81	58.50
4	59.05	58.55	58.45	58.25	58.20	58.50	58.95	59.35	59.72	59.58	59.40	58.97
5	60.45	60.45	60.15	60.20	60.65	60.73	61.21	61.63	**61.73**	61.67	61.07	60.61
6	60.95	60.70	60.70	61	61.30	61.46	61.99	**62.30**	62.29	62.03	61.40	60.88
7	59.80	59.45	59.15	59.30	59.45	59.71	60.09	60.64	**60.82**	60.57	60.23	59.58
8	58.95	58.80	58.65	58.80	59	59.27	60.02	60.48	**60.55**	60.50	60.17	59.41
9	59	58.90	58.85	59	59.30	59.60	60.16	**60.61**	60.58	60.40	59.94	59.29
10	58.85	58.90	58.70	58.70	58.85	59.23	59.72	60.40	**60.46**	60.32	60.11	59.60
11	59.60	59.40	59.20	59.30	59.55	60.03	60.53	61.03	**61.14**	61.02	60.57	59.99
12	59.60	59.30	58.75	59	59	59.27	59.77	60.31	60.44	60.42	60.03	59.00
13	59.45	58.80	58.85	58.75	58.90	59.14	59.33	59.98	**60.49**	60.14	59.79	59.15
14	59.10	58.85	58.25	58.20	58.20	58.60	59.02	59.54	**59.71**	59.59	59.45	58.92
15	59.05	58.75	58.45	58.20	58.35	58.66	59.14	59.54	59.82	59.68	59.43	58.98
16	59.35	59.20	58.95	58.95	59	59.30	59.64	60.52	**60.63**	**60.63**	60.82	59.75
17	60.05	59.55	59.35	59.35	59.25	59.33	59.73	60.16	60.25	60.25	59.86	59.24
18	59.70	59.50	59.35	59.45	59.65	59.88	60.65	61.25	**61.58**	61.42	60.94	60.67
19	60.60	60.15	60.10	60.15	60.30	60.71	61.08	61.50	**61.64**	61.63	61.25	60.62
20	60.65	60.30	59.95	60.05	60.05	60.26	60.42	60.95	60.95	**61.04**	60.80	60.29
21	60.25	60.10	59.65	59.70	59.95	60.52	60.61	**60.89**	60.61	59.93	59.43	59.41
22	59.55	59.05	58.70	58.40	58.40	58.62	59.02	59.47	**59.65**	59.59	59.29	58.82
23	58.70	58.15	57.75	58	58.15	58.41	58.77	59.16	59.30	59.24	58.92	58.28
24	58.95	58.60	58.55	58.25	58.55	58.99	59.25	59.78	60.44	60.42	59.98	58.54
25	60.70	60.35	60.15	60.10	60.35	60.73	61.41	62.09	**62.24**	62.04	61.63	60.55
26	60.60	60.10	60	60.05	60.25	60.47	60.79	61.44	61.48	61.13	60.63	59.95
27	60.80	60.60	60.50	60.50	60.85	61.24	61.71	62.10	62.04	62.24	61.94	61.22
28	62.50	62.55	61.85	62.60	62.15	63.24	63.96	63.76	**64.16**	63.76	63.31	62.73
29	62.30	61.45	61.40	61.45	61.45	61.64	62.10	62.74	**62.99**	62.98	62.58	61.77
30	61.75	61.20	60.95	60.95	61.10	61.53	61.92	62.62	**62.78**	62.29	61.94	61.14
31	60.45	59.90	59.70	59.90	60	60.52	60.95	61.37	61.54	61.40	61.08	60.59
Mean	59.96	59.62	59.39	59.44	59.58	59.90	60.35	60.84	**60.99**	60.85	60.47	59.91

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22.1	21.7	21.5	21.3	21	**20.9**	21.8	25.1	27.1	29	28.9	29.2
2	23.2	22.8	22.6	22.7	22.3	**22.1**	22.7	26	25	26.1	27.7	**28.4**
3	23.3	23.1	22.8	22.8	22.6	22.8	23.1	24.2	25.9	27.8	27.7	27.6
4	**22.6**	22.9	22.8	23	22.8	22.8	23.4	25.8	28.2	**30.3**	29.2	30.1
5	24	24	23.9	23.9	23.6	**23.5**	23.9	25.6	26.7	28	31	**31.1**
6	23	22.9	22.7	22.6	22.6	**22.3**	23.1	26.4	28.5	29	29	29
7	23.9	23.7	23.5	23.7	23.6	23.6	24.2	25.4	25.9	27.2	27.6	27.5
8	21.6	21.3	21.2	21.1	20.7	**20.5**	20.9	24.4	26.8	28	28.5	28.8
9	21.5	21.4	21.1	21.1	20.6	**20.2**	21	23.8	26.7	26.8	27.4	27.9
10	21.4	21.2	20.8	20.4	20.4	20.4	**20.3**	22.3	26.9	27	28.7	**29.1**
11	22.7	22.7	23.1	22.9	22.8	**22.4**	23.2	25.2	27.2	29	29	29
12	23.3	23.2	23.1	23.4	23	**22.9**	23.6	26.5	27.7	28.2	**29.3**	28.9
13	23.2	22.8	22.9	22.7	22.8	**22.6**	23.4	25	25.6	27.4	28	**28.3**
14	24	23.9	23.4	23.1	22.9	**22.7**	23.5	25.7	27.9	28.1	29	27.4
15	23.7	23.6	23.5	**23.3**	23.6	23.7	24	25.3	27.7	27.7	27.4	27.3
16	23.7	23.7	23.7	23.5	23.5	**22.9**	23.2	27	27	27.6	28.5	27.5
17	23.6	23.8	23.4	23.1	22.9	22.5	22.8	24.9	27.1	27.1	27.7	28.3
18	21.6	21.2	20.9	21.6	21.1	**20.8**	21.5	23.7	26.2	27.6	27.5	26.8
19	21.1	20.8	20.9	20.8	20.4	**20**	20.7	24.4	27	27	27.3	29.7
20	21.5	21.1	20.8	20.9	20.6	**20.1**	20.4	22.2	25.8	25.6	26.6	**28**
21	20.6	20.4	19.9	19.8	19.5	**19.2**	19.6	21.3	24.1	26.5	27.1	**28.2**
22	22.9	22.9	22.9	22.8	22.6	22.4	22.5	23.3	**27.9**	27.6	26.6	26.3
23	21.5	21.5	**21.3**	21.4	21.6	21.7	22.6	24.1	26.3	27.5	28.3	28.6
24	24.1	23.7	23.4	22.9	**22.6**	**22.6**	22.7	25.3	27.3	27.4	**29.8**	27.3
25	22.5	21.9	21.6	21.4	21.4	**21**	21.9	23.7	26.4	28.1	27.6	**28.9**
26	24.2	23.7	23	22.7	**22.6**	22.7	23.3	25.7	27.9	**28.8**	28.7	28.7
27	23.2	23.6	23.1	22.8	22.5	**22.4**	22.8	25.3	27.6	26.7	27.5	27.2
28	23.5	23.5	23.4	23.2	23	22.9	22.8	**22.5**	22.9	23.4	23.3	23.3
29	22.1	21.6	21.1	21	20.9	**20.8**	21.9	24.5	26.8	26	26.6	26.8
30	20.5	20.5	20.2	19.9	19.9	**19.8**	20.4	21.8	23.7	25.9	26	**28**
31	21.5	20.9	20.4	20.2	19.9	**19.7**	20.5	23.2	26	26.1	25.7	**28**
Mean	22.6	22.5	22.2	22.1	21.9	**21.8**	22.3	24.5	26.6	27.4	27.8	28.1

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
58.45	57.93	**57.79**	57.88	58.05	58.43	58.69	59.35	59.65	59.65	59.85	59.55	59.22
58.83	**58.41**	58.42	58.44	58.85	59.05	59.41	59.85	59.95	59.50	59.45	59.35	59.47
57.78	57.19	**57.09**	57.76	58.01	58.67	58.86	59.15	59.50	**59.60**	59.25	58.90	58.58
58.50	**58.17**	58.20	58.22	58.70	59.30	59.85	60.65	60.75	**60.85**	**60.85**	**60.85**	59.24
60.07	59.46	**59.24**	59.31	59.94	60.43	60.73	60.85	61.15	61.40	61.40	61.45	60.67
60.17	59.37	**59.06**	59.21	59.45	59.98	60.29	60.75	60.75	60.65	60.40	60.25	60.72
58.81	58.34	**58.05**	58.32	58.75	59.14	59.57	60	60.05	59.90	59.55	59.30	59.52
58.73	58.02	**57.57**	57.70	57.90	58.08	58.67	59.25	59.60	59.65	59.40	59.30	59.10
58.34	57.68	57.49	**57.47**	57.80	58.10	58.69	59.15	59.40	59.35	59.10	59.05	59.05
58.98	58.58	**58.39**	58.88	58.79	58.75	58.96	59.50	59.85	59.85	59.75	59.80	59.33
59.12	58.47	**58.37**	58.44	58.79	59.34	59.90	60.50	60.80	60.70	60.25	60.05	59.84
58.99	58.52	**58.15**	58.38	58.74	59.40	59.79	60	60.45	**60.50**	60.20	60	59.53
58.12	57.62	**57.40**	**57.40**	57.77	57.84	58.20	59.10	59.50	59.60	59.65	59.40	58.93
58.05	57.12	56.68	**56.67**	57.05	57.92	58.37	58.95	59.40	59.65	59.50	59.25	58.58
57.94	57.42	**57.17**	57.32	57.99	58.60	58.99	59.55	**59.90**	59.85	59.60	59.55	58.83
59.05	58.60	**58.32**	58.59	59.22	59.54	59.81	60.05	60.45	60.60	60.60	60.40	59.64
58.64	58.09	**57.77**	57.94	58.45	59	59.60	60.35	**60.40**	60.35	60.10	60.05	59.46
59.89	59.30	59.15	**59.02**	59.35	59.74	60.40	60.85	61.10	61	61	60.90	60.24
59.94	59.30	**58.84**	58.90	59.19	59.59	60.11	60.75	61.10	61	60.95	60.85	60.43
59.20	58.54	**58.43**	58.81	59	59.32	59.91	60.35	60.60	60.95	60.75	60.35	60.08
58.70	58.04	**57.74**	57.99	58.40	58.77	59.45	59.55	59.65	59.70	59.75	59.85	59.53
57.91	**57.41**	57.44	57.56	58.02	58.56	58.89	59.20	59.45	59.50	59.20	59	58.78
57.55	56.92	**56.62**	56.73	57.28	58.05	58.66	59.25	**59.55**	59.50	59.45	59.15	**58.40**
58.69	58.07	**57.99**	58.12	58.68	59.20	60.01	60.55	60.75	60.75	**60.85**	60.70	59.40
59.82	59.35	**59.07**	59.12	59.72	59.83	60.20	60.75	60.85	61.10	61.10	61	60.59
59.59	59.12	**59.02**	59.27	59.79	60.15	60.83	61.30	61.40	61.45	**61.50**	61.30	60.48
60.49	60.19	**60.15**	60.35	60.92	61.29	61.99	62.40	62.40	62.65	62.60	**62.75**	61.41
61.54	**61.26**	61.43	61.53	61.94	61.73	62.45	62.85	62.80	62.95	62.95	62.75	**62.61**
60.98	60.45	**60.11**	60.29	60.62	60.99	61.31	61.55	62.05	62.35	62.30	62.15	61.67
60.54	59.74	**59.53**	59.56	59.91	60.30	60.71	61.10	61.05	61.10	61.05	60.80	61.06
60.09	**59.64**	59.71	60.11	60.62	60.87	61.09	61.55	61.90	**62.15**	62.10	61.95	60.80
59.15	58.59	**58.40**	58.56	58.96	59.35	59.82	60.29	60.52	60.57	60.47	60.32	59.84

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
29.5	**30.2**	**30.2**	29.6	27.7	26.8	25.6	25.2	24.4	24.4	24.4	23.5	25.5
27	26.7	26.3	25.5	25.1	24.6	24.2	24	23.7	23.5	23.5	23.4	24.5
28.1	27.2	26.8	24.2	23.5	23.3	23.3	23.7	23.9	22.6	22.6	**22.5**	24.4
28.8	28.8	28.7	28.5	26.9	25.6	25.3	25.4	24.9	24.5	24.7	24.3	25.8
29.9	30.1	30.4	29.4	27.4	25.9	25.2	24.7	24.4	23.7	**23.5**	**23.5**	**26.1**
29.7	31.5	**31.6**	30	28	26.1	25.3	25.1	24.5	24.2	23.9	23.7	26
27.4	27.4	27.5	**28.6**	26.8	25.6	24.7	24.2	23	22.6	22.2	**22**	25.1
29.2	29.9	**30**	28.7	27.4	25.6	24.9	24	23.4	22.9	22.5	22.1	24.8
28.6	29.7	**30**	28.8	27.5	25.8	24.7	23.4	22.6	22.5	22.2	21.5	24.4
29	28.3	28.9	27.2	26.2	24.7	24	23.8	23.6	23.8	23.6	23.2	24.4
32	31.3	30.8	28.8	27.6	26.5	26	25.6	25.1	24.6	24.1	23.7	**26.1**
28.4	26.5	28	28	26.6	25.5	24.9	24.4	24.1	23.6	23.2	23.1	25.4
28	28	27.3	26.8	25.7	25.3	24.8	24.7	24.4	24.1	24	23.9	25.1
26.4	**29.5**	27.9	28.4	27.2	25.4	24.9	24.2	23.6	24.1	23.4	23.6	25.4
28.2	**28.3**	28.1	28	27.2	26.3	25.5	24.6	24.2	24.4	24.4	23.8	25.6
30.1	28	28	27.1	26.1	25.4	25.3	25.4	25	25.3	23.8	23.7	25.6
28.3	28.5	**30.4**	27.1	25.7	24.9	24.3	23.8	23.4	22.9	22.2	**21.8**	25
28	**28.7**	28.1	27.7	26.3	24.7	24	23.5	23	22.5	21.9	21.5	24.2
30	28.7	28.3	28.3	26.4	24.8	23.9	23	22.7	21.9	21.9	21.6	24.2
27.1	27.6	27	26.9	25.7	24	23.1	22.5	22.3	21.7	21.3	20.8	23.5
27.1	28	27.7	26.7	25.6	24.8	24.5	24.2	23.7	23.4	23.1	22.9	23.7
26.3	26.9	27.1	26.4	25.5	24.4	24.2	24.6	23.4	23	22.4	**22**	24.5
28.7	28.6	28.2	27.7	26.7	26.1	25.6	25.4	25.1	25.1	24.9	24.6	25.1
28.8	29.5	27.2	27.1	26	24.2	23.7	23.3	23.2	23.1	23.1	23.2	25.1
28	28	28.2	27.7	27.1	25.8	25.4	25.1	24.8	24.7	24.8	24.6	25
27.4	28	28.4	27.4	26	25.4	25.1	24.6	24.5	23.8	23.5	23.6	25.4
27.8	27.3	26.3	26	24.8	23.6	23.7	23.6	23.5	23.4	23.5	23.5	24.7
23.5	**24.1**	24	23.9	23.7	23.4	23.5	23.1	22.7	**22.5**	22.7	22.7	**23.2**
28.3	**28.7**	27.3	26.7	25.4	23.6	23.3	21.9	21.6	21.1	21.1	20.9	23.8
27.2	27.3	27.2	26.9	26.1	24.4	23.7	23.6	23	22.8	22.7	22.5	23.5
27.9	27.6	27.1	26.4	25.5	23.7	22.7	22.4	22.6	21.9	21.5	20.8	23.4
28.2	**28.4**	28.2	27.4	26.2	25	24.5	24.1	23.7	23.4	23.1	22.9	24.8

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	94	**95**	**95**	**95**	**95**	**95**	**95**	83	76	71	75	**71**
2	94	96	96	95	97	**98**	96	84	90	85	81.5	**77**
3	93	93	94	92	93	91	93	88	83	76	76	76
4	**97**	94	96	**97**	**97**	**97**	96	85	76	66	67	**64**
5	95	95	96	96	**97**	95	95	88	86	80	**59**	62
6	91	91	92	92	92	**93**	**93**	81	69	67	69	71
7	92	93	94	92	92	92	91	84	86	83	76	79
8	95.5	**97**	96	96	**97**	**97**	95	84	74	65	67	66
9	93	92	93	93	93.5	**95**	**95**	86	72	73	70	68
10	95	95	**97**	96	96	96	95	88	**65**	**65**	66	65.5
11	**91**	90	**91**	89	88	88.5	87	82	73	67	65	66
12	88	87	**87**	85	88	87	86	76	71	70	**65**	70
13	95	96	**97**	**97**	**97**	**97**	92	86	86	76	**74**	75
14	93	91	95	**97**	96	**97**	93	85	79	75	77	82
15	92	**94**	**94**	**94**	94	93	92	89	81	**75**	83	80
16	91	92	93	92	93	95	**96**	77.5	81	79	70.5	69
17	85	82	86	90	91	**92**	**92**	81	72	70	67	63.5
18	90	92	93	88	92	94	**95**	82	71	66	63	67
19	93	94	93	94	95	95	**96**	78	65	66	61	55
20	87	88	89	87	88	91	92	83	71	72	67	**64**
21	92	92	**95**	94	**95**	**95**	**95**	90	79	70	68	**62**
22	91	91	91	92	92	**93**	91	89	73	73	75	76
23	**91**	**91**	90	87	87	89	84	81	73	66	67	66
24	83	85	86	89.5	90	**91**	89	76	68	67	61	68
25	83	87	**88**	85	84.5	**88**	87.5	81	70	**65**	68	66
26	84	84	89	89	89	89	90	78	73	**69**	70	71
27	94	92	95	95	95	**97**	96	88	74	76	**73**	77
28	**97**	96	96	96	**97**	**97**	96	**97**	**97**	**97**	**97**	**97**
29	**99**	98	**99**	98	98	97	96	83	70	74	76	74
30	95	95	96	**97**	96	96	94	89	82	74	75.5	**69**
31	95	96	96	98	98	**99**	97	87	78	77	78	71
Mean	91.9	92.1	93.2	92.8	93.3	**93.9**	92.9	84.2	76.3	72.7	71.2	70.6

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	18.5	18.2	18	17.8	17.6	**17.5**	18.4	19.6	20.3	21.1	**22.1**	21.4
2	19.8	19.7	19.5	**19.4**	19.5	**19.4**	19.6	21	21.2	21.4	22.4	22
3	19.8	19.5	19.3	19	18.9	18.8	19.5	19.8	20.6	**21**	20.9	20.9
4	19.7	**19.5**	19.7	20.2	20.1	19.9	20.4	21.1	**21.6**	21.2	20.2	20.2
5	21	21	21.1	21.1	20.9	20.4	20.9	21.6	22.3	**22.5**	19.8	20.7
6	19	18.9	18.9	18.7	18.7	**18.6**	19.5	20.7	20	19.9	20.4	21.2
7	20.3	20.2	20.2	20.1	19.9	19.9	20.5	20.3	21.4	22.2	20.9	21.6
8	18.3	18.3	18	17.9	17.7	**17.4**	17.5	19.1	19.3	18.3	19.4	19.4
9	17.7	17.4	17.2	17.2	16.9	**16.8**	17.6	18.9	18.8	19.1	19.1	19
10	17.9	17.7	17.8	17.2	17.2	17.2	**16.9**	17.7	17.2	17.3	19.3	19.6
11	18.7	18.5	19.1	18.4	18.1	**17.8**	18.4	19.5	19.6	19.9	19.3	19.7
12	18.7	18.4	18.3	18.2	18.3	**18**	18.7	19.5	19.7	19.8	19.7	20.7
13	20	**19.7**	20.2	20	19.9	19.8	**19.7**	20.2	21	20.6	20.7	21.5
14	20.7	20.1	20.3	20.3	19.8	19.8	20	20.9	21.9	21.2	**22.9**	22.2
15	20.1	20.3	20.2	20	20.3	20.2	20.4	21.4	22.3	20.7	**22.5**	21.5
16	19.9	20.1	20.2	19.8	20	19.6	20.2	20.5	**21.5**	**21.5**	20.4	18.9
17	18.3	18	18.4	18.8	18.9	18.6	19	19	19.1	18.5	18.4	18.2
18	17.3	17.2	17	16.9	17.1	17.1	18	17.9	18	**18.1**	17.2	17.6
19	17.2	17.2	17	17.1	17	16.6	17.5	**17.8**	17.3	17.5	16.4	16.9
20	16.5	16.4	16.2	16	**15.9**	16	16.5	16.6	17.5	17.6	17.2	18
21	16.7	16.5	16.5	16.2	16	**15.7**	16.1	16.9	17.7	18	18.2	17.7
22	18.9	18.9	18.9	19	18.7	18.7	18.4	18.9	**20.3**	20	19.4	19.4
23	17.3	17.3	16.9	**16.5**	16.8	17.2	17.2	18	18.6	18.1	**19.1**	**19.1**
24	18.5	18.4	18.4	18.6	18.4	18.6	18.3	18.2	18.4	18.2	**19**	18.4
25	16.9	16.9	16.9	16.2	**16**	16.3	17.1	17.5	18	18.5	18.6	19.6
26	18.8	18.3	18.5	18.3	**18.2**	18.3	19	19	20.3	20.4	20.5	20.9
27	19.8	19.9	19.9	19.5	**19.2**	19.6	19.7	21.2	20.4	19.8	20	20.6
28	**20.7**	20.6	20.4	20.2	20.2	20	19.7	19.7	20	20.6	**20.7**	**20.7**
29	**19.6**	18.8	18.4	18.2	18	17.8	18.7	19	18.3	**18.5**	**19.6**	19.3
30	17.1	17.1	16.9	16.8	16.6	**16.5**	16.8	17.3	17.9	18.4	18.8	19.3
31	18.2	17.7	17.2	17.3	16.9	16.9	17.4	18.4	19.4	**19.4**	19	19.9
Mean	18.8	18.6	18.6	18.4	18.3	**18.2**	18.6	19.3	19.7	19.7	19.7	**19.9**

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
70	67	66	**59**	74	76	80	82	87	86	88	93	82
86	84	84	92	91	90	92	91	93	94	92	93	90.5
65	**65**	77	89	93	95	95	91	88	96	**97**	**97**	87.3
73	70	72	74	79	88	88	88	91	93	92	94	84.8
68	69	64	66	71	80	82	85	86	89	89	88	82.5
69	**56**	57	65	71	80	84	86	89	91	92	92	80.5
84	82	78.5	**73**	80	86	84	86	92	92	94	**95**	86.7
65	**64**	**64**	66	73	83	84	86	87	88	89	91	82.1
65	**61**	**61**	69	75	78	82	85	89	91	92	**95**	81.9
67	67	67	70	82	85	88	89	90	90	90.5	91	83.2
59	**57**	**57**	69	70	75	77	80	81	82.5	85	86	77.3
75	88	82	82	82	86	86	88	91	93	**94**	93	83.3
77	79	83	78	90	91	91	91	91	91	92	92	88.1
87	**70**	74	**70**	81	84	86	88	90	89	93	92	86
77	78	79	79	78	76	83	87	86	87	87	91	85.4
63	67	69.5	75	72	77	75	74	76	74	82	82	79.8
63	62.5	**60**	63	71.5	73	78	81	82	84	88	88	77.7
58	**58**	64	60	65	73	77.5	80	83.5	85	88	90	78.1
53	**53**	56	54	60	67	73.5	79	79	84	85	86	**75.6**
68	69	69	67	76	81	84	87	88	92	**93**	**93**	81.1
67	66	65	71	75	79	80	81	86	87	89	89.5	81.8
76	71	**70**	77	84	76	75	74	80	83.5	86	88	82
63	64	65	65	71	74	77	77	79	77	79	81	76.8
62	**55**	65	67	68	75	76.5	79	79	79	79.5	81	75.8
68	69	68	72	75	81	80	82	81	81	80	82	78
73	71	71	78	84	87	88	89	91	93	**94**	93	82.8
76	74	84	84	92	96	95	96	96	96	96	96	88.9
96	92	91	91	92	91	**90**	92	95	95	95	96	**94.8**
65	**63**	**63**	67	74	82	81	90	92	95	94	94.5	84.3
71	71	75	79	82	85	85	85	88	89	89	91	85.4
72	71	**65**	73	66	76	80	81.5	78	83	83	87	82.7
70.4	**68.8**	69.9	72.4	77.3	81.5	83.1	84.9	86.6	88.1	89.3	90.4	82.8

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	12 m. n.	Mean.
21.6	21.3	21.1	18.3	20.5	19.9	19.5	19.5	19.7	19.4	20	20	19.6
22.7	21.9	21.3	22.2	21.5	20.7	20.7	20.3	20.2	20.2	19.8	19.9	20.7
18.5	**17.4**	20.2	19.9	20	20.1	20.1	19.7	19.4	19.5	19.7	19.7	19.7
21.4	20.6	21	21.4	20.8	21.4	21	21.1	21.2	21.3	21.2	21.2	20.7
21.3	21.8	20.6	20	19.3	19.9	19.5	19.6	19.4	19.3	19.1	**18.9**	20.5
21.5	19.3	19.6	20.5	20.1	20.1	20.2	20.4	20.3	20.3	20.3	20.1	19.9
22.6	22.2	21.4	21.3	20.8	21	19.5	19.4	19.2	18.7	**18.6**	**18.6**	20.4
19.5	20.1	20.1	19.3	19.9	**20.2**	19.7	19	18.6	18.2	17.9	18	18.8
19	19.1	19.3	**20.4**	**20.4**	19.3	18.9	18.2	18.2	18.4	18.3	18.2	18.5
19.9	19.1	19.7	18.8	**20.8**	19.6	19.5	19.4	19.4	19.7	19.6	19.3	18.7
20.9	19.4	18.9	20.2	19.4	19.3	19.2	19.5	19.2	18.9	18.9	18.8	19.2
21.6	22.6	**23.1**	22.9	21.1	20.9	20.1	20	20.2	20.1	19.8	19.5	20
21.5	**22.3**	**22.3**	20.5	22.1	21.8	21.1	21	20.8	20.4	20.4	20.3	20.7
22.3	21.3	20.7	20.3	21.6	20.2	20.1	19.8	**19.4**	19.8	19.9	19.9	20.6
22	22.3	22.4	22.3	21	**19.4**	20.1	20.1	**19.4**	19.7	19.7	19.8	**20.8**
20	18.7	19.5	19.9	18	18.5	18	17.7	17.8	**17.6**	18	17.9	19.3
18	18	**19.4**	**16.9**	17.5	17.2	17.7	17.6	17.5	17.5	17.4	17.1	18.1
16.3	17	**18.1**	16.7	16.5	16.9	17.2	17.3	17.4	17.2	17.3	17.2	17.3
16.7	15.5	15.9	15.4	**15.3**	15.6	16.2	16.4	16.2	16.4	16.6	16.4	**16.6**
18.2	**19**	18.2	17.7	18.6	17.9	17.6	17.6	17.5	17.7	17.4	16.9	17.3
17.8	18.6	18	18.6	18.2	18.5	18.3	18.1	**18.8**	18.6	18.6	18.6	17.6
19.2	18.6	18.5	19.7	**20.3**	17.3	**16.9**	17	17.2	17.4	17.3	17.4	18.6
18.5	18.6	18.4	18	18.6	18.6	18.7	18.7	18.6	18.3	18.4	18.6	18.1
18.2	16.9	17.6	17.8	17	16.9	16.7	16.7	16.6	**16.5**	16.7	17.1	17.8
18.9	19.3	19.2	**19.9**	**19.9**	**19.9**	19.2	19.4	18.8	18.7	18.7	18.8	18.3
19.7	20.1	20.4	**21**	**21**	20.9	20.7	20.4	20.7	20.4	20.2	20.1	19.8
21	19.9	21.3	21	**21.3**	20.7	20.6	20.7	20.6	20.4	20.6	20.6	20.3
20.6	20.6	20.3	20.1	20.1	19.5	19.5	19.4	19.4	**19.2**	19.4	19.6	20
18.5	18.5	**17.1**	17.3	17.9	17.8	17.2	17.6	17.6	17.6	17.4	17.3	18.2
19.1	19.2	20.2	**20.8**	20.5	19.3	18.4	18.3	18.3	18.3	18.3	18.4	18.3
20.2	19.6	17.4	18.6	16.1	16.5	16.4	16.4	16	16.2	**15.8**	15.9	17.6
19.9	19.6	19.7	19.6	19.6	19.2	19	18.9	18.8	18.8	18.8	18.7	19.1

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Ci.		Ci.		Ci.		Ci.		Ci.-S.		Ci.-S.	
2	A.-Cu.		Ci.-S.	SEbyS			Ci.-S.					
3											Ci.-S.	
4	A.-Cu.	SE	A.-Cu.		Ci.-Cu.	SSE	Ci.-Cu.	SSE	A.-Cu.			
5	A.-Cu.		A.-Cu.	ESE	A.-Cu.	ESE	A.-Cu.		Ci.-S.		Ci.-S.	
6												
7					A.-Cu.		A.-Cu.		A.-Cu.			
8	Ci.		Ci.		Ci.		A.-Cu.		Ci.-Cu.		Ci.-Cu.	
9												
10	A.-Cu.	ESE	A.-Cu.	ESE	A.-Cu.		Ci.-S.	SE	A.-Cu.		A.-Cu.	ESE
11	Ci.		Ci.	SWbyW	Ci.	SWbyW	Ci.		Ci.		Ci.	
12	A.-Cu.		Ci.		A.-Cu.	E	A.-Cu.	ENE				
13	Ci.-S.						Ci.-S.		A.-Cu.		Ci.-S.	
14	Ci.-S.		Ci.	SW	Ci.	SW	Ci.-S.		Ci.-S.			
15	A.-Cu.	SE	Ci.		A.-Cu.							
16	A.-Cu.	E			A.-Cu.		A.-Cu.		A.-Cu.			
17	A.-Cu.	SE	A.-Cu.		A.-Cu.							
18	A.-Cu.	SW	A.-Cu.		A.-Cu.		A.-Cu.				A.-Cu.	
19												
20	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
21	A.-Cu.	SE	A.-Cu.		A.-Cu.	E	A.-Cu.	E	A.-Cu.	E	A.-Cu.	
22			Ci.-S.		A.-Cu.	E	Ci.-S.		A.-Cu.			
23												
24	A.-Cu.	SE	A.-Cu.	SE	Ci.-S.		Ci.-S.		Ci.-S.			
25	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.					
26	A.-Cu.		A.-Cu.		A.-Cu.						Ci.	
27	Ci.-S.		Ci.-S.		Ci.-S		A.-Cu.		A.-Cu.			
28												
29	A.-Cu.	E									Ci.	
30	Ci.-S.	ENE	Ci.-S.	ENE	Ci.-S.	ENE	Ci.-S.		Ci.-S.		Ci.-S.	
31	A.-Cu.	ENE	Ci.		Ci.	SSE	Ci.				Ci.	

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.		Cu.		Cu.	E	Cu.	ENE	Cu.	E	Cu.-N.	
2	Cu.-N.	E	Cu.-N.	E	N.		Cu.-N.	E	S.-Cu.	EbyS	Cu.-N.	EbyS
3	S.-Cu.	E	S.-Cu.	E	S.-Cu.	E	S.-Cu.		S.-Cu.		N.-cf.	EbyS
4	S.-Cu.	EbyS	Cu.	ESE	S.-Cu.	ESE	S.-Cu.	EbyS	N.-cf.		N.-cf.	EbyS
5	S.-Cu.	EbyS	Cu.		Cu.		Cu.		Cu.	EbyS	N.-cf.	EbyS
6	Fr.-Cu.	E	Fr.-Cu.	E	Cu.	E	Cu.	E	N.-cf.	E	N.-cf.	E
7	S.-Cu.	E	S.-Cu.	E	S.-Cu.	E	S.-Cu.	E	Fr.-Cu.	E	Cu.-N.	E
8	Cu.		Cu.		Cu.		Cu.		Cu.	E	Cu.	E
9	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
10	Fr.-Cu.		Fr.-Cu.	E	Fr.-Cu.	E	Cu.	E	Cu.	E	Cu.	
11	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E
12	Cu.		Cu.		Cu.		Cu.	E	N.-cf.	E	Cu.-N.	E
13	S.-Cu.	E	S.-Cu.	E	S.-Cu.	E	Cu.-N.	EbyS	N.-cf.	EbyS	N.-cf.	
14	S.-Cu.	EbyN	S.-Cu.	EbyN	Cu.		Cu.	NE	Cu.	NE	N.-cf.	
15	S.-Cu.		Cu.	E	Cu.	NE	N.-cf.		N.-cf.	ENE	N.-cf.	E
16	S.-Cu.		S.-Cu.	E	S.-Cu.	E	Cu.	ENE	Cu.	ENE	N.-cf.	
17	S.-Cu.	E	S.-Cu.	E	S.-Cu.	E	N.-cf.	E	N.-cf.		Cu.	
18	S.-Cu.		S.-Cu.		Cu.	NE	Cu.	ENE	N.-cf.	ENE	N.-cf.	
19	S.-Cu.		Cu.		Cu.		Cu.	ESE	Cu.	ESE	Fr.-Cu.	ESE
20	S.-Cu.		S.-Cu.		S.-Cu.		S.-Cu.		Cu.	ESE	Cu.	ESE
21	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
22	Cu.-N.	NE	Cu.	E	Cu.		Cu.	E	N.-cf.	NE	Cu.-N.	
23	S.-Cu.	NE	S.-Cu.	NE	S.-Cu.	NE	S.-Cu.	ENE	N.-cf.	ENE	Cu.-N.	
24	S.-Cu.		S.-Cu.	E	S.-Cu.		Cu.	E	N.-cf.	E	N.-cf.	
25	S.-Cu.		Cu.	ENE	Cu.	ENE	Cu.	ENE	Cu.	ENE	Cu.	ENE
26	S.-Cu.		S.-Cu.	E	S.-Cu.	ENE	Cu.	ENE	Cu.	ENE	N.-cf.	E
27	S.-Cu.		S.-Cu.	E	S.-Cu.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.	E
28	N.		N.		N.		N.		N.	SE	N.	SE
29	S.-Cu.		S.-Cu.	ENE	S.-Cu.	ENE	S.-Cu.	ENE	N.-cf.	ENE	N.-cf.	
30	S.-Cu.		S.-Cu.		Cu.		Cu.		Cu.		S.-Cu.	NEbyE
31	S.-Cu.		Cu.		Cu.		Cu.	EbyS	Cu.	EbyS	Cu.	E

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Ci.-S.		Ci.		Ci.		Ci.-S.		Ci.			
Ci.-S.						Ci.-S.		Ci.-S.			
				Ci.-S.	SSE	Ci.-S.		Ci.			
Ci.-S.	ESE										
				Ci.-S.							
Ci.-Cu.		Ci.-Cu.		Ci.-Cu.	SSW	Ci.-Cu.	SSW	Ci.-Cu.		Ci.-Cu.	
								A.-Cu.		A.-Cu.	
								Ci.			
				A.-Cu.							
		A.-Cu.	S							A.-Cu.	
A.-Cu.						Ci.		Ci.			
Ci.-S.		Ci.-S.		A.-Cu.	E	A.-Cu.					
Ci.-S.				A.-Cu.	SE	A.-Cu.					
Ci.-S.		Ci.-S.		A.-Cu.		A.-Cu.					
A.-Cu.	SW	A.-Cu.	SW	A.-Cu.	SW	Ci.		A.-Cu.		A.-Cu.	
A.-Cu.		A.-Cu.		A.-Cu.		Ci.		Ci.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S		Ci.-S.		Ci.-S.		Ci.-S.	
A.-Cu.	E	A.-Cu.	EbyN	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
		A.-Cu.		A.-Cu.		A.-Cu.					
		A.-Cu.	SSE	Ci.-S.	S	Ci.-S.		Ci.-S.		Ci.-S.	
				Ci.-S.		Ci.-S.				Ci.-S.	
Ci.-S.				A.-Cu.							
Ci.		Ci.		Ci.-S.		Ci.		Ci.			
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		A.-Cu.			
Ci.		Ci.	SbyE	Ci.		Ci.		Ci.-S.	SbyE	Ci.-S.	

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
N.-cf.	E	Cu.-N.	E	N.-cf.	E	Cu.	E	Cu.	E	Cu.	
Cu.	E	Cu.-N.	EbyN	Cu.-N.		Fr.-N.	E	Cu.-N.	E	Fr.-N.	
Fr.-N.		Fr.-N.	EbyS	S.-Cu.	ESE	N.		N.		N.	
N.	EbyS	N.-cf.	EbyS	Cu.-N.	EbyS	N.-cf.	EbyS	S.-Cu.	SE	S.-Cu.	
N.-cf.	EbyS	S.-Cu.	EbyS	Fr.-Cu.	E	S.-Cu.	E	Fr.-Cu.		Fr. -Cu.	
Cu.	E	Fr.-Cu.	E	Cu.		Cu.		Cu.	E	Cu.	
Cu.-N.	E	Cu.-N.	E	Cu.	E	Cu.-N.	EbyN	Cu.		Cu.-N.	
Fr.-Cu.	E	Fr.-Cu.	E	Fr.-Cu.	E	Cu.	ENE	Cu.		Cu.	
Cu.		Cu.	ENE	Cu.	ENE	Cu.	E	Cu.		Cu.	
Cu.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	N.-cf.		Cu.	
Fr.-Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.-N.	
Cu.-N.	E	Cu.-N.	E	Cu.	E	Cu.-N.	E	Cu.-N.		Cu.-N.	
N.	NE	S.-Cu.	NE	N.	NE	N.	ENE	Cu.-N.		S.-Cu.	
N.-cf.	NE	N.-cf.	NE	N.-cf.	NE	Cu.	NE	Cu.		Cu.	
N.-cf.	E	N.-cf.	NE	N.-cf.	NE	N.-cf.	NE	N.-cf.	NE	S.-Cu.	
Cu.	NE	N.-cf.	NE	Cu.-N.		Cu.-N.		S.-Cu.		N.	
Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.	
S.-Cu.	ENE	S.-Cu.	EbyN	S.-Cu.	E	Cu.	E	S.-Cu.	E	S.-Cu.	
Fr.-Cu.	ESE	Cu.	ESE	Cu.	EbyS	Cu.		Cu.		Cu.	
Cu.		Cu.	EbyN	Cu.	E	Cu.-N.	E	Cu.	E	Cu.	
Cu.		N.-cf.		S.-Cu.		Fr.-N.	NNE	S.-Cu.		S.-Cu.	
Cu.-N.	NE	N.-cf.	NE	N.-cf.	NE	S.-Cu.	NE	S.-Cu.		S.-Cu.	
Cu.-N.		Cu.-N.	ENE	Cu.	ENE	Cu.	ENE	Cu.-N.		S.-Cu.	
N.-cf.	EbyN	S.-Cu.	EbyN	N.-cf.	EbyN	S.-Cu.		S.-Cu.		S -Cu.	
S.-Cu.	ENE	N.-cf.	ENE	Cu.-N.	ENE	S.-Cu.	ENE	S.-Cu.	ENE	N.	
N.	E	N.-cf.	E	N.-cf.	E	N.	E	N.	E	S.-Cu.	
Cu.-N.	E	Cu.-N.	E	N.-cf.	E	Cu.-N.	E	Cu.-N.		Fr.-N.	
N.		N.		N.		N.		N.		N.	
N.-cf.	ENE	N.-cf.	ENE	N.-cf.	EbyN	N.-cf.	E	N.-cf.	E	Cu.	
Cu.-N.	ENE	S.-Cu.	ENE	Cu.	ENE	Cu.	ENE	Cu.		Cu.	
S.-Cu.	E	S.-Cu.	E	S.-Cu.	E	S.-Cu.	E	S.-Cu.		S.-Cu.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	Calm	--------	NE	0.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------
2	Calm	--------	Calm	--------	NNE	1	Calm	--------	NNE	0.5	NNE	1.5
3	N	1.5	N	2.5	N	2	NNE	2	N	1.5	NE	2
4	NNW	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
6	Calm	--------	NE	1	NE	1	NE	.5	Calm	--------	Calm	--------
7	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
8	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
9	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
10	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NW	1.5	Calm	--------
11	Calm	--------	Calm	--------	N	.5	N	2	NNE	2	Calm	--------
12	NE	1	NE	.5	N	1.5	N	1.5	NE	.5	NNE	1.5
13	Calm	--------	Calm	--------	E	.5	N	1.5	N	1	NNE	1
14	NNE	1	NbyE	3.5	NbyE	2	NbyE	3.5	NbyE	2.5	NE	1
15	Calm	--------	N	1	NE	1.5	N	2	NE	2	NNE	.5
16	Calm	--------	Calm	--------	E	.5	Calm	--------	NE	.5	Calm	--------
17	NNE	3.5	NNE	3.5	NNE	1	NNE	1	Calm	--------	Calm	--------
18	Calm	--------	Calm	--------	NW	1	NW	1	Calm	--------	Calm	--------
19	Calm	--------	Calm	--------	N	.5	N	.5	Calm	--------	Calm	--------
20	E	1	Calm	--------	N	1.5	N	3	Calm	--------	Calm	--------
21	NE	.5	NE	.5	N	1	N	1	Calm	--------	ENE	1
22	Calm	--------	Calm	--------	Calm	--------	Calm	--------	N	1	Calm	--------
23	NE	.5	NE	.5	N	1	N	1	N	1	NNE	1.5
24	N	2.5	NNW	2	N	1.5	N	1.5	NNW	1.5	Calm	--------
25	Calm	--------	Calm	--------	NNE	1	NNE	1.5	NNE	1	NNE	.5
26	N	3.5	NNE	6	N	5.5	N	6	N	5	NNE	1
27	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
28	Calm	--------	Calm	--------	Calm	--------	NE	.5	NW	.5	NNE	1.5
29	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NW	1
30	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NNE	.5
31	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NNE	.5	Calm	--------
Mean	------------	0.5	------------	0.7	------------	0.8	------------	1	------------	0.7	------------	0.5

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	WNW	2.5	WNW	3.5	Calm	--------	E	2.5	Calm	--------	NE	1.5
2	N	2	N	4	N	5	Calm	--------	Calm	--------	Calm	--------
3	EbyN	6	EbyN	6.5	EbyS	1.5	E	1.5	Calm	--------	Calm	--------
4	E	1.5	SE	3	ESE	4	E	3	ESE	2.5	SEbyE	1
5	SE	7	SE	5	E	2	ESE	3	EbyS	1	ESE	.5
6	Calm	--------	E	2.5	E	.5	E	1	ENE	2.5	E	2.5
7	Calm	--------	WSW	1.5	NW	1.5	Calm	--------	Calm	--------	Calm	--------
8	WbyN	4.5	WSW	5	W	3.5	W	2.5	Calm	--------	Calm	--------
9	WSW	2	WSW	1.5	WSW	1.5	Calm	--------	SE	2.5	SE	2.5
10	WbyS	1.5	NNE	2	NE	2	ESE	3	Calm	--------	Calm	--------
11	ESE	1	NE	2.5	ENE	1	ENE	1	NNE	3	NNE	1.5
12	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NNE	1	ENE	1.5
13	NE	4	N	1.5	Calm	--------	NEbyN	3.5	ENE	2	Calm	--------
14	NNE	.5	NE	1.5	NNE	2	ENE	.5	Calm	--------	Calm	--------
15	NW	4.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NE	2.5
16	NbyE	5	NbyE	4.5	N	6	NbyE	2	NE	3	NNE	1.5
17	E	2	NE	2	E	2	Calm	--------	Calm	--------	Calm	--------
18	EbyN	7.5	E	4	E	5.5	EbyS	3.5	ESE	4	ESE	1.5
19	ESE	2.5	E	7	E	3	E	7	E	3	E	1.5
20	WNW	1	WSW	1	W	2	Calm	--------	Calm	--------	ESE	1
21	W	3	S	1	S	1	SE	.5	Calm	--------	SE	1
22	Calm	--------	NE	1	NE	2	ESE	1	Calm	--------	NNE	1.5
23	NNE	6	NNE	6.5	NNE	4	NNE	7	NNE	4	NNE	2.5
24	WNW	4	ENE	2	SEbyE	1.5	W	1	NNE	2	Calm	--------
25	SW	2	SSW	2	Calm	--------	Calm	--------	NNW	1	N	4.5
26	NNE	3	NNE	2	Calm	--------	SSE	2	Calm	--------	Calm	--------
27	Calm	--------	WNW	2	Calm	--------	WSW	1	SE	4.5	Calm	--------
28	ESE	1	ESE	1.5	Calm	--------	NE	2.5	NNW	1	Calm	--------
29	E	2	ESE	5.5	EbyS	7	ESE	2.5	ESE	2.5	ESE	1
30	WbyN	3	W	2	SSW	1	SE	2.5	ESE	2.5	SEbyE	2.5
31	Calm	--------	SE	2	ESE	3	Calm	--------	E	2.5	Calm	--------
Mean	------------	2.5	------------	2.8	------------	2	------------	1.7	------------	1.4	------------	1

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	----------	Calm	----------	NNE	2.5	NNE	1	W	2	W	3
Calm	----------	NE	3	Calm	----------	NNW	5	NNE	3	NE	1
NE	2	Calm	----------	NNE	3	NE	2	NE	1	N	2
Calm	----------	Calm	----------	ESE	2.5	SE	3.5	ESE	4.5	ESE	8
Calm	----------	Calm	----------	Calm	----------	Calm	----------	E	5.5	ESE	3
Calm	----------	N	3	NNE	2.5	NE	.5	Calm	----------	NW	1
Calm	----------	Calm	----------	Calm	----------	Calm	----------	NE	1	W	2
Calm	----------	Calm	----------	Calm	----------	Calm	----------	W	2.5	W	3.5
Calm	----------	Calm	----------	WSW	1	WSW	1	W	2.5	WSW	2.5
Calm	----------	Calm	----------	Calm	----------	Calm	----------	NW	1.5	WSW	2.5
NNE	.5	NNE	1.5	NE	3	ENE	1.5	ENE	.5	ENE	1
NE	.5	NNE	2	Calm	----------	Calm	----------	SW	1.5	W	2.5
NNE	1	NNE	3	NE	1.5	NNW	2	NNW	2	NbyE	3
NE	.5	ENE	2	NE	1	Calm	----------	WSW	1.5	SW	1.5
NNE	1	Calm	----------	Calm	----------	Calm	----------	NNW	1	WNW	3.5
Calm	----------	Calm	----------	Calm	----------	Calm	----------	WSW	1.5	N	4.5
Calm	----------	NNE	.5	Calm	----------	NNW	3.5	NNW	1	NNE	3
Calm	----------	Calm	----------	E	1.5	E	2.5	NNE	2	ENE	2
NbyE	1.5	Calm	----------	Calm	----------	NNW	3	WNW	4	ENE	3
NNE	1	Calm	----------	Calm	----------	WNW	1.5	NW	1	W	2
NNE	1.5	NNE	1.5	Calm	----------	NW	4	NNW	3.5	NNW	3
NNE	1.5	NE	2	N	4	NNE	2.5	Calm	----------	Calm	----------
NNE	4	N	3.5	NbyW	5	N	5.5	NNW	4.5	NNW	6
Calm	----------	NNW	.5	SSW	.5	NW	3	NW	1.5	S	1.5
NNE	1.5	Calm	----------	NNE	3	NE	2	SW	1.5	SW	1.5
Calm	----------	NNE	2	NE	3	NE	2	NNE	2.5	NE	1.5
Calm	----------	Calm	----------	NE	.5	Calm	----------	SSW	1.5	SW	1
E	2	NNW	2	Calm	----------	Calm	----------	Calm	----------	ESE	2.5
Calm	----------	Calm	----------	WSW	2	Calm	----------	Calm	----------	N	1
NNE	2	NE	1	Calm	----------	NE	1	WSW	2.5	WNW	1
Calm	----------	NE	.5	Calm	----------	NWbyW	4	NW	4	Calm	----------
------------	0.7	------------	0.9	------------	1.2	------------	1.6	------------	2	------------	2.4

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		Midnight.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
NE	1.5	NE	1.5	Calm	----------	ESE	1	NE	0.5	Calm	----------	1
NNE	.5	NNE	1	NNE	1	N	2	N	1.5	NNE	1	1.4
Calm	----------	NE	2	NE	1.5	Calm	----------	Calm	----------	Calm	----------	1.7
ESE	2	SE	1.5	Calm	----------	Calm	----------	Calm	----------	Calm	----------	1.6
E	1	NNE	1	NE	.5	Calm	----------	Calm	----------	NNE	2	1.3
NNE	1.5	Calm	----------	NNE	.5	N	.5	Calm	----------	Calm	----------	.9
NE	1	NE	.5	Calm	----------	Calm	----------	Calm	----------	Calm	----------	.3
SE	1.5	E	1.5	E	1.5	E	1	SE	2	Calm	----------	1.2
ESE	1	E	1.5	E	.5	SE	1	SE	.5	Calm	----------	.9
Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	.6
Calm	----------	NE	.5	N	1.5	E	1.5	E	.5	Calm	----------	1.1
Calm	----------	SE	1.5	Calm	----------	Calm	----------	Calm	----------	Calm	----------	.7
S	1	Calm	----------	Calm	----------	N	1	NNE	.5	Calm	----------	1.2
NNE	.5	Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	1
Calm	----------	Calm	----------	Calm	----------	SE	.5	SE	.5	Calm	----------	.9
NE	3.5	NNE	4	NNE	4.5	NNE	5	NNE	4.5	NNE	4	2.3
Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	1
ESE	1.5	SE	1.5	E	.5	E	1	Calm	----------	Calm	----------	1.7
E	1	E	.5	Calm	----------	NE	.5	Calm	----------	E	.5	1.6
ESE	2	SE	1.5	SE	1.5	Calm	----------	Calm	----------	Calm	----------	.9
ENE	1	N	1	SE	.5	Calm	----------	Calm	----------	Calm	----------	1.1
NNE	1.5	NE	2	E	1.5	NE	1	N	1	E	.5	1
NNE	3.5	NNE	2.5	N	3.5	N	4	N	3	N	2.5	3.5
NNW	1	Calm	----------	Calm	----------	Calm	----------	Calm	----------	WNW	.5	1.2
Calm	----------	Calm	----------	Calm	----------	NW	1.5	NNW	2.5	NNW	3	1.2
Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	1.9
Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	.4
NNE	.5	Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	.6
ESE	1.5	Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	1.1
ESE	2	ESE	2	ESE	2.5	ESE	3	ESE	2	ESE	1.5	1.4
EbyS	1.5	Calm	----------	ESE	.5	ENE	.5	Calm	----------	Calm	----------	.8
------------	1	------------	0.9	------------	0.7	------------	0.8	------------	0.6	------------	0.5	1.2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	2	2	3	1	1.5	2	2	1	5.5	6	6	8
2	.5	.5	2.5	1	1.5	4	4	8	10.5	5	12	6.5
3	5	9	7	11.5	7.5	9	7.5	4.5	9	10.5	10.5	8.5
4	3.5	4.5	3	4.5	5.5	4	3.5	1	7.5	10	**26**	18
5	2	1.5	1.5	1	4.5	1.5	4	4	2	3	13.5	19
6	**4**	4.5	4	5.5	0	1.5	1.5	6.5	8.5	7.5	7	6
7	2.5	1	1.5	3	2	.5	.5	1	4	3.5	3	5.5
8	.5	1	1	3.5	2	2.5	.5	0	1	2	2	**13.5**
9	0	2	1.5	2.5	2.5	.5	0	0	2.5	4.5	8	**10**
10	.5	.5	.5	3.5	4	7	3	0	0	1.5	8.5	11
11	1.5	1.5	1	9	9	6	4	6	9.5	5	2.5	5
12	2.5	1.5	6.5	6	6	**9**	6	6	8.5	.5	7	7
13	.5	.5	2	7.5	7.5	5	9	7	11	9.5	**16.5**	15
14	3	6.5	6.5	9.5	8.5	7.5	5	6.5	6	3.5	6	8
15	4.5	5.5	6	7.5	7.5	7	6.5	4	3	2	5	8
16	1.5	.5	2.5	2.5	2	2	.5	2.5	4	4	4	10
17	13	9	8	3	3	1	.5	4.5	3	4	9.5	**14**
18	2.5	.5	.5	6	1.5	1.5	.5	2	1	6	14	5
19	1	0	.5	3	2.5	1	2	4	2	3	16	11.5
20	3.5	3.5	3	5.5	6.5	2.5	2.5	6	1	5	10	9
21	1	3.5	3	5	2	4	1.5	5.5	5	14	**24**	10.5
22	.5	0	0	.5	5.5	4	3.5	9	10.5	13	8	5
23	2	3.5	4.5	5	7	6.5	10	12	14.5	17.5	23	20
24	5.5	5.5	5	5.5	5.5	2	2	1	0	6	**13**	4.5
25	1.5	2	2	7	6.5	6	5.5	7	8	8	5	**8.5**
26	4	5	11	8	8	7.5	3.5	6	11.5	11.5	**16.5**	9
27	0	3	1	1	0	1	0	0	2.5	2.5	3	5
28	0	2	1	2.5	2.5	5	8.5	8	7.5	**9**	5	6
29	.5	0	0	0	.5	3	1	0	5	3.5	5.5	8.5
30	0	0	0	0	1	.5	2.5	4	5	1	5	7
31	2	.5	1	2	0	0	0	2.5	0	5.5	**14**	9.5
Mean	**2.3**	2.6	2.9	4.3	4	3.7	3.3	4.2	5.3	6	10	9.4

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	6	4	5	5	8	7	8	6	5	6	10	4	6.2	8	25
2	7	10	10	10	10	10	9	10	10	10	10	10	9.7	0	30
3	9	10	10	10	10	10	10	10	10	10	10	10	9.9	**0**	**00**
4	9	6	8	6	7	9	10	10	10	10	7	6	8.2	2	30
5	9	9	10	8	6	7	7	6	3	2	1	1	5.8	5	05
6	4	3	2	6	5	6	3	3	4	3	2	4	3.8	7	35
7	10	10	8	9	10	8	8	6	5	9	4	6	7.8	3	00
8	2	2	2	3	4	4	4	3	2	6	2	1	2.9	8	35
9	2	1	1	2	2	2	3	5	4	6	2	2	**2.7**	**8**	**45**
10	3	3	4	8	8	10	7	9	8	10	8	4	6.8	4	45
11	7	7	7	6	6	6	5	6	5	4	3	10	6	7	00
12	6	3	5	9	8	10	6	10	6	10	10	10	7.8	5	15
13	8	10	10	10	10	10	10	8	10	10	9	9	9.5	1	25
14	7	4	3	4	4	7	6	5	6	6	6	2	5	5	55
15	8	4	8	8	9	10	8	9	9	9	9	9	8.3	1	40
16	6	9	9	8	8	9	7	9	8	5	10	10	8.2	2	25
17	10	10	9	10	10	7	10	9	9	9	10	10	9.4	1	55
18	6	8	8	7	9	10	9	7	8	5	7	4	7.3	2	00
19	2	2	1	2	3	4	5	5	5	3	3	4	3.2	6	35
20	3	3	10	10	10	10	8	9	10	10	9	8	8.3	2	45
21	8	9	8	6	7	7	7	7	9	10	10	10	8.2	3	00
22	10	8	9	9	9	10	10	10	10	10	10	9	9.5	1	05
23	10	10	10	10	10	10	10	10	9	8	10	10	9.8	0	20
24	9	10	9	10	9	10	10	6	9	8	8	10	9	2	20
25	7	8	6	6	9	7	9	10	10	10	10	9	8.4	3	40
26	8	8	5	9	9	10	10	10	10	10	10	10	9.1	2	25
27	9	10	10	9	9	10	10	10	9	10	10	10	9.7	1	05
28	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
29	8	9	8	9	9	7	8	8	10	8	9	2	7.9	4	05
30	9	9	7	7	8	7	10	9	8	9	10	10	8.6	1	55
31	8	4	6	8	9	7	7	5	8	8	8	4	6.8	4	05
Total														110	05
Mean	7.1	**6.9**	7	7.5	7.9	**8.1**	7.9	7.7	7.7	7.9	7.6	7	7.5	3	33

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-Mdt.	Mean.
11	8.5	10.5	7.5	5	8.5	**12**	6.5	1.5	2	2	1	4.8
10	12.5	**20.5**	12	4	7	6.5	7.5	5	8	8	8	6.9
13.5	**17.5**	9.5	9	9	2	1	4.5	7.5	4.5	2.5	2	7.6
18	18	16	13	11.5	4.5	4	6	5	1.5	2.5	1	8
20	14.5	19.5	15	9	5	3	5	6	1	3	7	6.9
6	**14.5**	10	13.5	8.5	12	5.5	2	1.5	4	4.5	2	5.9
4.5	2	6.5	6	2.5	4	**7**	5.5	2	2	.5	1	3
11.5	9.5	10.5	8	3.5	2	4	5	6	4.5	5	5	4.3
8.5	8	6	4.5	1	7.5	7	5	2.5	4	3.5	1	3.9
10	9	10	**12**	4.5	3.5	0	0	.5	1	.5	0	3.8
8	10	**12**	8	**12**	10	6	1.5	4.5	5	2	.5	5.8
2	3	1.5	.5	7	6	3.5	4.5	3	2	1.5	.5	4.2
16.5	4	3	10.5	6	2	1	.5	1	2.5	2.5	2	5.9
10	6	9	8	2	4	4	3	2	2.5	3.5	3.5	5.6
9.5	5.5	3.5	1.5	2	7	2	1	1	3	3	2	4.5
21	**24**	22	21	14	9.5	11.5	18	18	23	17	20	10.6
13	10.5	9.5	13.5	2.5	2	1.5	3.5	2	.5	0	1.5	5.5
19	**20**	19	18	15	8	8	8.5	4.5	3	2	1	7
17.5	16	14.5	**19.5**	13	7.5	5.5	3.5	2.5	1	3	1	6.3
13	9	7.5	3.5	1	4.5	5.5	6	6	2.5	1	1	4.9
14.5	6	3.5	2.5	2	2	2	3.5	3	2	1.5	1.5	5.1
2.5	5.5	8.5	3	.5	7.5	12.5	**16**	9	7 .	6	3.5	5.9
34	31	24	26	23	13.5	12	7.5	12	16	15	9	**14.5**
5.5	9	6	3	6	.5	.5	.5	1.5	.5	3.5	4.5	4
7.5	3.5	1	0	4.5	8	3.5	.5	0	1.5	1.5	4	4.3
15	9.5	1.5	2.5	4	1.5	0	0	0	0	0	0	5.6
6	**11.5**	5	1.5	8	1.5	1	0	2.5	1	.5	.5	**2.4**
6	5	2.5	3	3.5	5	2	1.5	.5	0	0	0	3.6
11.5	13	**16.5**	15	10	6	4.5	1	0	.5	0	0	4.4
10.5	10	6	3	7.5	8.5	9.5	7.5	10	**11**	**11**	9	5.2
3.5	1.5	5	8.5	5.5	3.5	1.5	1.5	3.5	3	2	1	3.2
11.6	10.6	9.7	8.8	6.7	5.6	4.8	4.4	4	3.9	3.5	3	5.6

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1		2	5		1	1							2	2			11	116	2.9	
2	5	8	2													1	8	165	.3	5.1
3	5	2	6		3	1											7	182	1	10
4					2	6	4									1	11	192	2.7	1.3
5		2	1		3	4	2										12	165.5	3	.1
6	2	3	4	1	4										1		9	140.5	3.5	
7			3									1	1		1		18	71.5	1.4	
8					3		2					1	4	1			13	104	3	
9					2	1	4					6	1				10	92.5	2.9	
10		1	1			1						1	1		2		17	91	2.8	
11	3	5	3	5	2	1											5	139.5	3.7	
12	2	3	4	1			1				1		1				11	101.5	1.4	1.7
13	4	5	3	1	1				1							2	7	142.5	1.9	1
14		8	4	2							1	1					8	134	2.1	
15	2	2	3				2							1	1	1	12	107.5	2	
16	2	9	3		1							1					8	255	3.8	.1
17		6	1		2											2	13	132.5	2.6	.2
18		1		1	7	4	1								2		8	167	3.5	
19	2	1	1	1	8	1								1		1	8	151	3.9	
20	2	1			1	2	2					1	2	2	1		10	118.5	2.4	
21	3	2	2	2			3		2				1		1	2	6	123	2.3	.5
22	3	4	5		2	1											9	141	2.6	
23	10	10	2													2		**348.5**	**4.2**	
24	3	1		1			1		1	1			1	2	2	4	7	96.5	3	
25	1	6	1							1	3				1	3	8	102.5	2.9	
26	4	6	3					1									10	135.5	2.3	
27			1				1			1	1	1		1			18	58	.9	20.2
28		2	2		1	3									1	2	13	86	**.1**	**69.6**
29	1				1	6						1			1		14	105.5	2.7	
30		2	2			7	2			1		1	1	2			6	125	2.4	
31		1	1	1	1	3	1								2		14	77	2.5	
Total	54	93	63	16	45	42	26	1	4	4	6	15	15	12	16	21	311	4,167.5	76.7	109.8
Mean	1.7	3	2	0.5	1.5	1.4	0.8	**0**	0.1	0.1	0.2	0.5	0.5	0.4	0.5	0.7	**10**	134.4	2.5	3.5

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	760. 45	8. 30a.	31. 7	2. 30p.	95	22. 1	757. 70	3. 15p.	20. 3	5. 55a.	59	17. 5
2	61	9. 25a.	29	0. 05p.	98	22. 7	58. 25	2. 30p.	21. 7	5. 55a.	77	19. 4
3	59. 80	9. 25p.	29. 6	0. 35p.	97	21	56. 90	2. 30p.	21. 8	5. 05a.	65	17. 4
4	61. 10	11. 35p.	**32.7**	11. 50a.	97	21. 6	58. 05	3. 25p.	22. 4	0. 10a.	64	19. 5
5	61. 75	8. 45a.	32. 1	11. 35a.	97	22. 5	59. 15	3. 30p.	22. 2	11. 25p.	59	18. 9
6	62. 30	8. 00a.	32. 5	2. 35p.	93	21. 5	59	3. 25p.	20. 9	5. 55a.	56	18. 6
7	60. 95	8. 45a.	30. 8	2. 35p.	95	22. 6	58	2. 30p.	21. 9	11. 55p.	73	18. 6
8	60. 70	8. 25a.	30. 8	1. 40p.	97	20. 2	57. 57	3. 00p.	20	6. 40a.	64	17. 4
9	60. 70	8. 20a.	30. 8	2. 55p.	95	20. 4	57. 40	3. 30p.	19. 6	6. 20a.	61	16. 8
10	60. 46	9. 00a.	30. 2	0. 35p.	97	20. 8	58. 30	2. 15p.	19. 7	6. 20a.	65	16. 9
11	61. 25	8. 15a.	**32.7**	1. 05p.	91	20. 9	58. 30	3. 05p.	21. 6	6. 15a.	57	17. 8
12	60. 65	9. 20p.	31. 3	11. 15a.	94	**23.1**	58. 15	3. 00p.	22. 3	5. 20a.	65	18
13	60. 49	9. 00a.	30. 4	0. 25p.	97	22. 3	57. 35	3. 55p.	21. 9	6. 05a.	74	**19.7**
14	59. 75	9. 05a.	31. 8	2. 45p.	97	22. 9	56. 60	3. 40p.	22. 2	6. 30a.	70	19. 4
15	59. 95	9. 25p.	29. 8	9. 50a.	94	22. 5	57. 15	3. 10p.	**22.9**	4. 05a.	75	19. 4
16	60. 70	9. 10a.	31. 2	1. 15p.	96	21. 5	58. 32	3. 00p.	22. 3	6. 30a.	63	17. 6
17	60. 50	8. 50a.	30. 9	3. 05p.	92	19. 4	57. 70	3. 15p.	21. 6	11. 45p.	60	16. 9
18	61. 60	8. 55a.	30. 1	3. 20p.	95	18. 1	58. 90	3. 20p.	20. 5	3. 35a.	58	16. 3
19	61. 70	9. 15a.	31. 1	1. 40p.	96	**17.8**	58. 80	2. 50p.	19. 5	5. 50a.	**53**	**15.3**
20	61. 04	10. 00a.	28. 8	2. 30p.	93	19	58. 43	3. 00p.	18. 9	6. 30a.	64	15. 9
21	60. 95	8. 15a.	29. 8	0. 30p.	95	18. 8	57. 74	3. 00p.	**18.6**	5. 50a.	62	15. 7
22	59. 80	0. 05a.	29. 1	9. 35a.	93	20. 3	57. 25	2. 30p.	21. 8	6. 20a.	70	16. 9
23	**59.55**	9. 00p.	30. 3	11. 35a.	91	19. 1	**56.55**	3. 20p.	20. 8	4. 30a.	63	16. 5
24	61	10. 20p.	30. 9	2. 05p.	91	19	57. 99	3. 00p.	22. 3	6. 45a.	55	16. 5
25	62. 24	9. 00a.	29. 9	10. 25a.	**88**	19. 9	59. 07	3. 00p.	20. 6	5. 55a.	65	16
26	61. 55	11. 15p.	29. 4	9. 55a.	94	21	58. 95	2. 45p.	22. 2	5. 10a.	69	18. 2
27	62. 95	9. 15p.	29. 5	1. 15p.	97	21. 3	60. 10	2. 20p.	21. 8	5. 40a.	73	19. 2
28	**64.25**	8. 55a.	**24.3**	1. 50p.	97	20. 7	**61.20**	2. 20p.	22	9. 50p.	**90**	19. 2
29	63. 10	9. 20a.	29. 5	2. 15p.	**99**	19. 6	60. 05	2. 50p.	20. 3	6. 25a.	63	17. 1
30	62. 85	8. 40a.	29	2. 30p.	97	20. 8	59. 45	3. 25p.	19. 3	6. 20a.	69	16. 5
31	62. 15	10. 00p.	30. 5	1. 20p.	**99**	20. 2	59. 55	1. 45p.	19. 2	6. 15a.	65	15. 8
Mean	761. 20	--------	30. 3	--------	95. 1	20. 8	758. 32	--------	21. 1	--------	65. 4	17. 6

DAILY GENERAL REMARKS.

1----Cloudy weather.
2----d in the morning; ● in the afternoon and evening.
3----● in the early morning, afternoon and evening.
4----Somewhat gusty ESE winds at noon; d in the afternoon; ● at night.
5----d° in the early morning; ≡° a. p.
6----Cloudy weather.
7----≡° a., d in the afternoon.
8----⌓, ≡ a.; ≡° p.
9----≡, ⌓² convergence of cirrus toward E in the morning.
10----≡° a.; d° in the afternoon.
11----Cloudy weather.
12----●° in the afternoon.
13----≡° a.; ●°, ⌒ in the afternoon.
14----≡° a.; p° 12.45 p.
15----Overcast.
16----≡° a.; d° at night.
17----≡°; d° in the early morning.
18----≡° a.
19----≡° a.; somewhat gusty E winds in the afternoon.
20----≡° a. p.; coloration of clouds at sunset.
21----≡° a.; coloration of clouds at sunset; ●° at night.
22----≡° a.; d° in the morning and afternoon.
23----Somewhat gusty NNE winds in the afternoon.
24----≡° p.
25----≡° p.; p°, ⌒ in the afternoon.
26----≡° a.; d° in the afternoon.
27----≡° a.; ● p.
28----Rainy in the morning and afternoon.
29----≡ a. p.; somewhat gusty ESE winds in the afternoon.
30----≡°, slight coloration of upper clouds at sunrise.
31----≡° a.; Ci.-S. extended from NNW to SSE in the afternoon.

GENERAL SUMMARY FOR 1910.

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS FOR 1910 AND COMPARISONS WITH THEIR NORMAL VALUES.

Month.	Atmospheric pressure.									
	Mean, 1910.	Normal, 1885-1910.	Departure.	Mean maximum.	Mean minimum.	Absolute maximum.	Day.	Absolute minimum.	Day.	Range.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*		*mm.*		*mm.*
January	760. 16	761. 07	— . 91	761. 58	758. 49	763. 85	27	755. 89	13	7. 96
February	59. 74	61. 30	—1. 56	61. 21	58. 02	64. 75	3	56. 05	17	8. 70
March	59. 51	60. 52	—1. 01	60. 99	57. 73	63	10	55. 10	18	7. 90
April	58. 58	59. 38	— . 80	60. 05	56. 72	61. 70	15	54. 55	19	7. 15
May	57. 58	58. 36	— . 78	59. 04	55. 92	61. 10	20	53. 15	7	7. 95
June	58. 06	57. 93	+ . 13	59. 26	56. 49	60. 95	12	54. 80	4	6. 15
July	57. 75	57. 34	+ . 41	59. 07	56. 46	62. 70	7	54. 20	14	8. 50
August	57. 19	57. 41	— . 22	59. 39	55. 76	59. 42	22	54. 53	31	4. 89
September	57. 23	57. 50	— . 27	58. 75	55. 67	61. 70	18	52. 35	29	9. 35
October	59. 27	58. 60	+ . 67	60. 60	57. 89	62. 15	18	54. 75	31	7. 40
November	58. 01	59. 33	—1. 32	59. 48	56. 39	61. 35	4	51. 45	22	9. 90
December	59. 84	60. 43	— . 59	61. 20	58. 32	64. 25	28	56. 55	23	7. 70
Year	758. 58	759. 10	—0. 52	760. 05	756. 99	764. 75	II, 3	751. 45	XI, 22	13. 30

Month.	Temperature in shade.									
	Mean, 1910.	Normal, 1885-1910.	Departure.	Mean maximum.	Mean minimum.	Absolute maximum.	Day.	Absolute minimum.	Day.	Range.
	°C.	°C.	°C.	°C.	°C.	°C.		°C.		°C.
January	24. 4	25	— . 6	30. 6	20	32. 8	10	17. 4	30	15. 4
February	25. 6	25. 3	+ . 3	31. 2	21. 3	33. 2	27	19. 5	28	13. 7
March	26. 2	26. 7	— . 5	32. 3	21. 7	35	27, 29	18. 6	2	16. 4
April	27. 2	28. 2	—1	33. 4	22. 3	35. 2	16	20. 1	9	15. 1
May	27. 4	28. 5	—1. 1	32. 6	23. 6	34. 4	5, 12, 22	21	18	13. 4
June	27. 2	27. 9	— . 7	33. 2	23. 4	34. 5	8, 10, 15	21. 9	18	12. 6
July	26. 7	27. 1	— . 4	31. 9	23. 1	34	25	21. 6	8	12. 4
August	26. 9	27. 1	— . 2	31. 8	23. 6	34. 6	20	21. 7	25	12. 9
September	26. 1	26. 9	— . 8	31	23. 3	33. 7	8	22. 4	7	11. 3
October	25. 9	26. 8	— . 9	31. 2	22. 7	33. 5	30	21	19	12. 5
November	25. 6	26	— . 4	30. 6	22. 5	33. 2	3	20. 4	22	12. 8
December	24. 8	25. 2	— . 4	30. 3	21. 1	32. 7	4, 11	18. 6	21	14. 1
Year	26. 17	26. 73	—0. 56	31. 7	22. 4	35. 2	IV, 16	17. 4	I, 30	17. 8

Month.	Relative humidity.									
	Mean, 1910.	Normal, 1885-1910.	Departure.	Mean maximum.	Mean minimum.	Maximum.	Day.	Minimum.	Day.	Range.
	Per cent.	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*		*Per cent.*		*Per cent.*
January	77. 1	77. 9	— . 8	93	57. 3	97	2, 30	44	7	53
February	74. 7	73. 9	+ . 8	90. 1	57	98	14	40	25	58
March	73. 4	71. 8	+1. 6	90. 2	54. 3	99	24	38	1	61
April	72. 5	69. 7	+2. 8	90. 4	53. 9	99	25	36	1	63
May	79. 9	76. 2	+3. 7	92. 2	64. 3	99	20, 29	54	10,11,13	45
June	82	81	+1	95. 7	63. 3	99	25	51	15	48
July	84	84. 7	— . 7	96. 5	68. 1	99	2,3,23,24	58	6	41
August	84. 6	84. 9	— . 3	95. 9	70. 4	99	3, 10	59	18	40
September	87. 5	85. 7	+1. 8	96. 8	73. 2	99	9,10,16,29	62	8	37
October	85. 5	83. 7	+1. 8	96	69. 1	99	2,3,21,26	52	30	47
November	85. 5	82. 7	+2. 8	95. 8	69. 8	99	9, 22	58	25	41
December	82. 8	81. 3	+1. 5	95. 1	65. 4	99	29, 31	53	19	46
Year	80. 8	79. 5	+1. 3	94. 0	63. 8	99	various	36	IV, 1	63

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS, ETC.—Continued.

Month.	Vapor pressure.									
	Mean, 1910.	Normal, 1885-1910.	Departure.	Mean, maximum.	Mean, minimum.	Maximum.	Day.	Minimum.	Day.	Range.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*		*mm.*		*mm.*
January	17.4	18.2	—.8	19.3	15.9	22.7	4	14	28	8.7
February	18	17.6	+.4	19.6	16.4	22.7	18	12.2	25	10.5
March	18.3	18.3	0	20.3	16.6	22.5	21	12.5	1	10
April	19.1	19.5	—.4	21.2	17.4	25.2	18	14.2	1	11
May	21.5	21.8	—.3	23.5	19.8	25.3	7, 18	17.2	2	8.1
June	21.8	22.4	—.6	23.7	19.9	25	1	18.3	18	6.7
July	21.6	22.4	—.8	23.4	19.8	25.2	22	17.3	7	7.9
August	22.1	22.5	—.4	23.1	20.4	26.5	23	17.4	23	9.1
September	21.9	22.5	—.6	23.7	20.5	25.5	21	19.9	18	5.6
October	21	21.8	—.8	23.2	19.4	24.6	21	17	19	7.6
November	20.7	20.5	+.2	22.7	19.1	24.6	10	16.2	22	8.4
December	19.1	19.2	—.1	20.8	17.6	23.1	12	15.3	19	7.8
Year	20.2	20.6	—.4	22.0	18.6	26.5	VIII,23	12.2	II, 25	14.3

Month.	Relative frequency of the wind from—											
	NNE—E.			ESE—S.			SSW—W.			WNW—N.		
	Mean, 1910.	Normal, 1885-1910	Departure.	Mean, 1910.	Normal, 1885-1910	Departure.	Mean, 1910.	Normal, 1885-1910	Departure.	Mean, 1910.	Normal, 1885-1910	Departure.
January	8	8.2	—.2	4	3.5	+.5	2	3.5	—1.5	3	3.9	—.9
February	6	7.7	—1.7	6	4.9	+1.1	2	3.8	—1.8	4	2.8	+1.2
March	7	7.2	—.2	6	7.2	—1.2	3	3.5	—.5	3	2	+1
April	5	5.9	—.9	8	8.2	—.2	3	3.8	—.8	3	1.8	+1.2
May	5	5	0	4	5.5	—1.5	8	6.2	+1.8	2	2.4	—.4
June	5	4.5	+.5	7	4.9	+2.1	2	7.5	—5.5	2	2.4	—.4
July	3	3.2	—.2	2	3.8	—1.8	8	10	—2	3	2.5	+.5
August	3	2.8	+.2	2	3	—1	10	11.3	—1.3	3	2.5	+.5
September	3	3.4	—.4	4	3.6	+.4	8	9.6	—1.6	2	2.5	—.5
October	6	5.8	+.2	2	3.2	—1.2	4	5.5	—1.5	3	3.3	—.3
November	6	7.7	—1.7	2	2.6	—.6	2	3.2	—1.2	6	4.6	+1.4
December	7	8.4	—1.4	2	2.2	—.2	1	2.6	—1.6	3	4.7	—1.7
Year	5.3	5.8	—0.5	4.1	4.4	—0.3	4.4	5.9	—1.5	3.1	3.0	+0.1

Month.	Velocity of the wind.									
	Mean, 1910.	Normal, 1885-1910.	Departure.	Daily maximum.	Day.	Daily minimum.	Day.	Range.	Hourly maximum.	Day and hour.
	Km.	*Km.*	*Km.*	*Km.*		*Km.*		*Km.*	*Km.*	
January	142.7	168.2	— 25.5	281.5	31	34.5	20	247	29	31, 1— 2 p.
February	185.8	192.5	— 6.7	343	4	72	11	271	34.5	1, 10—11 a.
March	199.3	226.7	— 27.4	303.5	26	132.5	7	171	30	1, 1— 2 p.
April	198.3	237.3	— 39	286	18	88.5	27	197.5	28.5	18, 4— 5 p.
May	207.2	229.4	— 22.2	533.5	7	68	30	465.5	38	7, 10—11 a. 8, 4— 5 p.
June	123.6	231.4	—107.8	194.5	6	50.5	13	144	23.5	11, 10—11 a.
July	192.5	270.4	— 77.9	435.5	10	56.5	22	379	41	31, 6— 7 p.
August	244.6	284.2	— 39.6	386.5	8	56.5	21	330	39	11, 2— 3 p.
September	229	267.8	— 38.8	586.5	3	72	15	514.5	40	3, 3— 4 a.
October	151.9	182.1	— 30.2	329	31	76.5	12	252.5	37	9, 2— 3 p.
November	176.3	164.1	+ 12.2	516.5	14	50	29	466.5	32	14, 11—noon.
December	134.4	155.3	— 20.9	348.5	23	58	27	290.5	34	23, 12— 1 p.
Year	182.1	217.4	— 35.3	586.5	IX, 3	34.5	I, 20	552.0	41.0	VII, 31, 6—7p.

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS, ETC.—Continued.

Month.	Duration of sunshine.											Amount of clouds.		
	Mean, 1910.		Total, 1910.		Normal, 1890–1910.		Departure.		Maximum.		Day.	Mean, 1910.	Normal, 1885–1910.	Departure.
	h.	*m.*	*h.*	*m.*	*h.*	*m.*	*h.*	*m.*	*h.*	*m.*		*0–10.*	*0–10.*	*0–10.*
January	6	29	200	45	193	23	+ 7	22	9	15	8	5.5	5.2	+0.3
February	6	02	168	50	202	43	— 33	53	10	25	25	6.2	4.7	+1.5
March	5	49	180	10	240	17	— 60	07	10	10	27, 29	6.5	4.4	+2.1
April	7	22	221	15	265	52	— 44	37	11	35	17	5.7	4	+1.7
May	6	44	208	55	232	48	— 23	53	10	45	4	7.2	5.7	+1.5
June	5	37	168	40	173	40	— 5	00	9	45	14, 15	7	6.9	+ .1
July	5	30	170	15	153	41	+ 16	34	10	15	26	7.5	7.7	— .2
August	5	59	185	30	145	58	+ 39	32	10	30	4	7.7	7.8	— .1
September	2	53	86	40	138	04	— 51	24	8	50	7	8.9	7.7	+1.2
October	4	53	151	35	171	22	— 19	47	10	30	24	7.2	6.6	+ .6
November	3	57	118	20	158	53	— 40	33	9	45	15	8.2	6.4	+1.8
December	3	33	110	05	158	34	— 48	29	8	45	9	7.5	6.1	+1.4
Year	5	24	1,971	00	2,235	15	—264	15	11	35	IV, 17	7.1	6.1	+1.0

Month.	Rainfall.									
	Total, 1910.	Normal, 1865–1910.	Departure.	Daily maximum.	Day.	Hourly maximum.	Day and hour.	Rainy days, 1910.	Normal, 1866–1910	Departure.
	mm.	*mm.*	*mm.*	*mm.*		*mm.*				
January	6.2	27.6	— 21.4	4.8	24	4.8	24, 3–4p.	3	5	— 2
February	11.1	10.5	+ .6	6.9	11	2.8	11, 7–8a.	5	3	+ 2
March	16	19	— 3	8	4	8	4, 4–5p.	5	3	+ 2
April	94.1	31.2	+ 62.9	61.8	24	12.5	24, 6–7p.	6	4	+ 2
May	192.5	112.2	+ 80.3	50.8	18	28.4	18, 12–1a.	15	10	+ 5
June	79.3	239.4	—160.1	21.5	28	17	28, 2–3p.	14	16	— 2
July	214.9	389.2	—174.3	61.4	16	38.9	7, 8–9p.	16	21	— 5
August	274.6	351.4	— 76.8	62.5	13	44.5	13, 9–10a.	20	21	— 1
September	499.1	366.1	+133	48.4	6	34.1	9, 10–11p.	26	21	+ 5
October	245.4	192.9	+ 52.5	43.6	3	36.8	14, 1–2p.	22	16	+ 6
November	184.7	132.9	+ 51.8	32.9	18	23.6	18, 1–2a.	25	13	+12
December	109.8	62.5	+ 47.3	69.6	28	14.5	27, 5–6p.	11	9	+ 2
Year	1,927.7	1,934.9	— 7.2	69.6	XII, 28	44.5	VIII, 13, 9–10a.	168	142	+26

APPENDIX.

MONTHLY AMOUNTS OF RAIN OVER 500 MILLIMETERS REGISTERED IN THE OBSERVATORY SINCE THE YEAR 1865.

Year.	Month.	Amount.
		mm.
1865	September	687.9
1867	do	1,469.7
1869	October	589.7
1872	August	798.8
1876	September	520.3
1877	July	602
1877	August	1,095.2
1880	July	809.8
1882	do	573.6
1883	July	754.6
1884	do	721
1887	September	738
1888	July	680.6
1890	September	536.7
1891	June	655.5
1891	July	642.7
1895	June	539.5
1896	August	650.2
1899	July	1,190.9
1900	August	770.9
1902	September	523.3
1904	July	682.2
1905	do	594.4
1907	do	504
1908	August	645
1909	July	561.8

DAILY AMOUNTS OF RAIN ABOVE 100 MILLIMETERS REGISTERED IN THE OBSERVATORY SINCE THE YEAR 1865.

Year.	Date.	Amount.
		mm.
1865	Sept.	114
1867	July 12	145
1867	Sept. 23	135
1867	Sept. 24	336
1867	Sept. 25	306.3
1867	Sept. 26	162.4
1867	Sept. 30	126
1867	Oct. 7	172
1868	Nov. 22	139.1
1869	June 23	102.8
1869	July 19	101.8
1869	Aug. 2	107.6
1869	Aug. 20	105.2
1869	Sept. 26	128
1870	May 12	101.8
1872	Aug. 2	226.5
1872	Aug. 3	129.2
1872	Aug. 22	176.1
1874	Aug. 30	124.8
1876	July 17	104.5
1876	Sept. 13	117.8
1877	June 21	111.4
1877	Aug. 1	118
1877	Aug. 14	149.1
1877	Aug. 15	192.7
1878	July 30	128.8
1879	Sept. 20	162.3
1879	Nov. 20	102.6
1880	July 29	166
1880	July 30	290.1
1880	Aug. 4	111.6
1880	Sept. 15	213.1
1881	May 24	166.8
1881	June 28	119.6
1881	June 29	139.3
1881	Aug. 20	118.8
1882	July 28	176.8
1882	Oct. 20	165.2
1883	Jan. 1	186.1
1883	July 28	154.6
1883	July 29	156.9
1883	July 30	114
1884	July 20	178.3
1884	July 21	179.5
1887	do	115.7
1887	Sept. 19	164.8
1887	Sept. 20	125.3
1887	Oct. 5	118.6
1888	July 23	109.2
1888	Aug. 16	107.4
1890	July 15	124.3
1890	July 16	189.1
1890	Nov. 11	153.8
1891	June 15	252.7
1891	July 25	136.8
1891	July 26	139.4
1891	Sept. 15	115.8
1891	Nov. 16	180.6
1895	June 24	143.4
1895	June 25	111.6
1895	June 26	106.5
1895	Sept. 2	115.6
1899	June 28	105.2
1899	July 9	209.8
1899	July 10	158.7
1899	July 18	169.3
1899	July 19	253.5
1899	July 20	148.8
1899	Sept. 20	180.8
1900	June 27	107
1901	Oct. 3	103.9
1901	Oct. 14	101.4
1902	June 17	116.3
1902	Sept. 22	123.2
1904	June 25	107.4
1904	July 12	226.2
1904	July 13	197.5
1905	Apr. 29	143.1
1905	July 1	185.6
1905	July 2	200.4
1906	May 18	144.9
1907	July 29	141.9
1907	Oct. 26	124.7
1908	May 29	121.6
1908	Aug. 5	102.8

GREATEST HOURLY AMOUNTS OF RAIN OVER 40 MILLIMETERS REGISTERED IN THE OBSERVATORY SINCE THE YEAR 1886.

Year.	Date and hour.	Amount.
		mm.
1886	Aug. 26, 5–6 p. m	42
1887	Sept. 18, 6–7 p. m	52.5
1888	July 23, 4–5 a. m	42.8
1888	Aug. 27, 2–3 a. m	47
1888	Sept. 17, 7–8 p. m	47
1889	June 30, 2–3 p. m	47.2
1889	Aug. 6, 2–3 p. m	48
1890	July 16, 5–6 p. m	50.3
1891	May 29, 7–8 p. m	42
1891	June 15, 7–8 a. m	55
1891	Sept. 15, 5–6 p. m	50.3
1891	Nov. 15, 3–4 p. m	49.8
1892	May 21, 5–6 p. m	60
1894	Mar. 9, 0–1 p. m	45.8
1896	Sept. 6, 1–2 a. m	44
1897	Aug. 28, 3–4 p. m	46
1898	Sept. 14, 1–2 a. m	47.2
1899	July 19, 1–2 a. m	51.3
1902	June 1, 4–5 p. m	48.5
1903	Aug. 26, 7–8 p. m	52.2
1904	July 13, 2.35–3.25 a. m	46
1904	July 12, 1.50–2.30 p. m	44.5
1904	Sept. 20, 3–4 p. m	41.2
1905	Apr. 29, 8–9 p. m	65
1905	June 8, 11–12 m. n	57.4
1907	July 29, 9–10 p. m	48.4
1909	May 10, 1–2 p. m	47
1909	June 18, 4–5 a. m	43.2
1910	Aug. 13, 9–10 a. m	44.5

DEPARTMENT OF THE INTERIOR
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ANNUAL REPORT

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DIRECTOR OF THE WEATHER BUREAU

FOR THE YEAR 1910

PART III

METEOROLOGICAL OBSERVATIONS MADE AT THE SECONDARY STATIONS DURING THE CALENDAR YEAR 1910

MANILA
BUREAU OF PRINTING
1913

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LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR, WEATHER BUREAU,
Manila, June 30, 1913.

SIR: I have the honor to submit the Annual Report for 1910, Part III, containing meteorological observations of the secondary stations during 1910.

JOSÉ ALGUÉ, *Director.*

Hon. DEAN C. WORCESTER,
Secretary of the Interior, Manila, P. I.

INTRODUCTION.

In this volume (Part III) of the report of the Director of the Weather Bureau for 1910 we publish the meteorological observations made in the various stations which at present constitute the meteorological service of the Philippines, a service established by Act No. 131 of the Philippine Commission May 22, 1901.

In Part II of the report for 1902, pages 52 to 60, will be found a detailed account of the establishment and organization of these branch stations and a list of the instruments with which they are equipped, according to their class.

The reports of the various observers are carefully collated and examined at the Central Observatory, but it is evident that the Directors cannot assume the full responsibility for the accuracy of these observations. As every meteorologist knows, in observations of this kind much must be left to the conscientious care of the observer. Hence, while we take this opportunity to express our confidence in our observers, we think it proper to subjoin the following list, which gives some particulars about the stations and also the names of the observers who are primarily responsible for the accuracy of the observations published in this volume (Part III) of the Annual Report of the Weather Bureau.

SECONDARY STATIONS AND OBSERVERS OF THE WEATHER BUREAU.

Town.	Province.	Island.	North latitude.		East longitude.		Observer.	Class.
			°	′	°	′		
Zamboanga	Moro	Mindanao	6	54	122	05	Francisco Ventus	III
Davao	do	do	7	01	125	35	Lamberto Garcia	III
Butuan	Agusan	do	8	56	125	32	Generoso Copin	III
Yap	Western Carolines	Yap	9	29	138	08	Mateo Gimenez	III
Tagbilaran	Bohol	Bohol	9	38	123	51	Generoso M. Visarro Jose E. Araneta Vicente L. Fama	II
Surigao	Surigao	Mindanao	9	48	125	29	Leoncio Santos	II
Maasin	Leyte	Leyte	10	08	124	50	Aguedo Espina	III
Cebu	Cebu	Cebu	10	18	123	54	Domingo de los Angeles	I
Iloilo	Iloilo	Panay	10	42	122	34	Ricardo A. Luna	I
San Jose de Buenavista	Antique	do	10	44	121	55	Benito Pelaez Jose E. de Leon	III
Ormoc	Leyte	Leyte	11	00	124	36	Pedro Baltasar	I
Tacloban	do	do	11	15	125	00	Perfecto Paulino	II
Capiz	Capiz	Panay	11	35	122	45	Jose E. de Leon Juan Lugod	II
Calbayog	Samar	Samar	12	04	122	36	Segundo Peñaflorida	II
Masbate	Sorsogon	Masbate	12	22	123	36	H. L. Heath	IV
Romblon	Capiz	Romblon	12	35	123	16	Dominador Calvo Ramon Pazos	III
Legaspi	Albay	Luzon	13	09	123	45	Bernardino Costa	I
Sumay	Ladrone Islands	Guam	13	24	144	38	Herbert Taylor	III
Virac	Albay	Catanduanes	13	35	124	14	Juan Lugod Gregorio Peralta	III

SECONDARY STATIONS AND OBSERVERS OF THE WEATHER BUREAU—Continued.

Town.	Province.	Island.	North latitude.		East longitude.		Observer.	Class.
			°	′	°	′		
Nueva Caceres	Ambos Camarines	Luzon	13	37	123	11	Eduardo Ontengco	III
Batangas	Batangas	do	13	45	121	03	Enrico Cabral	III
Atimonan	Tayabas	do	14	00	121	55	Leon G. Guinto	I
Iba	Zambales	do	15	20	119	58	Deogracias Tablan	III
San Isidro	Nueva Ecija	do	15	22	120	53	Bernardo Pecache	II
Dagupan	Pangasinan	do	16	03	120	20	Domingo Torres	I
Bolinao	do	do	16	24	119	53	Ezequiel Reinoso	II
Baguio	Mountain	do	16	25	120	36	Jose M. Sison	I
San Fernando	Union	do	16	37	120	19	Francisco Burgos	III
Candon	Ilocos Sur	do	17	12	120	26	Luis Quismorio	IV
Vigan	do	do	17	34	120	23	Pastor Daroy	II
Tuguegarao	Cagayan	do	17	36	121	40	Jose C. de Leon	II
Laoag	Ilocos Norte	do	18	12	120	35	Jose Saez	III
Aparri	Cagayan	do	18	22	121	38	Manuel Delgado	I
Santo Domingo	Batanes	Batan	20	28	121	59	Claudio Castillejos	III

REMARKS.

The hours of observation at the first and second class stations are 2 a. m., 6 a. m., 10 a. m., 2 p. m., 6 p. m., 10 p. m.; at the third and fourth class stations, 6 a. m. and 2 p. m. The time used is that of the one hundred and twentieth meridian east of Greenwich.

The barometer readings are reduced to sea level and 0°C., but no correction has been applied to eliminate the effect of gravity depending on the latitude of the place of observation.

INTERNATIONAL SYMBOLS FOR CLOUD FORMS.

Ci. =Cirrus.
Ci.-S. =Cirro-stratus.
Ci.-Cu. =Cirro-cumulus.
A.-Cu. =Alto-cumulus.
A.-S. =Alto-stratus.
S.-Cu. =Strato-cumulus.
N. =Nimbus.
Cu. =Cumulus.
Cu.-N. =Cumulo-Nimbus.
S. =Stratus.
Fr.-Cu. =Fracto-cumulus.
Fr.-N. =Fracto-nimbus.
Fr.-S. =Fracto-stratus.
S.-cf. =Stratus-cumuliformis.
N.-cf. =Nimbus-cumuliformis.
M.-Cu. =Mammato-cumulus.

METEOROLOGICAL OBSERVATIONS MADE AT FIRST AND SECOND CLASS STATIONS DURING THE CALENDAR YEAR 1910.

TAGBILARAN.

[ϕ=9° 38′ N ; λ=123° 51′ E ; barometer above sea, 21.8 meters ; gravity correction not applied, —1.86 mm.]

JANUARY, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.06	57.57	57.99	56.06	56.23	57.98	25	24.3	27	28.8	27.5	25.1	30.6	23	83	85	81	78	77	82	------
2	57.57	58.77	59.30	56.83	57.17	59.03	24	23.2	27.1	28.4	27.2	26.5	30.5	22.1	81	85	78	75	75	80	7.6
3	58.91	59.40	60.39	58.25	58.58	59.81	25.8	25	26.7	26.8	27	25	28.7	23.1	82	83	90	86	84	90	8.4
4	59.14	59.50	60	57.10	58.18	59.36	24.8	24.3	26.9	30	27.2	25.5	31.3	22.4	84	85	81	71	75	80	------
5	58.88	59.30	59.84	56.82	57.94	59	24.8	24	27.7	30	27.5	26.5	31.9	21.5	83	87	75	64	75	86	------
6	57.53	58.03	58.64	56.52	56.56	57.44	25.8	25	27.5	29	28.1	26.6	31	23.3	83	80	79	65	74	77	------
7	56.41	56.69	57.28	55.68	56.18	57.19	25.8	25.3	27.5	27.5	26	25.4	29.7	23.8	80	82	78	78	84	80	5
8	56.94	57.11	57.75	55.08	55.34	56.39	24.7	24	27.5	29	27.7	26.3	30.6	22.3	83	86	73	70	78	79	------
9	56	56.03	56.98	55.04	55.93	57.34	25.1	24.4	27.9	28.9	27.5	25.5	31.9	23.4	83	87	77	73	70	88	------
10	56.88	57.43	57.86	54.58	55.03	56.48	25.3	24.7	28.7	29.7	27.2	26.8	31.4	23	85	82	72	55	71	74	2.3
11	55.91	56.08	56.93	53.82	54.62	56.13	25.7	25	27.3	29.5	27.6	26.5	30.7	23	84	85	83	69	76	76	.8
12	55.44	55.90	56.73	54.99	55.18	56.30	25.7	25	28.5	28.2	27.3	26.5	30.3	23.4	82	88	75	77	84	90	------
13	56.11	56.20	56.73	54.82	55.15	56.25	25	24.2	28	30	26.8	25.5	31	22.1	86	82	71	66	86	84	------
14	55.88	55.82	57.13	55.93	56.07	57.07	25	24.2	28.5	27.5	26.3	27	31	23	86	86	67	78	86	83	1.6
15	57.03	57.15	58.05	55.61	56.72	58	24.9	24	27	29.3	27.5	25.7	31	23.2	87	91	76	59	73	82	------
16	57.81	58.10	58.97	57.17	57.12	58.30	25	24.5	27.3	29	27.6	26.4	29.8	22.3	81	79	72	68	81	76	.3
17	57.99	58.24	58.80	55.48	56.68	57.23	25.5	24.5	27.2	28.4	27.5	26.8	29.4	22.8	82	87	79	74	75	79	1.3
18	56.95	57.08	57.63	55.82	56.24	58.08	25.5	24.7	27.4	28.2	26.2	26.2	30.8	23.4	82	87.	84	79	85	85	12.5
19	57.38	57.54	58.21	56.81	57.08	58.26	25.3	24.5	27.8	27.7	25.9	25.7	30.3	23.1	88	87	81	83	88	85	49.3
20	57.95	58.33	59.88	57.64	58.73	59.83	25.5	24.7	27.3	29.1	25.5	25.5	30.4	22.7	86	86	86	77	87	89	18.6
21	58.94	58.95	59.99	57.98	58.51	59.88	24.7	24	27.4	27	25.8	25.5	30.8	22.1	88	87	80	87	84	84	34.1
22	59.09	59.21	60.51	58.17	58.12	59.90	24.8	24	26.6	27.5	26.9	25	30.6	22.3	86	87	78	78	80	83	.3
23	59.71	59.74	60.49	57.62	57.99	59.91	24.5	24.2	27.2	28.5	27.4	25.4	30.5	22.5	82	83	75	67	74	74	------
24	59.14	59.21	60.49	56.99	57.94	59.30	24.8	24	27	29.7	28.5	26.7	31.5	22.3	76	78	84	69	74	78	------
25	58.71	58.48	59.37	57.48	57.24	58.93	25.8	25	28.8	27.7	27.8	26.3	31.1	21.8	78	80	75	78	83	82	1
26	58.35	58.50	59.79	57.73	58.03	59.28	25.5	24.9	27.4	28.2	26.7	26	29.5	23	84	87	81	75	86	82	3.8
27	59.11	59.67	60.22	58.43	58.36	59.96	25	24.3	27.5	28.2	27.4	25.4	29.5	22.6	83	85	76	72	78	84	7.9
28	59.61	59.39	60.15	57.94	57.90	58.90	25	24.2	27	27.8	26.2	25	30.2	23.2	87	90	72	74	82	88	.8
29	58.04	57.95	59.21	57.18	56.96	58.10	24.8	24.5	26	27.8	26.9	26	30.2	24	85	83	74	70	77	76	------
30	57.91	58.65	59.19	56.96	57.09	58.89	25.8	25.6	27.4	28.6	27	26	30.7	23.7	79	82	75	70	80	80	------
31	58.05	58.21	58.98	56.60	56.62	58.23	25.5	24.8	27.9	30	27.5	26	31.5	23.3	84	87	72	71	79	84	7.4
Mean	57.76	58.01	58.82	56.55	56.95	58.28	25.2	24.5	27.5	28.6	27.1	25.9	30.6	22.8	83.3	84.8	77.4	72.8	79.4	81.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	163

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	NNE	2	NNE	2	SE	2	NW	2	N	2	8	Ci.-S.	Cu. E	9	------------	Cu.-N. E
2	N	1	NNW	1	NNE	2	SE	2	SE	2	NNE	2	9	A.-Cu.	Cu.-N. E	10	------------	Cu.-N. NE
3	NNE	1	NNE	1	NNE	2	NE	1	N	1	NNE	1	10	------------	Cu.-N. E	10	Ci.-S.	Cu.-N. N
4	N	1	NNE	2	NNE	1	SE	3	NNE	2	NNE	1	10	Ci.-S.	Cu.-N. NNE	7	Ci.-S.	Cu. E
5	NNE	1	NNE	2	NNE	2	NNE	2	NE	2	NNE	1	8	Ci.-S. SE	Cu. WNW	8	Ci.-S.	Cu.-N. E
6	NNE	1	NNE	1	NE	2	ENE	2	NNE	2	NNE	1	8	------------	Cu.-N. NE	8	Ci.-S. SW	Cu.-N. E
7	ENE	1	ENE	1	NNE	2	ESE	2	NNE	1	N	1	10	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. ENE
8	NNE	1	ENE	1	NNE	1	NNE	2	NNE	1	NE	1	8	Ci.-S.	Cu.-N. ENE	7	------------	Cu. E
9	N	1	ENE	1	SE	2	SE	2	NNE	2	N	1	7	------------	Cu.-N. ENE	8	------------	Cu.-N. E
10	NNE	1	NNE	1	NNE	2	NE	3	NNE	2	ENE	2	9	Ci.-S.	Cu. E	7	Ci.-S.	Cu.-N. ENE
11	N	1	NNE	1	NNE	2	NE	2	NNE	1	N	3	10	------------	Cu.-N. E	8	------------	Cu.-N. ENE
12	NNE	1	SE	1	NNE	1	NNE	1	NE	1	N	1	10	------------	Cu.-N. E	10	------------	Cu.-N. E
13	N	1	NNE	1	NNE	2	SE	2	ESE	1	N	2	8	Ci.-S. SE	Cu.-N.	9	------------	Cu.-N. E
14	N	1	WNW	1	NNE	1	NNE	1	SSW	1	NNE	1	10	Ci.-S.	Cu.-N. E	10	------------	N. NE
15	N	0	SE	1	NNE	1	NE	3	NE	2	NNW	2	10	------------	Cu.-N.	8	Ci.-S.	Cu.-N. E
16	NNE	1	NNE	1	NNE	3	NNE	2	WNW	1	N	2	7	Ci.-S.	Cu.-N. NNW	10	------------	Cu.-N.
17	N	0	WNW	1	NE	2	NE	2	WNW	1	N	2	10	------------	N. N	8	------------	Cu.-N. NNE
18	WNW	1	WNW	1	NW	2	NW	0	NW	1	NNW	2	8	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N. NE
19	WNW	1	WNW	0	WNW	1	NNW	2	NNW	1	NNW	2	8	Ci.-S.	Cu.-N. NE	10	------------	N. N
20	N	1	NNE	1	NNW	2	WNW	2	NW	1	WNW	2	8	------------	Cu.-N. NE	10	Ci.-S.	Cu.-N. E
21	N	0	NNE	1	ENE	2	SE	3	NNW	1	N	1	10	Ci.-S. SE	Cu.-N. NNE	10	------------	N. E
22	NNE	1	NNE	1	NNE	2	SE	3	NNE	1	NNE	2	10	Ci.-S.	Cu. NE	10	------------	Cu.-N. NE
23	N	1	NNE	1	NNW	3	NNW	2	NNE	1	NNW	2	10	Ci.-S.	Cu.-N. NE	7	------------	Cu. NE
24	N	1	NNE	2	NNE	1	NNE	2	SE	1	NNE	2	8	------------	Cu.-N. NE	7	Ci.-S.	Cu. ENE
25	N	1	NNE	1	NNW	1	SE	1	SE	2	NNW	2	8	Ci.-S.	Cu. NE	8	------------	Cu.-N. NE
26	N	1	NNE	1	NNE	1	N	2	NW	1	N	1	10	------------	Cu.-N. NE	9	------------	Cu.-N. NE
27	N	1	SE	1	NNE	2	NNE	2	NNE	2	N	1	10	Ci.-S.	Cu.-N. NE	10	------------	Cu.-N. NE
28	NNW	0	NNE	1	NNW	2	SE	1	NNE	1	ESE	0	9	------------	Cu.-N. NE	10	------------	N. NE
29	NNW	2	NW	3	NNE	3	NNW	2	NNE	1	NE	2	10	Ci.-S.	Cu.-N. NNE	10	------------	Cu.-N. NNE
30	NNW	1	NNW	1	NNW	3	NNE	1	NNE	1	NNW	2	10	------------	Cu.-N. NNE	9	------------	Cu.
31	NNW	1	NNW	2	NNE	2	NNE	2	NNE	2	NNW	2	5	Ci.	Cu. E	8	Ci.-S.	Cu.-N. NNE
Mean	-------	0.9	-------	1.2	-------	1.8	-------	1.9	-------	1.4	-------	1.6	8.9	------------	------------	8.9	------------	------------

The barometric readings of this station from January 1 to November 30 seem to be about 0.50 mm. too low.

TAGBILARAN.

[φ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.8 meters; gravity correction not applied, —1.86 mm.]

FEBRUARY, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.05	58.73	59.90	57.83	58.64	59.96	25.5	24.7	26.5	28.6	26	25.8	29.6	22.2	83	82	80	66	90	85	1.3
2	59.08	59.13	59.90	58.29	59.21	60.42	25.5	25	26.5	25.8	25	24	27.9	23	89	92	80	83	83	91	34.2
3	59.56	59.70	61.15	59.24	58.73	59.86	24.2	24.2	24.8	25.5	24.7	24	25.7	22.8	89	90	92	83	90	91	21.6
4	59.54	58.90	59.81	57.30	56.84	58.85	24	24	27	27.8	26.3	25.3	30.2	22.8	90	87	80	78	75	87	.5
5	57.80	57.65	58.98	57.02	56.83	58.30	24.9	24.6	27	28.2	27.2	25.9	29.3	23.1	87	87	80	83	80	85	11
6	57.41	58.03	58.18	56.27	57.03	58.54	25.5	24.9	28	29.2	27.2	25.5	31.3	23.3	85	86	74	75	75	81	------
7	57.89	58.58	59.13	55.89	56.12	57.70	25.1	24.7	28.3	28.9	27.5	26.8	30.7	23.1	83	84	76	73	84	74	------
8	56.85	57.15	57.79	55.96	55.66	57.04	25.5	24.6	28.5	28.6	28.2	26.3	31.1	22.6	80	83	78	78	85	88	------
9	56.50	56.60	57.14	55.08	54.61	56.84	25.3	24.5	27.4	30	28.2	25.4	31.9	21.1	85	82	79	75	85	84	------
10	56.86	56.95	57.17	55.36	56.18	57.10	25.1	24.5	28	26.9	27.3	26.2	30.8	23	85	87	74	85	83	82	18.5
11	56.98	57.05	57.96	56.02	55.56	57.39	25.5	24.7	27.5	29.9	27	25.9	30.1	23.6	85	89	81	76	80	78	------
12	57.21	57.15	57.83	55.41	55.83	57.41	25	24.2	27.7	28.9	27.5	24.8	31.4	22.4	83	82	72	72	79	89	2
13	57.40	58.03	59.10	57.35	58.21	59.14	24.9	24.7	26	26.1	25.2	24.6	28.5	23	83	78	84	83	86	83	.3
14	58.43	59	59.37	56.22	57.27	58.40	25	24.8	27	28.5	26.8	25.9	29.5	22.9	83	81	81	78	84	82	4.6
15	57.48	58.90	59.84	57.84	57.93	58.23	25.5	24.9	24	24.9	25.2	24.8	27	22.6	84	86	91	86	91	85	1.3
16	57.21	57.80	58.93	56.24	56.74	57.91	25	24.2	27.1	27.9	26.6	25.6	29.2	22.8	87	88	83	82	89	84	24.6
17	57.08	57.34	57.94	55.58	55.55	57.22	25.3	24.6	28.1	28.2	27.4	26.6	31.3	23.4	86	87	79	83	86	85	3.5
18	56.78	56.94	58.19	.55.65	56.32	58.01	25.3	24.6	27.7	27.3	27.8	26	30.5	22.5	86	87	79	85	73	80	3
19	57.30	58.07	58.98	57.02	57.47	58.90	25.2	24.4	28	29.5	27.7	25.8	30.7	22.9	83	85	77	72	80	86	1
20	58.64	59.33	61.06	59.27	59.04	59.98	25.6	24.8	25.2	27.2	26.9	26	28.5	23.7	88	89	84	66	75	78	.5
21	59.74	60.04	60.22	57.26	58	59.58	25.1	24.3	27.6	29.5	26.2	25.5	30	22.9	82	86	80	76	90	78	------
22	59.02	59.23	59.89	57.13	57.12	58.90	24	22.9	27	28.3	28	25.7	30.7	21.4	83	89	71	72	78	82	------
23	58.14	59.20	59.19	56.62	57.13	58.84	24.9	24	27.2	29	27.2	25.4	31.5	22.6	87	91	75	78	78	77	------
24	58.23	58.65	59.30	57.67	57.08	58.25	23	22	27.5	28	27.9	25.7	31.2	20.1	79	82	66	74	77	76	------
25	57.91	58.04	58.99	57.37	57.08	58.70	25	24.2	27.9	27.4	26.8	25.7	29	22.4	80	82	72	81	77	82	------
26	57.70	57.50	58.89	57.31	56.93	58.25	25	24.2	27.5	27.4	27.4	26.2	31.1	23.1	84	86	74	83	83	84	3.5
27	57.81	58.08	58.99	56.44	57.81	58.53	25.7	25	27	27.5	25.6	25.5	31.5	23.7	82	83	80	81	88	88	29.4
28	57.71	57.65	58.97	56.67	56.48	57.61	25	24.2	27	28.5	26.4	24.9	30.9	22.5	89	90	84	74	85	76	------
Mean	57.87	58.19	59.03	56.83	57.05	58.42	25	24.4	27.1	28	26.8	25.6	30	22.7	84.6	85.8	78.8	77.9	82.5	82.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	160.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	NNW	1	NNE	2	NE	2	NNE	2	NNE	2	10	------------	N. NNE	10	Ci.-S.	Cu.-N. NNE
2	N	1	SE	1	NE	2	NNE	0	NNE	2	NNW	1	10	------------	Cu.-N. NNE	10	------------	Cu.-N. NE
3	NNW	0	ESE	0	NW	1	NW	1	NW	1	NNE	1	10	------------	N. NE	10	------------	Cu.-N. NE
4	N	1	NNE	1	NNW	1	NW	1	NW	1	NE	2	10	------------	Cu.-N. E	8	------------	Cu.-N. NE
5	NW	2	NNE	1	NNE	2	NW	2	NW	1	NE	2	8	------------	Cu.-N. E	10	------------	Cu.-N. E
6	N	1	NNE	1	NE	2	WNW	1	NNE	2	N	2	10	------------	Cu.-N. ENE	10	Ci.-S.	Cu.-N. E
7	NE	1	NNE	1	NNE	2	SE	2	SE	1	N	0	10	Ci.-S.	Cu.-N. E	10	------------	Cu.-N. E
8	NNW	1	NNE	2	NNE	2	WNW	1	ENE	1	NNE	1	8	Ci.-S. SE	Cu.-N. ESE	10	Ci.-S.	Cu.-N. NNE
9	NNE	1	NNE	1	SE	2	WNW	2	SE	1	NNE	2	8	Ci.-S.	Cu. ENE	8	Ci.-S.	Cu.-N. NE
10	N	1	NW	2	NNE	2	SE	2	NNE	1	NNE	2	8	------------	Cu. E	10	------------	Cu.-N. ENE
11	NNW	1	NNE	1	SE	2	WNW	2	SE	1	N	2	9	A.-Cu.	Cu. NE	9	Ci.-S.	Cu.-N. E
12	NNE	1	NNE	0	SE	2	WNW	2	SE	0	NNE	1	10	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
13	ESE	2	ENE	2	SE	2	NNE	2	NE	2	NNE	2	8	------------	Cu.-N. E	10	------------	N. E
14	NNW	1	NNE	2	WNW	2	SE	2	NE	2	NNE	2	10	------------	Cu.-N. E	10	Ci.-S.	Cu.-N. E
15	N	1	SE	1	WNW	1	NW	2	SE	1	NNE	2	10	------------	N. E	10	------------	Cu.-N. E
16	NNW	1	NE	0	SE	2	NW	2	SSW	1	NNE	2	7	------------	S.-Cu. E	10	------------	N. E
17	NNE	1	NE	2	NE	2	NE	1	SE	1	NNE	2	8	------------	Cu.-N. E	8	------------	Cu.-N. E
18	N	0	NNE	1	NE	2	NNE	2	NNE	1	N	1	8	Ci.-S.	Cu.-N. E	10	------------	N. E
19	NNW	1	NNE	1	SE	2	SE	2	NE	2	N	2	10	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
20	N	1	ENE	1	NE	2	NE	2	ENE	2	N	2	10	------------	Cu.-N. E	8	A.-Cu.	Cu.-N. E
21	NE	1	NNE	1	SE	2	SE	3	NE	2	N	2	7	------------	Cu.-N. E	8	Ci.-S.	Cu.-N. E
22	NNE	1	SE	1	NE	2	SE	2	SE	1	N	2	7	------------	Cu.-N. E	8	------------	Cu.-N. E
23	NNE	1	NNE	1	N	1	SE	2	SE	1	NNE	1	9	A.-Cu.	Cu.-N. E	8	Ci.-S. S	Cu.-N. NNE
24	N	0	NNE	1	NNE	2	SE	2	SE	2	N	2	8	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. NNE
25	NW	1	NNE	1	NNE	2	WNW	2	SE	0	NW	1	10	------------	Cu.-N. E	10	Ci.-S.	Cu.-N. E
26	NNW	1	NNE	1	SW	1	NW	2	SSW	1	NNE	1	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
27	NNE	1	SE	0	NNE	2	SE	1	SE	1	NNE	0	10	Ci.-S.	Cu.-N. E	10	------------	N. E
28	NNE	1	NNE	1	WNW	2	WNW	2	SE	0	NNE	2	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
Mean	------	1	------	1	------	1.8	------	1.8	------	1.2	------	1.6	9	------------	------------	9.3	------------	------------

TAGBILARAN.

[φ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.8 meters; gravity correction not applied, —1.86 mm.]

MARCH, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	57.20	57.65	58.60	57.04	56.30	57.93	------	22.9	26.5	27.4	25.6	25	28.9	21.5	------	83	75	70	88	81	------
2	56.70	56.69	57.04	55.64	55.51	56.80	------	23.8	27.5	26.2	27	26	30.5	22.3	------	86	77	90	87	80	5.6
3	55.90	56.40	57.98	56.10	55.71	57.45	------	24.2	27.6	29.2	27.4	26.6	32.8	22.5	------	86	79	77	84	81	------
4	57.20	57.47	58.92	56.87	56.97	58	------	23.6	28.8	29.5	27.4	25.7	32.3	22.5	------	90	72	70	75	82	------
5	57.80	58.11	59.80	57.93	56.88	58.35	------	22.4	27.2	28.7	27	25.5	31.3	20.5	------	88	78	73	80	84	------
6	58.60	58.80	60.15	58.09	57.68	59.08	------	22.9	26.9	28.5	27.2	26	31.4	21.2	------	88	73	70	75	76	------
7	58.20	58.29	59.55	56.92	56.94	58.45	------	23.5	28.3	29	27.5	27.2	30.9	21.6	------	87	72	70	81	73	------
8	57.70	58.24	59.18	57.58	57.52	59.16	------	25	27.6	25.9	25.7	25.6	29.7	23.5	------	88	74	90	88	82	13.2
9	58.30	58.65	59.48	58.18	58.61	60.01	------	24.7	27.6	25.2	25.2	25.2	30.5	22.9	------	83	81	92	86	84	27.1
10	59.40	60	60.81	58.98	59.65	60.98	------	23.3	27.4	28.5	25.4	25	30.9	22.2	------	87	81	78	88	86	7.6
11	60.20	60.12	60.23	58.53	59.28	60.63	------	23.1	28	29	26.6	25.7	30.1	21.9	------	85	63	71	86	81	3.8
12	60.10	60.50	60.88	58.90	58.95	59.91	------	24	27.3	27.2	25.6	25	31.5	22.7	------	86	71	78	83	83	6.6
13	59.20	59.95	61.02	59.04	59.51	60.91	------	23.6	27	27.5	25.6	25	29.5	22.3	------	89	75	73	81	80	7.6
14	60.10	60.83	61.01	58.78	59.05	59.99	------	23.2	26.7	30.2	26	25.5	30.2	21.5	------	81	73	70	82	72	------
15	59	59.02	59.49	57.28	57.25	58.38	------	23.5	27	27.5	26.7	25.5	29.4	22.7	------	86	77	73	79	88	------
16	57.80	57.16	57.84	56.18	56.24	57.10	------	24.5	27	27.8	26.7	25.9	30.1	22.7	------	79	73	72	80	82	------
17	56	56.37	57.07	55.04	54.87	56.89	------	24.5	28	29.4	27	25.8	30.7	22.1	------	82	70	66	77	85	------
18	56.40	56.83	57.97	55.91	55.17	57.68	------	25.5	27.8	29.7	29	26.7	30	24	------	80	72	70	74	76	------
19	56.80	57	58.35	55.90	56.17	58.24	------	24	27.5	29.7	27.9	26.8	30.3	22	------	82	80	64	74	85	------
20	57.90	58.20	59.39	57	57.93	59.58	------	24.9	27.4	29.5	24.7	25.5	31.5	22.7	------	88	79	71	89	78	4.3
21	59.20	58.97	59.90	57.06	57.33	58.75	------	24.3	27	29.5	26.5	26.3	31.1	22.3	------	85.	84	76	88	83	------
22	57.80	58.23	59.01	57.06	57.17	58.35	------	24.8	29	29.5	27	26.2	31.5	23.5	------	85	77	68	80	84	------
23	57.30	58	59.55	57.10	56.70	58.12	------	24.3	27.5	30	28.5	26.9	30.8	22.8	------	85	77	66	74	83	------
24	58.10	58.98	59.92	57.95	56.90	59.10	------	25.2	28.5	30	28.6	26.6	33.8	23.4	------	83	74	71	76	77	------
25	59.10	59.33	60.13	57.93	58.10	60.17	------	25.9	28.7	30	28.3	27	32.6	23.7	------	78	69	69	73	75	------
26	59.70	59.87	61.13	59.33	58.49	59.98	------	24.4	27.7	28.2	26	25.2	30.9	22.6	------	82	76	70	80	74	------
27	59	58.86	59.75	56.83	56.96	58.84	------	25	27.8	30.4	28.5	26.4	32.2	22.9	------	80	75	63	74	73	------
28	57.80	58.23	59.12	56.23	56.60	57.98	------	24.8	29.4	29.9	28.5	26.7	31.8	22.4	------	82	64	69	70	74	------
29	57.30	57.71	58	56.13	56.50	57.87	------	25	30	30	29	27.2	32.5	22.6	------	82	65	69	71	75	------
30	56.90	56.88	57.25	55.71	56.03	57.39	------	25.2	28.9	28.9	27.5	26.4	30.3	23.3	------	83	72	75	77	79	17
31	56.50	56.93	57.50	55.76	56.04	57.03	------	25.1	29	29	28	26.7	30.8	23.7	------	83	71	68	70	79	1.8
Mean	58.04	58.33	59.23	57.19	57.19	58.68	------	24.2	27.8	28.7	27	26	31	22.5	------	84.3	74.2	72.6	79.7	79.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	94.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	------	----	NW	1	NE	2	NNE	1	NNE	1	N	2	8	A.-Cu.	Cu. E	10	Ci.-S.	Cu.-N. E
2	------	----	NNE	2	NNE	3	NW	2	WSW	1	NW	2	7	Ci.-S.	Cu.-N. E	8	------------	Cu.-N. E
3	------	----	NW	1	SE	2	NNW	2	SE	1	NW	2	8	Ci.-S.	Cu.-N. E	10	------------	Cu.-N. NW
4	------	----	NNE	1	NW	2	SE	2	NW	1	NNE	2	8	Ci.-S.	Cu. E	8	Ci.-S.	Cu. E
5	------	----	NNE	1	NW	2	SE	2	NW	1	NNE	2	7	Ci.-S. SE	Cu. E	8	Ci.-S.	Cu. SW
6	------	----	NNE	2	NW	2	SE	2	SE	0	N	2	8	Ci.-S.	Cu.-N. S	8	Ci.-S.	Cu. N
7	------	----	NNE	2	ENE	2	SE	2	SE	1	NE	2	8	Ci.-S.	Cu.-N. NW	8	Ci.-S.	Cu. NNE
8	------	----	SE	2	NE	2	NNW	2	NNW	1	NE	2	10	------------	Cu.-N. E	10	------------	N. E
9	------	----	NNW	1	NNW	2	SE	2	N	2	N	2	7	Ci.-S.	Cu.-N. NE	10	------------	N. E
10	------	----	NNE	1	WNW	2	WNW	2	NNW	1	NNE	1	8	Ci.-S.	Cu. E	10	------------	Cu.-N. E
11	------	----	NNE	1	N	3	SE	2	NNW	1	N	1	8	Ci.-S.	Cu.-N. SE	10	------------	Cu.-N. E
12	------	----	N	1	SE	2	SE	1	NNE	2	N	2	8	Ci.-S. SE	Cu.-N. E	10	------------	N. E
13	------	----	NNE	1	NW	3	NNW	3	WNW	1	N	0	10	Ci.-S.	Cu.-N. E	10	------------	Cu.-N. E
14	------	----	NNE	1	N	1	NW	2	NNE	1	N	1	10	Ci.-S.	Cu.-N. E	10	------------	Cu.-N. E
15	------	----	NNE	1	N	2	N	2	NNE	1	N	2	10	------------	Cu.-N. NNE	10	Ci.-S.	Cu.-N. NE
16	------	----	NNE	1	N	2	N	2	NNW	1	N	2	10	Ci.-S.	Cu. NW	10	Ci.-S.	Cu. WNW
17	------	----	SE	2	SSW	4	SE	3	SSW	4	NE	2	10	Ci.-S.	Cu. SE	8	Ci.-S. SE	Cu. WNW
18	------	----	SE	1	SE	2	SE	3	NNE	1	SE	2	8	Ci.-S.	Cu. SE	7	------------	Cu. NNW
19	------	----	NNE	1	SE	2	SE	3	SE	2	NNE	1	8	Ci.-S.	Cu. SE	9	Ci.-S. SE	Cu.-N. E
20	------	----	NNE	2	SE	1	NNE	2	SE	1	NE	2	10	Ci.-S.	Cu.-N. SE	8	------------	Cu.-N. SE
21	------	----	SW	1	SW	2	SE	2	SW	1	NNE	1	10	------------	N. SE	8	------------	Cu.-N. SE
22	------	----	SE	0	SW	2	SE	2	SW	2	NE	1	10	------------	Cu.-N. SE	10	------------	Cu.-N. SE
23	------	----	NNE	1	SE	2	SE	2	WSW	1	NNE	0	6	------------	Cu.	6	------------	Cu.-N. E
24	------	----	NNE	1	SW	2	SW	3	NW	2	N	2	6	------------	Cu. E	8	------------	Cu. E
25	------	----	NNE	1	NNE	3	NNE	3	NNE	2	N	2	8	Ci.-S.	Cu. E	9	Ci.-S. SW	Cu. E
26	------	----	NNE	2	SE	2	NNE	2	NNE	2	NNE	2	9	Ci.-S.	Cu.-N. E	10	------------	N. NE
27	------	----	NNE	1	NNE	2	NNE	2	NNE	3	NNE	2	8	Ci.-S.	Cu.-N. E	9	------------	Cu.-N. E
28	------	----	NNE	2	NNE	3	SE	3	NE	2	NNE	2	8	Ci.-S.	Cu.-N. E	8	------------	Cu. E
29	------	----	NNE	1	NNE	2	SE	4	NE	1	NNE	1	7	Ci.-S.	Cu.-N. E	8	------------	Cu.-N. E
30	------	----	NNE	1	NNE	2	NE	2	NNE	2	N	2	8	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
31	------	----	NNE	1	NNE	2	NNE	2	NNE	1	NNE	2	8	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu. E
Mean	------	----	------	1.2	------	2.2	------	2.2	------	1.4	------	1.6	8.4	------------	------------	8.8	------------	------------

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.8 meters; gravity correction not applied, —1.86 mm.]

APRIL, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.90	57.10	57.96	56.20	56.15	57.98	------	25	28.5	30	27.6	26.5	30.9	23.3	-----	83	73	71	80	82	------
2	57.70	57.93	58.43	56.72	56.46	58.15	------	24.8	28.5	29.3	28	26.8	31.7	22.5	-----	85	70	74	74	84	------
3	57.50	57.40	58.55	57.17	56.27	58.15	------	24	27	28.2	27.2	26.4	28.7	23.3	-----	89	77	74	78	82	------
4	56.90	57.04	57.78	55.25	55.35	57.10	------	24.7	28	27.1	27.1	26.1	30.8	23.1	-----	87	77	85	81	81	17
5	56.30	57.03	58.17	55.57	56.19	57.74	------	24.7	28	28.7	28	26.4	30.8	23.8	-----	87	81	78	81	81	1.8
6	57.10	57.43	58.14	56.23	56.65	58.11	------	25	29.1	26.3	26.5	25.9	31.2	23	-----	83	71	90	88	85	25.1
7	57.60	57.97	58.36	56.26	56.20	58.08	------	24.5	28.5	29.5	28.5	27	31.5	23	-----	87	74	69	68	76	------
8	57.60	57.80	58.53	57.08	56.95	58.20	------	24.2	28	26.8	26.1	25.5	29.9	22.2	-----	86	79	81	85	81	26.5
9	57.40	57.64	58.78	56.86	56.07	57.97	------	23.9	27.7	28.9	27.6	25.7	31.7	22.8	-----	88	77	76	81	88	------
10	57.20	57.40	58.77	56.99	56.07	57.78	------	24.3	28.5	27.9	27.9	25.9	31.5	22.5	-----	86	74	81	82	86	.5
11	57.70	58.07	58.98	56.02	56.36	57.78	------	23.7	27.7	29.7	28	25.7	32.4	21.4	-----	81	76	72	77	79	------
12	57.30	57.30	58.18	56.20	56.01	57.84	------	23.8	28.5	29.5	28.5	26.4	32.9	21.8	-----	85	70	66	74	79	------
13	57.40	57.52	58.48	56.66	57.09	57.99	------	24	28.5	28.6	28	27	31	22.6	-----	89	67	76	81	77	------
14	57.70	58.19	58.95	56.97	57.06	58.94	------	25.1	27.1	29.3	28.2	26.6	30.3	23.8	-----	83	85	74	74	83	8.2
15	58.70	59.14	59.83	57.82	58.23	59.19	------	24.8	28	28.5	28	26	30.7	22	-----	81	77	78	81	84	------
16	58.70	58.63	58.87	57.25	56.80	58.18	------	24.6	28	30	29	26.8	30.6	23.1	-----	83	74	74	78	80	------
17	57.95	58.36	58.99	56.37	56	58.18	------	23.6	27	30	28.5	26.6	32.4	21	-----	83	76	67	75	87	------
18	57.20	57.03	57.16	55.01	55.26	56.93	------	25.2	28.8	29.7	28	27.5	33	23.3	-----	82	78	73	83	82	------
19	55.40	55.67	56.93	55.15	54.99	56.87	------	25.4	28.5	30.5	28.5	27.6	33.2	23.7	-----	80	78	71	79	83	------
20	55.80	56.48	57.03	55.01	54.97	56.93	------	25.5	28.6	30.4	28	26.1	31.8	23.1	-----	79	75	69	77	85	------
21	55.70	56.11	57.11	54.51	54.35	56.09	------	25.7	28.5	28.8	28	26.4	32.7	23.2	-----	86	78	76	77	76	72.6
22	56	56.31	56.60	54.46	55.27	56.69	------	22.4	25.5	25.9	24.5	25	27.4	20.7	-----	83	80	84	88	88	8.8
23	55.70	55.85	57.05	55.14	55.11	57.05	------	24.9	26.7	28	27	26.4	30	23	-----	88	83	73	80	84	------
24	56.50	56.90	58.28	56.70	57.06	58.79	------	26	28.2	29.8	27.9	25.9	31.1	25	-----	88	82	75	82	88	------
25	58	58.61	59.23	57.10	57.15	58.89	------	25.7	28.5	30	28.6	26.4	32.5	24.5	-----	78	81	75	80	80	------
26	58.40	58.38	59.12	57.25	57.04	58.57	------	25.2	28.6	30	28.4	27.1	32	24.4	-----	81	76	77	83	81	------
27	58	58.39	58.96	56.76	56.66	58.69	------	25.2	28.9	30	29	26.5	34.2	23.2	-----	83	75	71	72	82	------
28	58	58.76	59.12	57.03	57.10	58.65	------	25.5	28.8	30.5	28.4	26.4	32.2	24.1	-----	80	73	74	82	79	------
29	58.25	58.30	58.92	57.05	57.85	59.50	------	24.9	28.5	29.8	27	26.9	31.1	23	-----	84	78	74	84	77	8.6
30	58.40	58.44	59.13	57.92	57	58.88	------	24.6	28.4	29	28.5	26	31.8	23.3	-----	87	72	76	78	79	3
Mean	57.30	57.57	58.35	56.36	56.32	58	------	24.7	28.1	29	27.8	26.4	31.4	23	-----	84.2	76.2	75.1	79.4	81.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-----	-----	-----	-----	-----	-----	172.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*1–10*		
1	--------	----	NE	1	NNE	2	NW	2	NNE	2	NNE	2	8	Ci.-S.	Cu. E	10	------------	Cu.-N. E
2	--------	----	NNE	2	NNE	2	NNE	1	NNE	1	NNE	1	8	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
3	--------	----	NW	1	NNE	1	NE	2	NNE	1	NW	2	8	A.-S.	Cn.-N. E	10	------------	Cu.-N. E
4	--------	----	NNE	1	NNE	2	WNW	4	NW	2	N	2	10	A.-S.	Cu.-N. E	10	------------	N. E
5	--------	----	NNE	1	SE	2	NW	3	NNW	1	NW	2	8	Ci.-S.	Cu.-N. E	9	------------	Cu.-N. E
6	--------	----	NNE	1	SE	2	SSW	2	NNE	1	N	2	10	Ci.-S.	Cu. SE	10	------------	N. N
7	--------	----	NNE	1	SE	2	SE	3	NNE	1	NNE	2	8	Ci.-S. W	Cu.-N. E	8	Ci.-S.	Cu. NNE
8	--------	----	NNE	1	NNW	2	SE	2	NNE	1	NNW	2	8	Ci.-S.	Cu. NE	10	------------	N. NE
9	--------	----	NNE	1	NNE	2	SE	2	NNE	1	N	2	10	Ci.-S. W	Cu. E	8	------------	Cu.-N. ENE
10	--------	----	NNE	1	SE	2	NW	2	SSW	1	N	2	8	Ci.-S.	Cu. NE	8	------------	Cu.-N. E
11	--------	----	S	1	NW	2	SE	3	NW	1	NW	2	6	Ci.-S. SW	------------	8	------------	Cu. NE
12	--------	----	NW	1	SW	2	SE	3	SE	2	NNE	2	7	Ci.-S.	Cu. NE	8	------------	Cu.-N. NE
13	--------	----	NNE	1	NNE	2	NNE	1	SE	1	NNE	2	8	Ci.-S.	Cu.	10	------------	Cu. E
14	--------	----	NNE	1	NNE	1	SE	2	NNE	1	NW	2	10	Ci.-S.	Cu.-N. E	8	------------	Cu.-N. E
15	--------	----	NNE	1	NNE	2	NW	2	NNE	1	NW	1	10	Ci.-S.	Cu.-N. E	10	A.-Cu.	Cu.-N. E
16	--------	----	NNE	2	SE	2	SE	1	SE	1	NNE	1	6	Ci.-S. SW	------------	10	Ci.-S.	Cu.-N. E
17	--------	----	NNE	2	SE	2	NW	2	SE	3	NW	1	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. E
18	--------	----	NNE	2	SE	2	SE	3	SE	2	N	2	7	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
19	--------	----	NNE	1	NW	2	SE	3	SE	3	NNE	2	8	Ci.-S.	Cu.	9	Ci.-S.	Cu. E
20	--------	----	NW	1	SE	2	SE	2	SE	1	NW	1	8	Ci.-S. SW	Cu. E	10	Ci.-S.	Cu. N
21	--------	----	SE	1	SW	2	SE	3	SE	2	SE	1	8	------------	Cu.-N. NE	10	------------	Cu.-N. E
22	--------	----	NW	4	NNE	3	NNW	3	NNW	3	NNE	1	10	------------	N. NW	10	------------	N. N
23	--------	----	SE	3	SSW	3	SSW	4	SSW	2	NNE	1	10	Ci.-S. SE	Cu.-N. NE	10	------------	Cu.-N. SSW
24	--------	----	SE	1	SE	2	SE	2	SE	1	N	1	8	------------	Cu.-N. SE	10	Ci.-S.	Cu.-N.
25	--------	----	SE	1	SE	2	SW	2	SE	1	NNE	1	6	Ci.-S.	Cu. SE	8	Ci.-S. SW	Cu. E
26	--------	----	SE	1	SE	2	WNW	3	SE	1	WNW	2	6	Ci.-S. NW	Cu. E	8	Ci.-S. NE	Cu.-N. E
27	--------	----	NNE	1	SE	2	SE	2	SE	1	N	1	6	Ci.-S. W	Cu. E	8	------------	Cu.-N. E
28	--------	----	SE	1	SE	3	WNW	2	SE	1	NNW	1	5	Ci.-S. SW	Cu.-N.	8	------------	Cu.-N. E
29	--------	----	NNE	1	SE	2	WNW	2	SE	1	WNW	1	8	Ci.-S.	Cu. E	9	------------	Cu.-N. E
30	--------	----	NNW	1	SE	2	WNW	2	NNE	1	NNE	2	9	Ci.-S. SW	Cu.	8	Ci.-S.	Cu.-N. NE
Mean	--------	----	-------	1.3	-------	2	-------	2.3	-------	1.4	-------	1.6	8	------------	------------	9.1	------------	------------

TAGBILARAN.

[φ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.8 meters; gravity correction not applied, —1.86 mm.]

MAY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	58.15	58.73	58.83	56.83	56.77	58.25	------	25	28.4	28.8	27.8	25.5	32.3	23	-----	83	77	82	82	88	0.5
2	57.85	58.08	58.53	55.87	56.32	57.88	------	25.3	28.6	27.8	27.8	27	31.2	23.6	-----	83	78	81	82	84	.6
3	56.75	57.36	58.18	55.57	56.79	58	------	25.2	28	29	26.8	26.6	32.3	23.6	-----	86	77	74	85	83	5.6
4	57.05	57.81	57.91	55.69	56.13	58.05	------	24.8	28.5	27.1	27.3	27.5	29.8	24	-----	87	80	85	84	77	6.4
5	57.45	56.97	57.27	55.16	55.49	56.93	------	24.5	28	30.5	29	27.5	33.5	23.3	-----	87	84	72	78	84	------
6	56	56.09	57.10	55.33	54.92	56.94	------	26.4	29.4	29.8	29	27.5	32.5	25.7	-----	89	68	71	74	81	------
7	56.65	56.25	57.35	55.41	55.22	57.01	------	26.5	29.1	30.7	28.3	27.8	33	26.1	-----	87	73	74	78	83	------
8	56	56.54	57.36	55.25	55.22	57.01	------	26.8	28.9	30.6	28.9	28	33.7	25.9	-----	84	74	72	77	78	------
9	56.45	56.74	57.35	54.96	54.89	56.92	------	26.4	29.2	30	28.9	28	34.4	25.7	-----	86	77	78	80	82	------
10	56.30	56.65	56.86	55.02	55.18	56.77	------	26.1	28.6	29	27.7	27	32.2	24.8	-----	84	80	79	81	84	------
11	56.40	57.18	57.96	55.57	55.12	57.27	------	25	29	29.3	28.5	27	32.8	23.1	-----	89	78	74	78	86	.5
12	56.70	57.21	57.91	55.78	56.50	57.37	------	25.6	28.6	30	28.7	27	32.5	24.8	-----	89	75	74	79	84	------
13	57.10	57.15	57.51	55.18	54.96	56.77	------	25.4	28.4	31	28.7	27.5	32.5	23.7	-----	84	75	69	75	81	------
14	56.60	56.88	57.16	55.12	55.26	57.08	------	25.2	29	30.5	28.8	27.7	33	23.5	-----	85	74	68	77	80	.5
15	56.40	57.21	58.10	56.28	56.31	57.97	------	25.7	29.3	30	29.1	27.4	33.4	24.8	-----	82	76	77	77	85	------
16	57.20	58.30	59.20	56.21	57.18	58.17	------	25	29	30.8	29.5	27.8	34.3	24.2	-----	92	71	70	68	84	------
17	57.75	58.50	58.90	56.72	56.15	58.06	------	26.5	29.7	31	29.2	28.5	33.5	25.5	-----	82	71	69	72	74	------
18	57.30	58.11	58.50	56.96	57.41	58.56	------	25.8	29.2	31	29.8	29	33.9	24.3	-----	81	76	67	66	71	------
19	58	58.35	59.13	56.91	57.27	59.17	------	26.1	30	31	29.5	28.3	35.2	25.5	-----	83	69	71	74	78	------
20	58.60	58.88	59.91	58.10	58.21	60.40	------	26.7	29.5	30.4	28.8	26.2	32.3	25	-----	83	75	72	77	89	71.1
21	59.20	59.10	59.81	57.86	57.98	59.39	------	25.6	28.8	28	27.5	26	30.2	24.3	-----	84	78	83	84	84	1.5
22	58.70	58.91	59.21	57.17	56.93	58.51	------	25.3	29	30	28	25.8	33.5	23.5	-----	81	74	74	77	85	------
23	58.15	58.16	58.84	56.20	56.82	57.98	------	24.5	29.3	30	28.3	27.4	33.1	23.3	-----	89	74	71	79	86	------
24	57.35	56.97	57.76	55.73	56.10	58.04	------	26.5	28.5	30.5	28.8	27.5	33.2	25.2	-----	86	75	68	76	81	------
25	57.25	57.75	58.20	56.21	57.10	58.33	------	25.7	29	30.5	28.4	27.5	32.7	24.6	-----	85	71	72	80	82	------
26	58	58.42	58.52	56.68	56.53	57.88	------	27	29	30.5	28.7	27.1	34.2	25.6	-----	84	71	68	76	83	------
27	57.05	56.85	57.20	55.71	55.48	57.26	------	26.5	29.1	31	29.6	28.4	35.4	24.9	-----	85	76	70	74	81	------
28	56.85	57.18	57.56	55.34	55.48	57.78	------	26.8	29.4	31	30.3	28	34.9	25	-----	85	72	65	72	81	------
29	57.70	58.96	59.04	57.56	57.37	58.89	------	25.2	27.5	30	29.3	27.1	34.3	22.9	-----	80	79	73	72	83	7.9
30	58.55	58.90	59.30	56.93	57.66	58.78	------	25.8	29.1	29.3	27.8	27.2	31.2	24.8	-----	85	75	73	79	83	3.6
31	57.60	58.13	58.48	56.40	56.39	58.18	------	25	28	30	27.5	26.7	33.5	22.7	-----	90	78	73	81	84	.3
Mean	57.33	57.69	58.22	56.12	56.29	57.92	------	25.7	28.9	30	28.6	27.3	33	24.4	-----	85.2	75.2	73.2	77.2	82.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	98.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		0–12		0–12		0–12		0–12		0–12	0–10			0–10		
1	--------	----	NNE	1	SE	2	WNW	2	NNE	2	N	2	8	Ci.-S.	Cu. E	8	------------	Cu.-N. E
2	--------	----	NNE	2	WNW	2	NE	1	NW	1	NW	2	9	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
3	--------	----	SE	2	SE	2	SE	2	SE	1	NNE	2	10	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. NE
4	--------	----	SE	1	WNW	2	SE	2	SE	1	NNE	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. E
5	--------	----	NE	1	WSW	3	WNW	2	SE	1	NNE	1	10	Ci.-S. NW	Cu.-N. E	8	Ci.-S.	Cu. NNW
6	--------	----	SSW	2	SSW	2	SSW	3	SSW	2	SE	2	10	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu. SW
7	--------	----	SE	3	SE	3	SE	4	SSW	3	SW	3	8	Ci.-S.	Cu. SW	8	Ci.-S. NNE	Cu. SW
8	--------	----	SSW	2	SE	3	SE	3	SSW	3	NE	2	7	Ci.-S.	Cu.-N. SW	8	Ci.-S. NE	Cu. SSW
9	--------	----	NNE	1	SE	2	SE	2	NNE	2	NNE	2	9	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. NE
10	--------	----	NNE	1	SE	2	SE	2	SE	1	NNE	2	10	------------	Cu.-N. E	9	Ci.-S.	Cu.-N. E
11	--------	----	SE	1	SE	2	SE	2	NW	0	NNW	1	8	Ci.-S.	Cu.-N. E	10	------------	N. E
12	--------	----	NE	1	SE	2	SE	3	SE	1	NNE	1	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu. NE
13	--------	----	SE	1	SE	2	SE	3	SE	2	N	1	8	Ci.-S.	Cu.	8	Ci.-S.	Cu. NW
14	--------	----	SE	1	WNW	2	SE	3	SE	1	N	1	8	Ci.-S.	Cu. NW	8	------------	Cu.-N. NW
15	--------	----	SE	2	WNW	2	SE	3	SE	2	NNE	1	10	Ci.-S.	Cu.-N.	8	Ci.-S. E	Cu. NW
16	--------	----	SW	1	WNW	1	SE	3	SE	1	NNE	1	8	Ci.-S.	Cu. NW	8	Ci.-S. SW	Cu.-N. NW
17	--------	----	SE	1	SE	3	SE	3	SE	1	NNE	3	8	Ci.-S.	Cu.	4	Ci.-S.	Cu. NE
18	--------	----	NNE	1	SE	2	SE	2	SE	2	SE	2	10	Ci.-S.	Cu.-N. NE	8	Ci.-S.	Cu.-N. SW
19	--------	----	SE	1	SE	2	SE	2	SE	1	NNE	1	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. SE
20	--------	----	SE	1	SE	3	SE	2	SE	2	N	1	8	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu.-N. NW
21	--------	----	SW	1	SE	3	SE	2	SE	0	NNE	1	9	Ci.-S.	Cu.-N.	9	------------	Cu.-N. SE
22	--------	----	SE	1	SE	2	WNW	2	WNW	1	NNE	2	9	------------	Cu.-N. SE	8	Ci.-S.	Cu.
23	--------	----	NNE	1	SE	4	SE	2	SE	1	NNE	1	9	Ci.-S. SW	Cu.	8	Ci.-S.	Cu. E
24	--------	----	SE	1	SSW	2	SE	2	SE	1	NNE	1	10	A.-S. W	Cu.-N.	9	Ci.-S.	Cu.-N. NW
25	--------	----	SE	1	SE	3	SE	2	SE	1	N	1	10	A.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. SW
26	--------	----	SSW	3	SE	3	SSW	3	SE	1	NNE	2	10	Ci.-S.	Cu.-N. SW	10	Ci.-S. E	Cu. NW
27	--------	----	SE	1	SSW	3	SE	3	SE	1	NNE	2	8	Ci.-S. NE	Cu.	7	------------	Cu.-N. NNE
28	--------	----	SE	1	SE	2	SE	3	SE	0	NNE	2	8	Ci.-S. NW	Cu.-N. SE	8	Ci.-S.	Cu.
29	--------	----	SE	1	SE	1	SE	2	WNW	1	SE	2	10	------------	N. SE	8	Ci.-S.	Cu.-N. SE
30	--------	----	NNE	1	SE	2	WNW	2	SE	0	NNE	1	8	Ci.-S.	Cu.-N.	10	Ci.-S.	------------
31	--------	----	SE	0	SE	2	SE	2	WNW	1	NNE	1	7	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
Mean	--------	----	--------	1.3	--------	2.3	--------	2.4	--------	1.2	--------	1.5	8.9	------------	------------	8.4	------------	------------

TAGBILARAN.

[ϕ=9° 38′ N ; λ=123° 51′ E ; barometer above sea, 21.8 meters ; gravity correction not applied, —1.86 mm.]

JUNE, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.80	57.91	58.09	56.32	56.18	57.84	------	25.2	28.6	30.5	28.9	26.2	34.8	24.3	-----	88	77	68	71	86	------
2	57.40	57.84	58.06	56.03	55.83	57.84	------	25	29.2	29.3	28.3	26.6	82.5	22.6	-----	86	74	70	79	78	------
3	56.90	57.08	57.21	55.43	55.55	56.98	------	25.2	28.8	29.2	29.5	27	30.4	24.1	-----	88	74	78	75	80	6.5
4	56.60	56.21	56.99	55.25	55.13	56.85	------	25.6	28.6	27.4	27.5	26.7	30.9	23.9	-----	86	79	89	81	82	4.3
5	56.70	57.03	58.01	56.76	56.56	58.53	------	25.4	29.2	29	28.4	26.1	32.1	23.9	-----	86	76	74	79	83	------
6	58.20	58.85	59.22	56.73	57.15	58.89	------	25.3	28.9	29.8	28	27.5	32.5	24	-----	87	71	73	72	73	------
7	58.20	58.33	58.59	57.13	57.37	58.98	------	25.3	28.5	28.5	27.5	27	31.9	23.6	-----	85	75	80	82	83	------
8	58.30	58.01	58.71	57.40	57.02	58.18	------	25.5	28.7	29	28.2	27.4	30.9	23.9	-----	83	79	77	81	83	1.3
9	57.70	58.25	58.49	56.73	56.68	58.33	------	25.3	29	30	28.7	27.2	33.9	24.5	-----	87	71	71	76	73	2
10	57 80	58.40	59.26	57.03	57.28	58.94	------	24.9	28.5	29.9	28.5	26.8	32.5	24.1	-----	88	70	67	70	73	------
11	58.90	59.19	59.43	58.68	59.19	59.45	------	24.4	28.5	27.1	27	26.4	31.4	22.6	-----	80	74	78	83	82	------
12	58.90	59.89	59.57	57.89	58.10	59.69	------	25	28.3	27.7	28.5	26.7	33.5	23.4	-----	83	74	86	80	77	2.3
13	58.65	58.48	58.76	56.45	56.30	57.97	------	25.6	29	29.7	29.6	26.8	33.1	24.4	-----	83	76	71	70	77	------
14	57.60	58.01	58.86	57.03	56.79	58.24	------	25.2	29	29.6	27.4	26.7	33.1	24.1	-----	87	73	70	75	80	------
15	57.70	58.08	58.23	56.73	56.86	57.95	------	24.8	28.4	27.4	27.9	26.5	31.8	23.5	-----	87	80	85	82	81	7.8
16	57	57.23	57.67	56.01	56.56	57.94	------	25.4	28.9	29	28.5	26.6	32.3	24	-----	85	76	74	74	80	------
17	57.60	57.31	57.97	56.19	56.29	57.58	------	24.9	28.5	28.8	26.3	26.5	31	23.9	-----	87	74	79	90	86	77.2
18	57.10	57.01	57.73	55.90	55.27	57.23	------	25	28.4	29.5	28.9	27.4	32.5	23.5	-----	86	77	75	76	82	3.6
19	57.20	57.56	58.62	57.11	56.98	58.19	------	25.5	28	28.8	27.7	26.9	31.9	24.2	-----	88	77	75	75	83	2
20	57.80	57.95	58.73	56	56.33	58.79	------	25.3	28.2	29	27.9	25.5	31	24.8	-----	89	79	76	77	84	31.5
21	57.80	58.20	57.95	56.18	56.60	57.91	------	24.3	27	27.5	26.5	26.2	30.5	22.4	-----	85	80	80	87	84	3
22	57.60	57.41	57.62	55.92	56.28	57.28	------	24.8	28.8	28.3	26.4	26.2	32.2	23.7	-----	89	76	80	89	88	1.8
23	56.60	56.49	56.76	55	55.48	57.11	------	25.2	28	27.6	26.5	25.2	30.9	24	-----	88	81	83	83	90	13
24	56.80	56.52	56.88	55.18	55.45	56.95	------	24.3	28	29.4	27	26	32	23.2	-----	91	81	81	87	90	------
25	56.50	56.30	57.07	55.77	55.73	58.04	------	25	28.2	28.5	27.2	25.8	31.7	24.5	-----	90	78	76	83	89	.3
26	57	57.47	57.99	56.64	56.83	58.10	------	25	27.9	26.8	27.4	26.8	31.9	23.2	-----	90	81	80	78	81	6.4
27	57.80	57.28	58.29	56.56	56.76	58.24	------	26.4	28.4	28.5	27.5	26.4	32.9	25.4	-----	83	78	78	77	88	5.6
28	58.10	58.04	58.24	56.56	56.93	58.43	------	25.5	27.4	29	27.1	25.7	32.3	23.9	-----	84	78	74	80	81	3.6
29	57.95	58.03	58.58	56.83	57.08	58.02	------	24.9	27.5	28.3	27.3	26.4	30.1	23.6	-----	86	80	77	78	84	------
30	57.60	57.98	58.22	55.73	56.66	58.21	------	25.3	28.7	29.9	28	26	31.9	23.7	-----	85	74	73	76	88	32.5
Mean	57.59	57.74	58.19	56.44	56.57	58.09	------	25.2	28.4	28.8	27.8	26.5	32	23.8	-----	86.3	76.4	76.6	78.9	82.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-----	-----	-----	-----	-----	-----	204.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	-------	----	NNE	1	SE	2	SE	2	SE	2	NNE	1	7	------------	Cu.-N. E	8	Ci.-S.	Cu. E
2	-------	----	NNE	1	SE	1	SSW	1	SW	0	NE	2	7	Ci.-S.	Cu. E	9	Ci.-S.	Cu.-N. E
3	-------	----	NNE	1	SSW	2	WNW	0	NE	0	SSW	2	9	A.-Cu.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
4	-------	----	NNE	1	SE	2	NNW	2	SSW	1	NE	2	10	Ci.-S.	Cu.-N. E	10	------------	N. E
5	-------	----	NNE	1	SE	2	SE	2	WNW	1	NNE	1	9	Ci.-S.	Cu. E	8	A.-S.	Cu.-N.
6	-------	----	NE	1	NNE	2	SE	2	NNE	1	NNE	2	10	Ci.-S.	Cu.-N. SE	10	A.-S.	Cu.-N. E
7	-------	----	SE	1	SE	2	NW	2	SW	0	NE	2	8	A.-S. ESE	Cu.-N. E	10	Ci.-S.	Cu.-N. E
8	-------	----	NNE	1	SE	2	SE	2	NNE	1	NNE	2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. NE
9	-------	----	NNE	1	SE	2	SE	2	WNW	0	NNE	2	6	A.-Cu.	Cu.-N. NE	10	Ci.-S.	Cu.-N. E
10	-------	----	NNE	1	SE	2	SE	5	SE	3	NNE	2	8	Ci.-S.	Cu.-N. E	6	Ci.-S.	Cu.-N. E
11	-------	----	NNE	1	SE	2	NE	2	WNW	1	NNE	2	8	A.-Cu. SE	Cu.	9	Ci.-S.	Cu.-N. E
12	-------	----	NNE	1	SE	2	SW	1	SE	1	NNE	2	7	Ci.-S. SSW	Cu. E	10	------------	Cu.-N. E
13	-------	----	NNE	2	SE	2	SE	2	NE	1	WNW	1	8	Ci.-S. SE	Cu. E	9	------------	Cu.-N. E
14	-------	----	NNE	2	SE	4	SE	3	NNE	1	NNE	1	5	Ci.-S. SW	Cu. E	10	Ci.-S.	N.
15	-------	----	NNE	1	SE	2	SW	1	NE	1	NE	1	8	Ci.-S. SW	Cu.-N.	8	------------	Cu.-N. E
16	-------	----	NNE	1	SE	1	ENE	1	SW	1	NNE	1	10	------------	Cu.-N. E	8	------------	Cu.-N. E
17	-------	----	NE	1	SE	2	WNW	1	SE	0	NNE	1	8	Ci.-S.	Cu.	8	Ci.-S.	N. E
18	-------	----	SE	1	SE	2	SW	3	SE	1	NNE	1	8	Ci.-S.	Cu.-N.	10	------------	Cu.-N. E
19	-------	----	NNE	1	SW	2	SE	2	SE	1	NE	1	10	------------	N. SE	9	A.-S.	Cu.-N.
20	-------	----	NNE	1	SE	2	SE	2	SE	2	NNE	1	10	------------	Cu.-N. NW	10	Ci.-S.	Cu.-N.
21	-------	----	ESE	1	SSE	2	SE	0	SE	1	NNE	2	10	------------	N.	10	------------	Cu.-N. SE
22	-------	----	WNW	1	SSW	2	SSW	2	SE	1	NE	1	9	Ci.-S. NW	Cu.-N. E	10	------------	Cu.-N. N
23	-------	----	NNE	1	SE	2	NNE	1	SE	1	NNE	2	9	A.-Cu. NE	Cu.-N. E	9	Ci.-S. E	Cu. E
24	-------	----	NE	1	SE	2	SE	2	SE	1	NNE	2	10	------------	N. E	9	Ci.-S. N	Cu.-N. E
25	-------	----	ENE	1	SE	3	SSW	2	SSW	1	SW	3	10	Ci.-S. SE	Cu.-N. E	9	------------	Cu.-N. SW
26	-------	----	SE	1	SE	2	SSW	2	SE	1	NNE	1	7	A.-Cu.	Cu.-N.	10	------------	N. SW
27	-------	----	SE	2	SE	2	SE	2	SE	2	NE	1	10	------------	N. SE	10	Ci.-S.	Cu.-N. NW
28	-------	----	SE	1	SE	2	SE	2	NE	1	NNE	1	10	------------	N. SW	8	Ci.-S. NW	Cu.-N. SW
29	-------	----	NNE	1	SE	1	SE	2	SE	2	NNE	2	10	Ci.-S.	Cu.-N. NNW	10	Ci.-S.	Cu.-N. SW
30	-------	----	NNE	1	SE	2	SE	3	SE	3	NNW	1	9	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu. WSW
Mean	-------	----	-------	1.1	-------	2	-------	1.9	-------	1.1	-------	1.5	8.7	------------	------------	9.2	------------	------------

TAGBILARAN.

[ϕ=9° 38′ N ; λ=123° 51′ E ; barometer above sea, 21.8 meters ; gravity correction not applied, —1.86 mm.]

JULY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.40	57.15	57.62	55.97	57.17	58.47	------	24.8	28.4	28.9	26.7	26.8	31.9	23.6	-----	87	75	74	81	82	1.3
2	57.80	57.96	58.14	57.74	58.10	59.30	------	25.2	28.4	26.8	25.2	25.5	30.8	24	-----	86	74	78	86	84	6.9
3	58.30	57.90	58.40	57.28	57.95	59.20	------	25.4	28	29.2	27.7	27.5	32.2	24.5	-----	88	74	70	79	77	------
4	58.20	58.22	58.79	57.12	57.23	59.26	------	26	28.7	30	28	26.7	33	25.5	-----	85	75	69	75	82	------
5	58.60	58.92	59.79	58.31	58.98	60.83	------	25.3	28.9	28	28.9	26	32.2	24.3	-----	85	77	72	74	84	3.8
6	59.80	60.28	60.35	58.79	58.75	60.51	------	24.5	27.7	28.6	27.1	26.3	32.2	23	-----	87	79	78	82	82	1.3
7	59.70	59.97	60	58.59	58.99	60.79	------	25.2	27.8	28.2	26.9	26	30.9	24.3	-----	83	79	81	85	89	7.9
8	60.30	59.92	60.20	58.53	58.38	60.02	------	24.9	27.5	29.5	27.9	27.2	31.4	23.3	-----	88	79	72	77	77	------
9	59.30	59.13	59.04	57.17	57.19	59	------	26	28.4	30	28.4	26.7	33.5	25.2	-----	83	77	73	73	85	------
10	58.80	59.05	59.24	57.50	57.57	58.66	------	25.2	28.4	30	28.7	27.2	33.2	24.1	-----	85	71	71	76	84	------
11	58.50	58.62	59.32	57.18	57.28	58.29	------	25.7	28.9	29.5	28	27.4	30.9	25.3	-----	84	69	71	77	78	------
12	58.10	58.38	58.83	56.37	56.39	57.75	------	25.6	28.5	30	28.8	28	32.6	24.4	-----	84	67	69	76	70	------
13	57.30	57.07	57.28	55.15	54.99	56.74	------	26	28.8	30	28.5	27	34	25.5	-----	77	66	71	74	83	------
14	55.70	55.88	56.23	54.18	54.08	55.90	------	25.9	28.2	30.2	28.5	27.3	32	24.6	-----	81	76	60	74	75	------
15	55.80	56.20	57.11	55.37	55.70	56.96	------	26.4	29	30.5	28.8	28	32.6	25.4	-----	81	68	68	77	74	------
16	56.50	57.22	57.65	55.86	55.80	57.79	------	26.7	28.7	30.5	28.8	28	32.7	25.9	-----	81	71	65	71	73	------
17	56.90	57.88	58.18	56.18	57.25	58.91	------	25.2	29.4	30.6	27	26.2	32.9	23.6	-----	85	74	57	76	76	------
18	58.20	58.25	58.95	56.28	56.39	57.44	------	25.1	28.7	31.1	29.2	27.2	33.6	24	-----	83	75	67	70	75	------
19	56.80	56.96	56.84	54.98	54.93	56.35	------	24.7	30	30	28.7	27.5	32	23.7	-----	86	68	73	80	77	------
20	55.90	56.54	57.15	55.38	55.95	58.04	------	26.2	28.2	30.2	28.7	27.8	33.1	24.4	-----	82	76	71	74	79	4.8
21	57.90	58.56	58.38	57.28	57.29	58.99	------	25	28.9	31.5	27.8	27.6	35.2	24	-----	90	72	64	71	76	16.3
22	58.70	58.16	58.16	56.75	57.13	57.71	------	25.2	28.5	30.5	29.5	27.8	32.7	22.4	-----	80	77	73	72	82	------
23	56.50	56.83	56.56	55	55.11	56.14	------	25.6	28.9	28.5	27.9	26.9	31.3	23.5	-----	87	77	78	82	83	8.4
24	55.90	55.93	56.85	55.46	55.29	56.42	------	24.6	27.9	29	27.6	26.2	30.2	23	-----	79	79	74	84	88	------
25	55.90	55.98	56.83	55.96	55.94	57.15	------	24.6	27.8	27	27.8	27.3	31.2	24.1	-----	87	82	80	79	82	17.8
26	56.40	56.90	57.16	55.97	56.26	57.87	------	25.5	28	30	28	26.5	32.6	24	-----	86	77	73	76	80	------
27	57.40	57.90	57.93	55.78	56.94	57.31	------	25.2	28.9	31.5	29.5	28.5	34.4	23.5	-----	86	77	67	78	78	------
28	56.60	57.01	57.27	56.02	55.84	57.70	------	26	29.1	29	29.5	28.2	33.9	25.1	-----	84	70	71	68	76	------
29	57.10	56.55	56.95	55.43	55.82	57.23	------	27	28.7	30.5	29.9	28	33.2	26.1	-----	84	73	74	69	77	------
30	56.80	57.11	57.94	55.98	56.58	58.09	------	26.8	29.3	30	29	27.7	33.6	25.9	-----	80	66	65	71	82	------
31	57.40	58.20	59.07	56.85	57.54	58.89	------	26.8	29	30.6	29	28.4	35.2	26.3	-----	78	71	67	71	72	------
Mean	57.56	57.76	58.14	56.46	56.74	58.18	------	25.6	28.6	29.7	28.3	27.2	32.6	24.4	-----	83.9	73.9	70.8	76.1	79.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-----	-----	-----	-----	-----	-----	68.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	------	----	SE	1	SW	2	SSW	2	NNE	1	NNW	1	8	------	Cu.	10	Ci.-S.	Cu.-N. SW
2	------	----	SE	1	SE	2	SW	5	E	1	NE	1	10	A.-Cu.	Cu.-N. SW	10	------	N. W
3	------	----	NNE	1	SE	1	SE	2	NNE	1	NNE	2	10	------	Cu.-N. SW	10	Ci.-S.	Cu.-N. WNW
4	------	----	NNE	1	SE	2	SE	2	SE	2	N	1	8	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N.
5	------	----	NNE	1	SE	2	N	2	NW	1	SE	3	7	Ci.-S.	Cu.-N. SE	8	Ci.-S.	Cu.-N. E
6	------	----	NNE	1	SW	2	NNW	2	NNE	1	NNE	1	7	Ci.-S. SE	Cu.-N. E	7	------	Cu.-N. NNE
7	------	----	NNE	2	SE	2	N	1	SW	1	NNE	1	10	------	N. E	9	------	Cu.-N. E
8	------	----	SE	1	SE	2	SSW	2	SE	2	SSW	2	8	A.-Cu.	Cu.-N. E	6	------	Cu.-N. SW
9	------	----	SE	1	SE	2	SE	2	SE	1	NNE	1	5	Ci.-S.	Cu. SW	7	Ci.-S. E	Cu. E
10	------	----	SW	1	SW	2	SE	2	SE	1	NNE	1	10	Ci.-S. NE	Cu. E	8	Ci.-S. NNE	Cu. W
11	------	----	NNE	1	SSW	2	SE	2	SE	1	NNE	1	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu. NNW
12	------	----	SE	1	NW	2	SSW	2	NNE	1	NNE	1	10	Ci.-S. SW	Cu.-N. E	9	Ci.-S.	Cu.-N. E
13	------	----	SW	1	SE	2	SE	3	SSW	2	NNE	1	10	Ci.-S.	Cu.	8	Ci.-S. E	Cu. W
14	------	----	SE	1	WSW	4	SSW	2	SE	2	SSW	1	8	Ci.-S. NNE	Cu.	8	Ci.-S.	Cu. SW
15	------	----	SE	1	SSW	2	SE	2	SSW	2	SE	1	10	A.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N.
16	------	----	SE	2	SE	2	SE	2	SE	2	SE	2	7	Ci.-S.	Cu. SSW	6	Ci.-S. SE	Cu.-N. NNE
17	------	----	SSW	1	SE	2	WSW	2	SSW	1	NE	1	8	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu.-N. NE
18	------	----	NNW	2	SE	3	SSW	3	SE	1	NNE	1	10	A.-S. NE	Cu.-N. E	7	------	Cu.-N. E
19	------	----	SW	1	SE	1	SE	3	WSW	1	NNE	1	8	Ci.-S.	Cu.-N. E	10	------	N. E
20	------	----	NNE	1	SE	1	SE	2	SE	2	NNE	1	9	Ci.-S. SW	Cu.-N. E	7	Ci.-S.	Cu.-N. E
21	------	----	SE	1	SE	1	SE	2	WNW	1	NNE	1	6	Ci.-S. SE	Cu.-N. E	8	------	Cu. E
22	------	----	NNE	1	SSW	2	SW	2	WNW	1	NNE	2	9	Ci.-S.	Cu. E	8	------	Cu.-N. E
23	------	----	NNE	1	SE	2	SE	1	WSW	1	NE	1	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. NE
24	------	----	NNW	1	SE	2	SE	2	SE	1	NE	1	10	------	Cu.-N.	10	------	Cu.-N. NNW
25	------	----	NNW	1	SE	2	NNE	1	SE	1	SE	1	8	Ci.-S.	Cu.-N.	8	------	Cu.-N. E
26	------	----	NNE	2	SE	2	SE	2	SE	1	NNE	1	10	------	Cu.-N. SW	7	------	Cu. NNE
27	------	----	NE	1	SE	2	NW	2	SW	1	NNE	1	8	------	Cu.-N. E	6	Ci.-S.	Cu.-N. SW
28	------	----	NNE	1	NNW	1	SSW	2	SSW	1	SSW	1	5	A.-S.	Cu.	9	Ci.-S.	Cu. NNW
29	------	----	SSE	1	SSW	3	SE	3	SSW	3	SE	2	10	------	Cu.-N.	8	Ci.-S.	Cu. SW
30	------	----	SSW	1	SSW	3	SSW	3	SE	2	NE	1	8	Ci.-S.	Cu. SSW	9	Ci.-S. NE	Cu. SW
31	------	----	SSW	1	SSW	2	SE	3	SE	2	SW	2	5	Ci.-S.	Cu. SW	9	Ci.-S. E	Cu. WNW
Mean	------	----	------	1.1	------	2	------	2.2	------	1.4	------	1.3	8.4	------	------	8.3	------	------

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.8 meters; gravity correction not applied, —1.86 mm.]

AUGUST, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6. a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.70	57.95	58.39	56.55	56.57	58.24	------	26.1	29.5	30.9	29	28.5	33.7	24.9	-----	83	68	71	74	75	------
2	57	57.01	57.10	55.39	55.89	57.45	------	26.5	29	29.5	28.7	26.5	32.2	25.2	-----	80	74	71	75	82	7.1
3	56.80	56.96	57.53	55.72	56.20	57.90	------	25.5	28	30	28.5	26.5	31.5	23.9	-----	80	78	69	74	88	26.7
4	57.10	57.15	57.51	55.93	56.28	58.52	------	25	28	29	28.9	24.5	31.3	23.2	-----	88	81	71	72	87	12.7
5	57.90	57.90	58.21	56.94	56.89	57.92	------	25.2	27.1	28.4	27.9	25.8	31.9	22.7	-----	86	87	82	81	90	.5
6	57.70	57.95	58.06	56.48	56.71	58.20	------	25.8	28.4	28.6	28.4	27	31.9	23.7	-----	82	80	76	72	82	------
7	57.90	57.88	58.14	56.10	56.54	58.04	------	26	28.5	30	28.8	27.6	33.8	23.9	-----	83	78	74	74	83	3.3
8	58	57.49	58.55	56.19	56.23	57.96	------	26.3	28.4	30.5	28.5	27.8	33.8	25.6	-----	82	75	67	74	77	------
9	57.50	57.22	57.99	56.82	56.72	58.13	------	26	28.5	29.7	28.5	27	32.2	24.4	-----	82	75	69	64	83	------
10	57.70	57.77	58.28	56.29	56.67	58.04	------	26.6	28.5	30.4	28.7	28	32.2	25.7	-----	80	68	61	69	76	------
11	57.60	57.39	58.22	56.65	56.63	58.15	------	26.2	29.4	30.5	29.5	28	32.3	25.6	-----	86	67	67	73	75	1.3
12	57.80	58.26	59	57.09	57.34	58.44	------	27	26.7	28.5	28.9	26.5	30.8	25	-----	84	90	73	71	86	47.3
13	57.70	57.91	57.65	55.48	56.29	57.31	------	26	28	30.2	27.7	26.2	32.2	24.3	-----	84	74	70	73	79	------
14	57	57.06	58.05	56.43	57.04	57.95	------	26.4	27.3	28.1	28	27.5	31.1	25.6	-----	81	76	72	77	81	34
15	58.10	58.73	59.05	55.90	56.24	57.50	------	25	27.5	29.6	27.7	27	32.1	23.1	-----	83	81	72	76	83	4.3
16	57.30	57.62	58.39	56.02	55.30	57.30	------	26	27.4	29.4	27.7	26.7	33.8	25	-----	92	81	70	76	80	.8
17	56.80	56.55	57.20	55.18	55.29	57.28	------	25.2	28.9	30.5	28.6	27.3	32.7	24.4	-----	88	78	69	78	84	4.8
18	56.90	56.97	57.86	55.93	55.22	57.35	------	25.8	28.7	31	29.3	27.5	33.6	24.8	-----	84	78	71	74	81	------
19	56.80	56.71	57.68	56.18	55.82	56.94	------	25	28.4	28.4	28.3	26.7	31.8	22.8	-----	86	76	79	79	83	------
20	------	57.05	57.36	55.70	56.55	58.07	------	25.3	28.6	28	27.4	26.6	30.5	23.8	-----	83	76	81	81	84	16.8
21	57.20	57.95	58.18	56.18	57.48	59.17	------	25.5	27.7	29.5	28	26.2	33.4	23.7	-----	92	79	75	80	84	2.3
22	58.50	58.61	59.08	57.53	57.51	58.60	------	24.4	28.5	26	25.6	25.7	30	25	-----	91	77	96	88	85	4.6
23	57.60	57.66	57.95	56.10	55.88	57.37	------	24.7	28	28.6	27.7	26.2	30.9	23.6	-----	89	81	83	82	86	------
24	56.40	56.98	57.11	55.29	55.10	56.64	------	24.9	28.6	30	28.8	27.2	32.5	24.1	-----	87	78	73	77	83	------
25	56	55.88	55.99	54.45	55	56.97	------	25.7	28.2	30.5	27.9	26.1	32.8	24.1	-----	86	85	65	82	83	------
26	55.95	56.08	56.38	54.63	54.85	56.51	------	25.2	29	29.5	28	26.9	33.2	24.1	-----	86	78	75	73	80	------
27	56.20	56.75	57.18	55.25	55.36	57.25	------	25.5	29.1	30.3	29.8	27.5	34.2	23.5	-----	80	78	73	74	81	2
28	57.35	57.57	57.94	55.87	56.67	58.35	------	25.8	28.6	29.6	28.7	26.7	33	23.9	-----	85	80	75	78	83	------
29	57.70	57.77	58.23	55.72	56.32	58.19	------	25.7	28.5	30.4	28	28	32.6	25	-----	86	72	72	81	79	------
30	57.20	57.26	58.08	55.85	56.04	57.84	------	26.5	27.4	30.9	28.9	27.8	32.4	25.7	-----	86	81	62	69	82	------
31	56.60	56.29	57.04	55.05	55.09	56.91	------	26.9	29.4	30.5	28.8	28	31.8	26.5	-----	76	66	66	76	77	------
Mean	57.27	57.37	57.85	55.96	56.18	57.76	------	25.7	28.3	29.6	28.4	27	32.3	24.4	-----	84.5	77.3	72.6	75.7	82	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-----	-----	-----	-----	-----	-----	168.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	-------	----	SSW	1	SW	3	SE	3	SSW	1	NE	1	8	Ci.-S.	Cu. SSW	6	Ci.-S.	Cu. NNW
2	-------	----	SE	2	SE	2	SE	2	SW	1	NNE	2	10	A.-S. E	Cu.-N. SW	9	Ci.-S.	Cu.-N. W
3	-------	----	NNE	1	SE	2	SE	2	SE	1	SE	2	8	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. SW
4	-------	----	SE	2	SE	2	SE	2	NNE	1	SE	3	8	------------	N. SSE	8	------------	Cu. SW
5	-------	----	NNE	1	SW	1	SW	1	SSW	1	NE	2	10	A.-S.	Cu.-N. E	9	------------	Cu.-N. NNE
6	-------	----	NNE	1	SE	2	SE	1	NNW	1	NNE	2	8	Ci.-S	Cu. E	8	Ci.-S.	Cu.N. WNW
7	-------	----	SE	1	S	2	SE	3	SSW	2	SE	3	7	Ci.-S.	Cu.-N. SW	8	Ci.-S. NE	Cu.-N. SSW
8	-------	----	SSW	3	SE	2	SE	3	SE	2	SE	3	10	------------	Cu.-N. SW	8	Ci.-S.NNE	Cu. SW
9	-------	----	SSE	1	SE	3	SE	3	SSW	3	SE	3	7	Ci.-S. SE	Cu. SSW	8	Ci.-S. ENE	Cu.-N.SW
10	-------	----	SW	2	SSW	3	SSE	3	SSE	2	SE	1	7	------------	Cu.-N. SW	8	Ci.-S.	Cu. SE
11	-------	----	SE	1	SSE	2	SE	2	SE	2	SE	3	7	Ci.-S.	Cu. SSW	8	Ci.-S.	Cu.-N. SW
12	-------	----	SE	1	SE	1	SE	2	SE	1	SSW	1	10	------------	N. SW	8	A.-S. SE	Cu.-N. SW
13	-------	----	SSE	1	SE	3	SE	3	SW	3	NNE	1	7	Ci.-S.	Cu.-N. SE	9	Ci.-S.	Cu. NNW
14	-------	----	SE	2	SE	2	SSE	1	SE	2	NNE	1	10	------------	Cu.-N. SW	10	Ci.-S.	Cu. NNW
15	-------	----	SSE	1	SE	1	SE	1	SE	2	NNE	1	10	------------	N. SW	8	------------	Cu. SW
16	-------	----	SE	1	SE	3	SE	3	SE	1	NNE	1	10	A.-S.	N. E	7	Ci.-S.	Cu.-N. NNE
17	-------	----	NNE	1	SE	2	SE	2	SE	2	NNE	1	8	------------	Cu.-N. SE	8	------------	Cu.-N. NNE
18	-------	----	NNE	1	SE	2	SE	2	SE	1	NNE	2	6	Ci.-S.	Cu. ENE	8	------------	Cu.-N. NNE
19	-------	----	NNW	1	NNW	1	SW	2	SW	1	NNE	2	8	Ci.-S.	Cu.-N. E	10	------------	N. NE
20	-------	----	NNE	1	SE	3	N	2	N	2	NE	1	8	Ci.-S.	Cu.-N. NE	10	Ci.-S.	N. E
21	-------	----	N	1	SE	2	SE	3	NE	1	NNW	2	10	------------	N. E	8	Ci.-S.	Cu. SW
22	-------	----	NE	2	SW	2	NE	2	NE	1	NE	2	10	A.-S.	Cu.-N. E	10	------------	N. E
23	-------	----	NNE	1	SE	2	SE	1	SE	1	SE	1	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.NE
24	-------	----	SE	1	SE	2	SE	2	SW	1	NE	1	6	------------	Cu.-N. SE	8	Ci.-S.	Cu.-N. W
25	-------	----	SE	1	SE	2	SSE	2	NE	1	SE	1	8	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. NNE
26	-------	----	NE	1	SE	2	SE	2	NE	1	SE	1	8	Ci.-S.	Cu.-N. SE	8	------------	Cu.-N.
27	-------	----	NE	2	SSE	2	SE	2	SE	1	SE	1	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. E
28	-------	----	SE	1	SE	2	SE	2	SE	3	NNE	1	8	------------	N. SE	8	Ci.-S.	Cu.-N.
29	-------	----	SE	1	SSE	2	SE	3	SE	1	SE	3	8	Ci.-S.	Cu.-N.SSE	6	Ci.-S.	Cu.
30	-------	----	NW	1	NNE	2	SSE	2	SW	2	NNE	1	10	------------	N.	9	Ci.-S.	Cu.
81	-------	----	SE	2	SSW	3	SSW	2	NW	1	SE	2	8	A.-S.	Cu.	8	Ci.-S.	Cu.
Mean	-------	----	-------	1.3	-------	2.1	-------	2.1	-------	1.5	-------	1.7	8.4	------------	------------	8.4	------------	------------

TAGBILARAN.

[ϕ=9° 38′ N ; λ=123° 51′ E ; barometer above sea, 21.8 meters ; gravity correction not applied, —1.86 mm.]

SEPTEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	56.10	56.20	56.99	55.03	55.17	56.98	------	27.2	28.8	30.2	29	28.6	32	26.7	-----	79	69	67	68	71	------
2	56.40	56.76	57.29	55.23	55.20	57.08	------	27.5	29.5	30.7	29	28.8	32.9	26.7	-----	77	69	60	68	73	------
3	56.40	56.70	56.92	54.94	55.93	57.25	------	27.5	29	31.5	28.5	27.5	33.3	26.6	-----	81	71	54	67	79	------
4	55.90	56.45	57.13	54.96	55.29	56.86	------	26.5	29.2	31.3	29	27.8	34	25.5	-----	80	70	66	66	80	------
5	56	56.25	56.98	54.29	54.80	56.68	------	27	29.5	30.3	29	28.5	33.4	26.3	-----	77	73	71	76	78	------
6	56.30	55.90	56.39	54.28	54.98	56.18	------	27	29.5	30.9	28.5	27.9	33	26.5	-----	84	75	69	78	82	------
7	56.10	55.80	56.33	54.43	54.60	56.38	------	27.5	29.3	31	29.5	28.8	33	26.5	-----	84	74	67	73	78	------
8	56.20	56.75	57.74	55.55	56.24	58.20	------	25.9	28.5	30	27.5	27	32.8	24.7	-----	85	78	75	82	80	------
9	57.80	57.91	58.10	56.88	56.96	58.84	------	25.5	28.5	26.9	26.7	26.5	33	24.4	-----	86	78	86	85	82	20.8
10	57.40	58.13	58.87	56.64	56.90	58.84	------	25	26.2	28.2	28	26.8	30.5	23.5	-----	88	82	79	79	80	23.4
11	58.50	57.75	59.29	57.09	57.35	58.65	------	24	27.5	30	27.7	26.8	33.8	22.8	-----	93	81	66	82	83	------
12	58.40	58.81	59.53	57.02	57.08	58.90	------	25	28.5	29.9	27.3	27.2	32.9	24.4	-----	90	74	72	81	81	------
13	58	58.13	58.53	56.79	57.21	58.80	------	25.3	27.5	28.9	28	26.6	31.4	24.2	-----	85	83	75	80	83	3.6
14	58	58.05	58.83	56	56.89	58.60	------	25.2	27.9	30.2	27.5	25.5	32.5	23.6	-----	86	78	69	87	86	3.8
15	58	58.01	58.53	55.99	56.25	58.82	------	24.5	27.5	28.5	28	24.9	31.2	24	-----	92	81	73	77	85	19
16	57.35	57.22	58.74	56.81	57.10	58.20	------	24	24.8	27.1	26.8	25.2	30.6	22	-----	87	92	80	82	88	15.2
17	58.20	58.12	59.20	57.39	58.15	60.17	------	24.5	28	29.5	27.5	26.8	33.1	23.5	-----	92	79	75	81	82	------
18	59.50	59.46	60.06	58.13	58.25	60.01	------	25.4	28.5	28.5	28	26	32.1	25.2	-----	88	78	67	77	88	------
19	58.80	59.50	60.04	56.69	57.45	58.51	------	24.7	29	29.5	27.7	26.5	32.1	23	-----	86	74	75	83	86	3.3
20	57.30	57.50	57.96	55.96	57.07	58.91	------	25	26.7	27.3	26	24.6	28.9	22.9	-----	88	89	81	83	88	39.1
21	57.60	57.33	58	56.28	57.09	58.82	------	25.1	27.6	29.3	27.6	26.8	32.6	23.4	-----	87	79	75	86	80	1
22	58.20	58.64	58.88	56.55	56.98	58.82	------	24.5	28.4	29.3	28.5	26.9	33.9	23.5	-----	87	79	75	79	84	------
23	58	58.15	58.53	56.59	57	58.02	------	24.6	27.9	27.2	26.5	25.8	29.7	22.3	-----	88	81	83	87	85	------
24	57	57.20	56.61	54.59	55.63	56.86	------	25.5	27.6	29	28	26.4	31.5	24.2	-----	89	78	72	81	79	.5
25	56	56.12	56.41	54.46	55.41	56.71	------	25.7	27.6	28.8	28.2	26.7	31.8	24.5	-----	86	81	71	85	79	------
26	56	56.71	57.53	54.96	56.45	57.46	------	25.4	28.5	28.1	27.2	25.9	30.4	24.7	-----	84	77	76	81	83	------
27	56.40	56.18	57.50	54.94	56.05	57.39	------	25.6	28	28.9	27.4	26.6	30.3	25.1	-----	79	72	69	79	79	------
28	56.10	56.41	57.11	54.81	55.46	56.59	------	26.3	27.8	29.5	27.9	27.4	30.4	25.6	-----	81	74	70	66	77	------
29	55.80	55.91	56.68	54.64	55.84	57.44	------	26.5	28.4	30	28	28.3	31.2	25.5	-----	80	74	58	76	68	------
30	56.50	56.94	58.02	56.38	57.12	58.94	------	26.5	28.9	30.9	29.1	28.5	33	25.5	-----	80	65	55	64	78	------
Mean	57.14	57.30	57.96	55.81	56.40	58	------	25.7	28.2	29.4	27.9	26.9	32	24.6	-----	85	76.9	71	78	80.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-----	-----	-----	-----	-----	-----	129.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		0–12		0–12		0–12		0–12		0–12	0–10			0–10		
1	------	----	SSW	2	SSW	3	SSW	3	SSW	2	SE	1	9	Ci.-S.	Cu. SE	9	Ci.-S.	Cu.-N. SE
2	------	----	SSW	2	SE	3	SE	3	SE	2	SE	2	8	A.-Cu.	S.-Cu.	8	Ci.-S.	Cu.
3	------	----	SSW	2	SE	2	SSE	3	SE	1	SE	2	8	Ci.-S. NE	Cu.-N. SE	8	Ci.-S.	Cu.-N. SW
4	------	----	SE	1	SSW	4	SE	2	SE	1	NE	1	9	Ci.-S.	Cu. SE	9	Ci.-S.	Cu.-N. SE
5	------	----	NE	0	SE	2	SE	2	SE	1	WNW	1	10	------------	Cu.-N.	9	A.-S.	Cu.-N. SW
6	------	----	SE	1	SE	2	SE	2	SE	1	NE	1	10	A.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N.
7	------	----	SE	1	SE	2	SE	3	SE	1	SSW	1	8	Ci.-S.	Fr.-Cu.	8	Ci.-S.	Cu.-N. SW
8	------	----	NW	0	SW	1	SE	2	NNW	0	SSW	1	10	A.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N.
9	------	----	SE	1	SSW	2	SE	1	SE	1	ENE	1	10	------------	Cu.-N. SW	9	------------	Cu.-N.
10	------	----	SE	1	SE	1	SW	2	SE	1	SW	1	10	A.-S.	Cu.-N. SE	8	------------	Cu.-N. SW
11	------	----	NNE	I	SE	2	SE	2	SE	1	NNE	1	10	A.-S.	Cu.-N.	7	------------	Cu.-N. SE
12	------	----	SE	2	SE	3	SE	3	NW	1	NE	0	10	------------	Cu.-N. NE	9	A.-Cu.	Cu. NE
13	------	----	SE	1	NW	2	SE	1	SE	0	SE	1	8	A.-Cu.	Cu.-N. ESE	10	Ci.-S.	Cu.-N. SSW
14	------	----	NNW	1	SE	2	SE	2	SE	1	NNE	2	10	------------	Cu.-N. NE	10	Ci.-S.	Cu.-N. SW
15	------	----	SE	1	W	2	SE	2	SE	1	SW	4	10	------------	N. E	10	A.-Cu.	Cu. ESE
16	------	----	NW	1	NW	0	SE	2	SW	2	SW	1	10	------------	Cu.-N. WNW	10	Ci.-S.	Cu.-N. SW
17	------	----	SE	1	SE	2	SE	3	NW	1	SE	1	8	A.-Cu.	Cu. SW	8	------------	Cu.-N. SW
18	------	----	NNE	1	SE	2	SE	2	SE	1	NNW	1	8	Ci.-S.	Cu.-N. NE	8	Ci.-S.	Cu. NE
19	------	----	NNE	1	SE	1	SE	1	WSW	1	NNE	1	8	Ci.-S. SE	Cu.-N. NE	10	A.-Cu.	Cu.-N. NW
20	------	----	NNE	1	NW	2	SSW	1	NW	1	SW	1	10	------------	Cu.-N. NE	10	------------	N. S
21	------	----	NW	1	SE	2	SE	2	SE	1	NNE	1	10	A.-S.	N. ENE	10	Ci.-S. SSW	Cu.-N. NW
22	------	----	SE	1	NNW	1	SE	1	SE	1	SSW	1	7	Ci.-S. SW	Cu.-N. SE	10	Ci.-S.	Cu.-N. NW
23	------	----	SE	1	W	2	ESE	1	SSW	1	NNW	1	7	Ci.-S. SE	Cu. E	10	------------	N.
24	------	----	SE	1	SW	2	SE	2	SE	1	SSW	1	10	------------	Cu.-N. E	10	Ci.-S.	Cu. SW
25	------	----	SE	1	SE	1	SE	1	SSE	3	SE	1	10	Ci.-S.	N. SW	10	A.-S.	Cu. NE
26	------	----	SE	1	SE	2	NW	3	NE	1	NE	1	10	Ci.-S. NNE	Cu.	8	------------	Cu.-N. SW
27	------	----	WSW	2	W	3	SW	4	WSW	3	WSW	2	10	A.-S. NW	Cu.	8	A.-Cu.	Cu.-N. S
28	------	----	WSW	1	SW	4	SW	4	WSW	4	SSW	3	10	Ci.-S.	Cu.-N. W	10	A.-Cu. SW	Cu.
29	------	----	SSE	2	SE	2	SW	4	SW	2	WSW	3	9	A.-Cu.	Cu.-N. WSW	5	Ci.-S.	Cu. S
30	------	----	SE	1	SW	2	SSE	3	SSW	1	SSE	1	7	A.-Cu. E	Cu.	8	Ci.-S.	Cu. SE
Mean	------	----	------	1.1	------	2	------	2.2	------	1.3	------	1.3	9.1	------------	------------	9	------------	------------

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.8 meters; gravity correction not applied, —1.86 mm.]

OCTOBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.90	58.36	58.91	56.79	57.99	59.09	------	26	29.3	30.4	27.9	26.4	33.8	25.1	-----	84	72	68	86	81	2.8
2	57.90	58.21	59.45	58.36	58.13	58.46	------	26.6	28	26	26	25.9	28	24.6	-----	83	81	82	88	84	6.9
3	57.90	57.39	59.73	57	57.48	59.05	------	25.3	26.6	29.5	27.7	27.5	30	24.4	-----	81	86	64	75	72	------
4	58.20	58.67	59.69	57.90	57.99	59.75	------	26	29	30	28.5	27.6	33.5	25.4	-----	82	66	68	74	78	------
5	58.80	59.28	59.18	57.29	57.55	59.12	------	25.5	29.2	29	27.6	26.4	31.6	23.9	-----	82	76	76	82	79	------
6	58.10	58.30	58.16	56.08	56.83	58.30	------	25.2	27.6	27	28.7	28	33.1	24.4	-----	85	84	80	79	85	2.8
7	57.90	57.95	58.12	56.03	57.60	58.95	------	25.3	29.5	29.5	29.5	27.4	32.4	24.5	-----	85	76	73	75	81	------
8	58	58.72	59.05	57.33	57.84	59.01	------	26.5	29	30.5	29.5	28	32.2	26	-----	80	67	62	71	80	------
9	58.40	58.87	59.26	57.19	58.04	59.01	------	26.7	28.5	30.3	28	27.4	32.7	26	-----	77	74	66	77	81	4.8
10	58.60	59.08	59.49	56.88	57.53	59.09	------	24.9	28.5	30.2	28.7	27.9	32.7	23.4	-----	84	79	67	75	77	.5
11	58.15	58.90	59.73	57.42	58.60	59.61	------	24.6	28.4	28.9	27.3	27.4	31.8	23.5	-----	84	78	72	80	81	------
12	58.50	58.81	59.91	57.46	58.36	59.82	------	25.9	27.7	28.1	27.1	26	30.8	25	-----	85	82	81	87	85	2.3
13	58.70	58.97	59.34	56.94	58.13	59.30	------	24.6	28.5	28.3	28.3	27.4	31.1	23.9	-----	87	78	79	79	76	------
14	58.80	59.10	59.46	57.08	57.82	59.51	------	25	28.3	28.9	29.4	27.1	31.9	23.7	-----	87	80	75	72	76	------
15	58.90	59.06	60.40	58.40	59.20	60.03	------	25.6	28.4	27.5	27	25.7	32.2	24.7	-----	83	77	77	84	86	2.8
16	58.90	59.86	59.64	57.08	58.48	59.89	------	24.5	28.2	30	28.7	28.5	33.6	23.6	-----	86	80	69	75	75	------
17	59	59.10	59.53	57.84	58.19	59.85	------	25.5	29.1	28.8	28.1	26.6	32.2	24.3	-----	84	76	76	79	83	------
18	59.20	59.70	60.21	58.68	58.93	60.40	------	25	29	29.8	28.7	27.5	33.6	23.3	-----	83	75	72	73	74	------
19	59.20	59.40	59.67	58	58.13	59.07	------	24.8	29	27.6	28	26.5	31	23.5	-----	85	71	84	82	85	8.4
20	58.30	59.02	59.02	57.20	57.73	58.91	------	24.7	29.4	26.8	28.4	27.2	32.9	24	-----	86	71	77	79	82	11.2
21	58.10	58.45	59.20	57.05	58.13	59.40	------	24.8	27.4	28	25.7	26.1	30.2	23.7	-----	83	80	78	81	79	1.5
22	58.30	58.72	59.44	57.40	58.06	58.77	------	24.3	28.5	27.1	27	26.1	31.9	22.8	-----	83	78	83	83	82	------
23	58.10	58.57	59.11	56.38	57.08	58.19	------	24	28	30.3	28.9	28	33.4	23.1	-----	90	83	73	76	77	.5
24	57.60	58	59.04	56.66	57.48	59.28	------	25.4	28.4	28	26.9	27.2	------	23.6	-----	84	75	85	84	76	22.1
25	58.10	59.15	59.86	57.90	58.23	59.91	------	25	28.9	26.9	26.5	25.9	------	23.6	-----	88	77	87	80	84	------
26	58.90	59.72	59.39	56.44	56.97	58.35	------	24	28.4	30.5	28.9	27.5	------	22.8	-----	86	70	66	73	78	------
27	57.50	58.15	58.43	56.38	57.56	58.17	------	25.4	28.3	25.9	26.7	25.1	------	23.4	-----	85	79	88	86	86	27.4
28	57.50	57.10	58	55.85	56.95	57.95	------	24.7	27.4	28.4	27.2	26.5	------	23.5	-----	88	84	82	86	85	12.7
29	56.90	57.05	57.99	55.77	57.10	58.05	------	24.7	28.3	26.4	27	25.8	------	23.6	-----	88	77	86	84	84	23.1
30	57.10	57.43	57.06	54.90	55.21	55.84	------	24.7	28.5	28.4	27.7	27.1	------	23.4	-----	87	81	79	80	82	5.1
31	54.20	54.33	54.42	51.63	51.48	51.92	------	25.9	27.5	26.7	27	26.8	------	24.6	-----	87	81	86	88	82	9.7
Mean	58.12	58.50	59.03	56.88	57.57	58.78	------	25.2	28.4	28.5	27.8	26.9	32	24	-----	84.6	77.2	76.2	79.8	80.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-----	-----	-----	-----	-----	-----	144.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	-------	----	SW	0	SE	1	SE	2	WSW	1	SW	1	3	Ci.-S. SE	------------	10	A.-Cu.	Cu. NE
2	-------	----	WSW	1	SE	3	SE	1	SE	1	WSW	1	10	A.-S.	Fr.-N. NE	10	------------	N. N
3	-------	----	SE	0	SW	3	WSW	3	WSW	1	W	1	10	A.-S.	Fr.-N. ENE	10	Ci.-S.	Cu. SW
4	-------	----	WSW	1	SW	2	SE	2	WSW	0	SW	1	9	Ci.-S. NE	Cu. SW	9	Ci.-S.	Cu. W
5	-------	----	SE	1	SSW	1	SE	1	SE	1	SSE	1	1	------------	Cu.	10	A.-S. SW	Cu.
6	-------	----	NE	1	WNW	1	SE	1	SSE	1	Calm	----	5	------------	S.-Cu. NNE	8	------------	Cu.-N. ESE
7	-------	----	Calm	----	SE	2	SE	1	WSW	1	SE	2	4	Ci.-S. ENE	Cu.	10	A.-S. ENE	Cu. SW
8	-------	----	WSW	2	WSW	4	WSW	3	WSW	2	SE	1	10	Ci.	Cu.-N. SW	10	Ci.-S. NNE?	Cu. SW
9	-------	----	WSW	2	WSW	1	SE	2	WSW	1	SE	0	10	Ci.-S. NE	------------	10	A.-S. NE	
10	-------	----	SE	1	SE	2	SE	2	SE	1	WSW	1	9	Ci.-S.	Cu. SSW	10	A.-S.	Cu.
11	-------	----	SE	1	SE	2	SE	1	SE	1	WSW	1	10	A.-S. ENE	Cu.-N.	9	A.-S.	Cu.-N.
12	-------	----	SE	1	SE	2	Calm	----	WSW	2	WSW	1	10	------------	N. SSW	10	------------	Cu.-N.
13	-------	----	SE	1	SE	1	SE	1	Calm	----	WSW	1	8	Ci.-S. E	Cu. E	9	A.-S.	Cu. ENE
14	-------	----	Calm	----	SSE	1	SE	1	SE	1	SE	1	9	Ci.-S. NNE	Cu.	10	A.-S.	Cu.-N. E
15	-------	----	SE	1	SE	1	WSW	1	WSW	1	WSW	1	10	------------	Fr.-N. NNE	10	A.-S.	Fr.-N. N
16	-------	----	SE	1	WNW	2	SE	1	SE	1	SE	1	8	Ci.-S. NNE	Cu.	3	A.-S.	Cu. NNE
17	-------	----	SE	1	SSW	1	SE	1	SSW	1	WSW	1	10	A.-S. ENE	Cu.	10	A.-S. NE	Cu.
18	-------	----	NE	1	SE	1	WSW	1	ESE	1	WSW	1	9	Ci.-S.	Cu. ENE	9	A.-S. SW	Cu.
19	-------	----	WSW	1	SSW	1	NE	1	SE	1	WSW	1	9	Ci.-S. NE	------------	10	A.-S.	Fr.-N. E
20	-------	----	NE	1	WSW	2	SE	1	SE	1	SE	1	3	Ci.-S.	Cu.	10	------------	N.
21	-------	----	NE	0	SE	2	SW	1	SSE	1	SW	1	9	Ci.-S. NNE	Cu.	10	A.-S. NNE	Cu.-N.
22	-------	----	NE	0	SE	2	ESE	1	Caln.	----	NE	1	0	------------	------------	10	A.-S.	Cu. E
23	-------	----	SE	0	WSW	1	WSW	1	SE	1	WSW	1	8	Ci.-S. SE	Cu.	10	Ci.-S. ENE	Cu.-N.
24	-------	----	NE	1	SE	1	WNW	2	WSW	1	WSW	0	10	Ci.-S. ENE	------------	10	------------	N. SSW
25	-------	----	NE	0	NNW	1	SE	2	SSW	0	WSW	1	10	A.-S.	N. ENE	10	A.-S.	Cu.
26	-------	----	SE	0	NE	2	SSE	2	SE	0	WSW	0	0	------------	------------	9	------------	Cu.-N. ENE
27	-------	----	NE	0	SE	2	WSW	0	SE	0	WSW	1	10	Ci.-S. E	Cu. NE	10	------------	N. NE
28	-------	----	SE	1	WNW	1	NW	0	WSW	2	SSW	1	10	A.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N.
29	-------	----	SE	1	NE	2	ENE	0	SSW	0	SE	1	10	A.-S. E	Cu. NE	10	A.-S.	Cu.-N. ENE
30	-------	----	SE	0	WSW	2	WSW	1	SSW	1	SSW	1	8	Ci.-S. ENE	------------	10	A.-S.	Cu.-N. E
31	-------	----	Calm	----	WSW	1	WNW	2	WSW	3	WSW	4	10	A.-S.	N. NNE	10	A.-S.	Cu.-N.
Mean	-------	----	-------	0.7	-------	1.6	-------	1.3	-------	0.9	-------	1	7.8	------------	------------	9.5	------------	------------

TAGBILARAN.

[ϕ=9° 38′ N ; λ=123° 51′ E ; barometer above sea, 21.8 meters ; gravity correction not applied, —1.86 mm.]

NOVEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	49.90	49.87	51.27	50.42	52.12	54.70	------	25.9	25.7	24.6	25.1	26.5	------	23.2	------	88	91	92	92	85	48
2	54.50	55.52	57.07	55.03	56.56	57.59	------	26	28.3	29.5	28	27.1	------	23.3	------	87	81	76	85	79	2.5
3	56.70	57.43	58.09	56.11	56.79	57.70	------	25	28.5	29.5	28.3	26.5	------	24.7	------	92	80	74	83	88	4.1
4	57	57.53	58.01	56.08	56.79	58.04	------	25	28.7	27.7	27.4	26.7	------	23.4	------	83	78	79	85	80	11.2
5	56.80	57.64	58.18	55.94	57.13	58.14	------	24.6	28.3	28.5	27.5	26.8	------	23.6	------	88	77	78	87	84	------
6	56.90	58.03	58.40	56.06	57.53	58.19	------	25.5	27.1	28.4	26.8	25.4	------	24.4	------	86	82	82	86	91	7.6
7	57.70	58.26	59.01	56.95	57.28	58.60	------	25	28.7	26.7	27	26.5	------	23.7	------	88	80	86	88	85	22.8
8	57.70	58.09	58.32	55.83	56.71	57.78	------	24.7	27.3	29	28.4	26.6	------	23	------	88	85	81	81	84	11.4
9	57.10	58.13	58.30	55.03	56.28	57.44	------	24.5	26.9	30.7	27	26.6	------	23.5	------	92	81	69	83	83	.8
10	56.10	56.98	56.78	54.07	55.83	57.56	------	24.6	28.2	29.7	27.4	26	------	24.1	------	91	80	70	81	82	2.8
11	56.20	56.74	56.94	54.69	56.03	57.25	------	23.5	27.2	28.1	27	26.9	------	21.7	------	85	79	77	80	83	------
12	55.80	56.63	56.92	54.22	55.23	56.52	------	24	27.9	30	29	28.2	------	22.7	------	91	78	71	74	81	------
13	55	56.01	56.18	54.04	54.92	56.13	------	25.7	28.2	29.5	28.3	26.8	------	25.3	------	81	72	70	71	80	------
14	55.30	56.60	57.63	54.42	55.04	56.79	------	26.1	27.5	29.4	28.2	25.8	------	24.9	------	79	77	73	79	89	------
15	56.30	56.49	57.01	55.34	55.18	56.73	------	24	29	30.2	28.5	27.6	------	23.5	------	87	69	74	79	80	------
16	55.30	56.05	56.48	55.90	55.94	57.53	------	25.6	28.7	26	25.7	25.5	------	23.9	------	87	78	89	82	80	4.4
17	56.80	57.29	57.99	55.55	56.62	58.30	------	23.1	27.3	29.4	28.3	27.5	------	22.2	------	88	78	72	75	77	------
18	57.90	58.38	58.49	56.27	57.03	57.94	------	24.8	28.4	28.4	27.5	27	------	23.1	------	83	75	70	85	83	------
19	56.80	57.78	57.93	56.27	57.15	57.71	------	25.5	28.3	26.8	26.5	26.2	------	24.3	------	82	77	83	84	82	16.2
20	56.50	57.16	57.18	54.37	55.63	56.97	------	24.6	28	31	29	28.5	------	23.2	------	87	81	65	78	78	29
21	56.20	56.38	57.12	54.52	55.52	56.38	------	25	28	30.2	28.4	27.8	------	23.1	------	88	83	72	78	82	1.5
22	55.40	55.90	56.27	54.58	55.62	57	------	26.3	28	30	28.5	26.4	------	24.9	------	86	79	69	76	86	------
23	56.60	57.28	58.53	55.82	56.02	57.59	------	25.6	27.7	28	27	27.5	------	24.7	------	91	84	79	86	84	8.4
24	57.20	57.63	57.96	56.13	57.34	57.96	------	24.5	28	27.2	26.7	26.9	------	24.4	------	92	77	83	86	85	3
25	56.50	57.53	58.05	55.79	56.80	57.59	------	24.4	26.1	28	26.9	26.5	------	23	------	89	88	80	84	82	------
26	56.40	57.45	57.74	55.38	56.23	57.39	------	24	27.6	27.6	27.5	26.7	------	22.2	------	87	76	73	77	80	------
27	56.90	57.31	58.31	56.52	56.78	58.10	------	24.8	26.2	26	25.5	25.3	------	22.9	------	85	82	80	85	81	8.4
28	57	57.02	57.96	56.70	56.60	57.67	------	23.6	25	25.4	24.5	24	------	22.6	------	91	89	81	91	95	29.1
29	56.60	57.50	58.28	56.24	57.19	58.94	------	24.5	25	25.6	25.7	25	------	23.1	------	87	86	84	84	87	1
30	57.50	58.02	58.92	56.02	57.33	58.10	------	24	26.9	28.2	28	26.1	------	22.9	------	87	82	81	80	79	1.5
Mean	56.29	56.95	57.51	55.34	56.24	57.48	------	24.8	27.6	28.3	27,3	26.6	------	23.5	------	87.2	80.2	77.1	82.2	83.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	213.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	------	----	WSW	3	SSW	3	SSE	2	SE	3	SE	2	10	------	N.	10	------	N.
2	------	----	SE	1	SSW	2	WNW	2	SW	1	WNW	1	10	------	Cu.-N. SW	9	Ci. S	Cu.
3	------	----	NE	1	SE	2	NNW	1	Calm	----	WSW	0	8	Ci.-S. ENE	Cu.	9	Ci.	Cu.-N. E
4	------	----	SE	1	NNW	2	SW	1	SSW	1	WSW	1	2	A.-Cu. ENE	------	10	A.-S. SW	Cu.-N.
5	------	----	WSW	1	NE	1	SE	2	WSW	1	WNW	1	10	A.-S. E	Cu. NE	10	A.-S.	Cu.-N. E
6	------	----	NNE	1	SE	1	SE	0	SE	1	W	1	10	------	N.	10	A.-S.	Cu.-N. E
7	------	----	NNE	1	NE	1	NE	1	WSW	1	NW	1	8	Ci.-S. E	Cu.	10	------	N.
8	------	----	NE	1	SSE	1	SE	2	SSE	1	WNW	0	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. NW
9	------	----	NE	0	SE	1	NNW	2	WSW	0	Calm	----	10	------	N.	10	Ci.-S.	Cu.
10	------	----	NE	1	WSW	1	SE	1	SSE	1	WSW	0	10	A.-S.	Cn.-N.	10	A.-S.	Cu.-N. N
11	------	----	NE	1	SSE	1	NNW	1	SW	1	WNW	1	10	A.-S. E	------	10	A.-S.	Cu.
12	------	----	NE	1	WSW	1	SE	1	WNW	1	SE	1	10	Ci.-S. NE	------	9	A.-S.	Cu. W
13	------	----	SE	1	WSW	2	WSW	2	NW	1	WSW	1	10	A.-S. ENE	------	10	A.-S.	------
14	------	----	WSW	1	SSE	3	SE	2	SSE	1	SSW	0	10	Ci.-S.	Cu.-N. W	10	Ci.	Cu.
15	------	----	NE	1	WSW	1	NW	2	WNW	0	NW	1	9	Ci.-S.	------	9	Ci.-S.	Cu.-N. NE
16	------	----	NE	1	NE	1	Calm	----	SE	1	NNW	1	9	A.-Cu.	S.-Cu.	10	------	N.
17	------	----	NE	1	SE	2	SE	2	Calm	----	WSW	1	4	Ci.-S.	------	3	------	Cu.
18	------	----	NE	1	WSW	1	SE	2	WSW	1	WSW	1	5	Ci.-S.	------	9	------	Cu.-N.
19	------	----	ESE	1	WSW	1	SE	2	WSW	1	Calm	----	10	A.-S.	Fr.-N. ENE	10	------	N. E
20	------	----	NE	1	NW	1	NW	2	Calm	----	WNW	2	10	A.-S.	Fr.-Cu.	10	Ci.-S.	Cu.
21	------	----	SE	1	NW	1	NNW	2	WSW	1	NNW	1	10	A.-S.	------	10	A.-Cu.	Cu.
22	------	----	SSW	2	SSE	2	SE	2	WSW	1	SSW	1	10	Ci.-S.	Cu. W	8	Ci.-S. WNW	Cu.
23	------	----	SE	0	SE	1	SSW	2	WSW	1	WNW	1	10	A.-S.	Cu.-N. SW	10	A.-S.	Cu.-N.
24	------	----	NE	1	SE	2	WSW	1	WSW	1	Calm	----	0	------	------	10	A.-S.	Cu. ENE
25	------	----	SE	1	SE	1	SE	1	ENE	1	WSW	1	10	A.-S.	Fr.-N. E	10	A.-S.	Cu.
26	------	----	NE	1	NE	2	SSW	1	WSW	1	NNW	1	9	Ci.-S.	Cu.-N. E	10	A.-S.	------
27	------	----	NE	2	NE	2	SE	0	SW	1	WSW	1	10	A.-S.	Cu.-N. ENE	10	A.-S.	N.
28	------	----	SE	1	WSW	1	NE	1	SE	1	NNW	1	10	A.-S.	N. NE	10	A.-S.	N.
29	------	----	NW	1	NE	2	NE	2	WSW	1	SW	1	10	------	N. ENE	10	A.-S.	N. NE
30	------	----	NE	1	SE	2	SE	2	SSW	1	SSW	1	10	A.-S. ENE	------	10	------	N.
Mean	------	----	------	1.1	------	1.5	------	1.5	------	0.9	------	0.8	8.8	------	------	9.5	------	------

TAGBILARAN.

[φ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.8 meters; gravity correction not applied, −1.86 mm.]

DECEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.70	57.37	58.92	56.98	57.32	58.08	------	24.5	27.8	26.8	26.9	26	------	23.4	-----	87	82	87	85	84	1
2	57.30	57.86	57.79	55	56.18	55.94	------	24.5	27.5	26.7	26.3	25	------	23.2	-----	87	81	79	83	83	54.6
3	54.20	54	55	53.90	55.55	57.92	------	24.5	27	28	28.3	27.8	------	23.3	-----	87	77	70	69	81	3.3
4	57.80	58.55	59.69	57.91	58.46	60.48	------	25.2	27.7	29.5	28.5	27	------	24.4	-----	86	82	71	81	80	------
5	60.10	60.86	61.45	58.31	58.61	59.60	------	24.1	28.5	29	28.7	26.5	------	23.4	-----	88	74	76	71	80	1.8
6	59.20	59.60	60.47	58.06	58.48	58.99	------	24.6	27.5	28.5	27.5	26.2	------	23.3	-----	87	81	77	68	80	------
7	58	58.80	58.70	56.63	57.25	58.08	------	24.7	27.9	29	28.7	25	33.5	23.4	-----	86	80	74	77	89	------
8	58	58.80	59.40	56.97	57.48	58.84	------	24.3	27.7	29.5	27.3	25.5	33.3	22.7	-----	85	70	71	74	77	------
9	57.85	58.40	58.23	56	56.51	57.90	------	24.4	28.4	30	28.5	27.6	33.8	23.5	-----	88	70	68	77	77	.3
10	57.60	58.09	59.01	57.21	57.87	58.93	------	25.3	28	27	27.4	26.5	31.7	23.8	-----	84	77	84	81	80	37.9
11	-------	58.77	59.62	57.49	58.46	59.60	------	24.5	28	28.2	27.5	26.5	32.2	23.3	-----	89	77	76	79	80	------
12	58.60	59.37	60.20	56.12	57.88	58.49	------	25.3	26	28	27	26	31.5	23.2	-----	84	84	79	80	82	8.7
13	57.20	57.52	58.23	55.89	56.62	58.36	------	24.5	27	29	28	25.5	32.5	23.4	-----	90	83	78	81	84	.8
14	57	57.54	57.97	56.04	56.89	57.95	------	24.3	27.8	28.5	27.5	26.4	31.9	23.1	-----	86	76	84	84	85	3.8
15	57	57.58	58.31	56.90	57.70	58.96	------	25.3	28.4	26.4	27	26.8	31.2	24.3	-----	85	78	85	86	82	22.1
16	58.50	58.69	59.69	57.11	58.09	59	------	24.5	27.2	28.5	28	27.3	30.9	23.6	-----	91	81	74	81	78	------
17	58.10	58.96	59.44	56.81	58.03	59.20	------	25	27.8	29	26.5	26	32.8	23.9	-----	86	79	77	87	84	16
18	58.90	60.17	60.78	57.92	59.28	60.56	------	24.3	27.4	29.5	28	27	32.7	23.3	-----	89	77	76	79	80	------
19	59.70	60.47	60.76	57.99	58.65	59.80	------	24.7	28.4	27.5	27	26.6	31.8	23.8	-----	86	77	78	86	81	11.7
20	58.80	59.05	59.77	57.51	58.35	58.81	------	24.5	27.2	28	26.5	26	31.7	23.7	-----	87	78	70	77	75	------
21	57.30	58.60	58.22	56.88	57.08	58.06	------	24.7	27.9	26.6	26.8	26	31.8	23.7	-----	86	71	77	78	84	4.6
22	57.70	57.27	58	55.41	56.34	57.65	------	24.4	27.2	28.5	26.6	26.6	31.4	23.9	-----	82	80	77	86	84	14
23	56.20	56.90	57.45	55.21	56.17	57.96	------	24.5	27.1	27.3	27.9	26.2	30	24	-----	92	81	88	79	88	------
24	57.20	57.91	58.80	56.21	57.52	59.04	------	24.6	27.5	30	29	27.5	34	23.6	-----	92	84	75	81	83	11.2
25	58.80	60.30	60.82	58.13	58.49	59.72	------	25.4	27.8	30	29	27	32.7	24.6	-----	88	79	75	81	84	.3
26	58.90	59.96	60.81	57.45	58.24	59.55	------	25.4	28.3	29.8	28.5	26.5	33.1	24.3	-----	86	81	76	78	82	------
27	58.90	60.05	60.64	58.33	59.49	61.01	------	24.5	27.7	27.4	27.4	26.9	32.1	24.2	-----	88	78	87	82	78	5.6
28	60.20	60.72	60.50	58.67	59.21	61.11	------	23	27.5	30.4	28.3	26.4	33.6	22.3	-----	89	76	72	76	77	------
29	59.80	60.15	60.89	58.34	58.53	59.89	------	24	26.5	29.5	27.7	25.9	32.7	22.4	-----	86	76	68	76	81	2
30	59.20	59.71	60.10	57.97	59.42	59.84	------	24.3	27.3	28.8	26.5	25.5	33.3	22.9	-----	85	78	69	75	78	------
31	59.30	59.52	59.99	58.23	59.41	60.48	------	24	26.8	27.9	26.1	25.5	31.9	22.5	-----	81	74	77	86	84	8.4
Mean	58.17	58.76	59.34	57.02	57.86	59.03	------	24.6	27.6	28.5	27.6	26.4	32.3	23.5	-----	86.9	78.1	76.6	79.5	81.5	------
Total	-------	-------	-------	-------	-------	-------	------	------	------	------	------	------	------	------	-----	-----	-----	-----	-----	-----	208.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	-------	----	SE	1	NNW	2	NW	1	SW	1	WSW	1	10	Ci.-S. ENE	------------	10	------------	N.
2	-------	----	NE	1	NW	2	SSE	1	WSW	2	SSW	2	10	------------	Fr.-N. ENE	10	------------	N.
3	-------	----	NE	2	SE	3	SE	4	SE	4	SSW	2	10	A.-S.	Fr.-N. ENE	10	A.-S. SW	Cu.
4	-------	----	NE	1	SE	1	NW	2	SSW	1	WSW	0	10	A.-S.	Cu.-N. ENE	10	A.-S.	Cu. E
5	-------	----	Calm	----	NNW	1	SE	3	NW	0	SSW	0	3	Ci.-S.	------------	9	A.-S.	Cu.
6	-------	----	NE	0	SE	2	SE	2	WSW	1	WSW	1	10	A.-S.	Cu.-N. ENE	10	A.-S.	Cu.-N.
7	-------	----	NE	1	NW	2	SE	1	SSW	1	SW	1	10	------------	Fr.-N. ENE	7	------------	Cu.
8	-------	----	NE	1	NE	2	SE	3	SW	1	SE	1	10	Ci.-S.	------------	9	Ci.-S.	Cu. ENE
9	-------	----	NE	1	NE	1	SE	2	SE	1	SE	2	3	Ci.-S.	------------	9	Ci.-S.	Cu.-N.NNE
10	-------	----	NE	1	SE	2	NW	2	SW	1	SSW	1	10	Ci.-S.	------------	10	------------	N. ENE
11	-------	----	WSW	1	NE	2	NE	1	WSW	1	W	0	10	Ci.-S.	S.-Cu. ENE	10	A.-S.	Cu.-N.ENE
12	-------	----	NE	1	NE	1	SE	2	ENE	1	SSW	0	10	------------	Cu.-N. ENE	10	A.-S.	N. ENE
13	-------	----	Calm	----	SSW	2	SE	1	SW	1	SW	1	10	A.-S.	N.	10	Ci.-S.	N. ENE
14	-------	----	NE	1	ENE	1	NNE	2	SSW	0	SSW	1	8	A.-Cu.	S.-Cu. ENE	10	------------	N. ESE
15	-------	----	ENE	0	ENE	1	ESE	0	SSW	1	N	1	10	A.-S.	Fr.-N. ENE	10	A.-S.	N. ENE
16	-------	----	Calm	----	SE	2	NW	1	SE	0	WNW	1	10	Ci.-S.	Fr.-Cu. ENE	10	A.-S.	Cu. NNE
17	-------	----	NE	0	NW	2	SE	2	WSW	1	SSW	0	10	Ci.-S. SW	------------	10	A.-S.	Cu.-N.ENE
18	-------	----	SE	1	ENE	2	SE	2	NNW	1	NNW	1	10	Ci.-S.	------------	10	A.-S.	Cu.-N.ENE
19	-------	----	ENE	0	NE	1	E	2	WSW	1	WSW	0	10	A.-S.	Fr.-N. ENE	10	------------	N.
20	-------	----	SE	0	NW	2	NW	2	SW	0	SSW	1	10	A.-S. ESE	Fr.-N. ENE	10	A.-S.	Cu.-N. N
21	-------	----	NE	0	NE	2	NW	3	WSW	1	NNW	1	10	A.-S.	Fr.-N. ENE	10	------------	S.-Cu.
22	-------	----	WSW	2	NW	2	NW	1	NNE	1	SSW	1	10	------------	Cu.-N. NNE	10	A.-S.	Cu.-N.
23	-------	----	ENE	0	SSE	2	SE	1	SE	1	SE	1	10	Ci.-S. ENE	Cu.-N. NNE	10	------------	N.
24	-------	----	NE	1	NW	1	SE	2	SSE	1	WSW	1	10	------------	Fr.-N.	9	Ci.-S.	Cu. ENE
25	-------	----	Calm	----	SE	2	SE	2	SSW	1	W	1	10	A.-S.	N.	10	Ci.-S. WSW	------------
26	-------	----	ESE	0	SE	2	WSW	2	WSW	1	SE	1	9	Ci.-S.	------------	8	Ci.-S.	Cu. ENE
27	-------	----	ENE	1	NNE	2	WSW	1	SSE	1	SSE	1	5	Ci.-S.	Cu. ENE	10	Ci.-S.	N. ENE
28	-------	----	WSW	1	ENE	1	WSW	1	SSW	0	SSW	1	10	Ci.-S.	------------	10	Ci.-S.	Cu. ENE
29	-------	----	NNE	1	SE	2	NE	1	SE	1	Calm	----	10	Ci.-S. ENE	------------	10	A.-S.	Cu. ENE
30	-------	----	NE	1	ENE	2	SE	2	NNE	2	SE	1	3	A.-Cu. ENE	------------	10	------------	Cu.-N.ENE
31	-------	----	ENE	1	NNE	2	ENE	2	WSW	1	WSW	0	10	Ci.-S. SW	------------	10	------------	N.
Mean	-------	----	-------	0.7	-------	1.7	-------	1.7	-------	1	-------	0.8	9.1	------------	------------	9.7	------------	------------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

JANUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.73	58.18	58.89	57.59	57.64	58.96	23.9	23.6	27.7	29.3	27.1	25.2	30.3	23.2	93	97	87	72	79	93	10.9
2	58.13	58.96	59.33	58.03	57.99	59.46	23.9	23.7	24.1	26.6	26.4	26	27	23.2	93	96	92	90	86	88	10.6
3	59.13	59.66	60.95	58.69	59.60	60.61	25.9	24.6	26.5	28.4	23.8	25.1	28.6	23.4	88	91	86	80	94	94	25.2
4	60.01	60.03	60.91	59.02	59.46	60.70	24.6	23.7	28.4	25.4	26	25.9	30	23.4	95	95	82	89	87	88	2.5
5	59.28	59.58	60.89	58.33	59.41	60.48	25.3	25.7	28.8	29.7	24	24.3	30.4	23.7	93	89	78	73	91	84	48.5
6	58.44	58.59	59.74	57.79	57.81	58.34	23.7	23.5	27.6	28.3	27.1	26.2	29.9	23	95	96	81	79	84	86	11.4
7	56.91	57.13	58.28	56.42	57.07	57.99	25.5	25.6	25.7	25.2	26	25.9	26.8	24.1	93	88	93	92	85	84	42.6
8	56.74	57.35	58.26	55.88	56.59	57.59	25.1	24.5	26.5	27.2	26.3	25.9	28.5	23.6	88	96	86	90	90	90	8.8
9	55.94	56.71	58.13	56.15	57.02	57.99	25.6	25.5	27.4	28.5	25	26.1	29.7	24.3	90	92	82	77	92	88	3
10	56.92	57.58	58.35	56.15	56.61	57.43	25.6	25.9	28.4	29.1	25.3	24	29.7	23.6	88	80	75	75	87	94	38.8
11	56.47	56.54	57.67	55.31	56.36	57.16	24.4	24.5	27.5	28.5	25.9	25.6	28.9	23.5	97	96	81	82	88	90	14
12	56.14	56.60	57.66	56.01	56.77	57.64	25.4	25	25.3	27.5	26	26.5	28.5	24.1	87	92	93	78	89	85	7.4
13	56.46	57.04	58	56.07	56.68	57.18	25.7	25.5	28.9	29	26.1	24.1	29.7	23.8	89	84	69	71	81	97	16.2
14	56.19	56.93	58.10	56.57	57.08	58.25	23.8	23.9	25.3	24.5	25	23.7	27.3	23	94	94	88	92	92	96	24.9
15	57.48	57.90	58.97	56.90	58.08	59.09	22.8	22.7	27	28.8	26.7	26	29.5	22.1	95	94	84	75	83	81	------
16	58.07	58.85	59.84	57.59	58.16	58.66	25.7	24.5	25.9	25.7	25.7	25.5	28.1	24.1	84	85	86	92	89	91	52.6
17	57.57	58.44	58.91	56.76	57.81	58.55	24.5	23.4	27.4	27.3	24.6	23.7	29.1	23.1	85	93	85	85	92	97	14.2
18	57.65	57.81	58.58	56.74	57.42	59.19	23.5	23.4	28.5	25.5	25.4	24.5	29.2	22.5	94	97	81	93	93	96	10.9
19	57.79	58.40	59.36	57.57	58.22	59.46	23.8	23.7	26.3	25.4	25	24.4	29	23.4	97	97	89	93	93	96	36.3
20	58.43	59.32	60.64	58.36	59.24	60.55	24.2	23.8	26.6	28.3	26.7	24.3	29.4	23.3	93	97	92	78	86	96	------
21	59.15	59.58	60.47	59.19	59.12	60.47	23	22.4	28.3	25.5	25.5	24.1	28.8	21.7	97	96	82	92	90	97	7.9
22	59.06	59.71	61.02	59.04	59.23	60.55	23.1	23.2	27.1	25.1	24.4	24	28	22.8	97	95	81	89	92	96	50.5
23	59.15	60.04	61.07	58.62	58.83	60.25	23.4	22.7	25	26.4	24.9	23.6	27.5	22.3	92	97	92	84	89	96	21.1
24	59.01	59.13	60.10	58.23	58.71	60.13	22.8	22.4	26.8	26	25.2	23.7	28.4	22	95	96	86	82	91	96	2.3
25	59.30	59.50	60.46	58.45	58.57	59.66	23.1	22.2	25.8	25.6	26.1	25.5	27.2	21.8	97	97	85	90	88	86	10.9
26	58.30	59.45	60.61	58.88	59.07	60.27	24.8	24.5	26.2	26.1	25.6	23.8	28.4	23.4	89	89	85	86	84	93	15.7
27	59.48	60.10	61.57	59.30	59.87	60.77	23.2	23.4	25.5	27.5	26.3	25	28.4	22.4	95	94	94	74	85	91	17.6
28	59.92	60.01	61	58.44	58.42	59.40	23.7	23.5	26.4	26.5	25.6	24.7	28.1	23.1	95	96	86	88	88	92	48.7
29	58.34	58.57	59.56	57.48	58.07	59.02	24	24.5	25.6	24.7	24.9	24.9	28.8	23.8	96	94	95	95	91	92	35.3
30	58.28	59.14	59.70	57.43	58.39	59.70	24.7	23.8	26.3	27	26	24.1	27.6	28	93	95	89	84	91	96	------
31	58.75	58.90	59.36	57.24	58.43	59.18	24.5	25	27.5	28.7	25.9	25	29.7	23	88	95	80	76	80	92	26.9
Mean	58.07	58.57	59.56	57.56	58.12	59.18	24.3	24	26.8	27	25.6	24.9	28.7	23.2	92.4	93.3	85.3	83.7	88.1	91.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	615.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	NE	1	NE	2	NE	0	Calm	----	10	------	N.-cf. E	4	------	Cu. E
2	Calm	----	Calm	----	NE	1	NE	2	NNE	2	NNE	2	10	------	Fr.-N. E	10	------	Fr.-N. ENE
3	NNE	2	NNE	2	ENE	2	NE	3	Calm	----	E	0	10	------	N. E	10	Ci.-S.	N.-cf. E
4	S	0	Calm	----	Calm	----	ENE	1	Calm	----	E	0	7	Ci. NE	Cu. E	10	Ci.-S. NE	Fr.-N. E
5	NNE	0	ENE	1	NE	1	NNE	1	E	0	E	1	5	Ci. NE	Cu. E	5	Ci. NE	Cu. E
6	Calm	----	Calm	----	ENE	2	NE	1	ENE	2	ENE	1	10	Ci. NE	Fr.-N. E	7	Ci. NE	Cu. E
7	ENE	2	ENE	2	Calm	----	Calm	----	NE	2	ENE	2	9	Ci.	Fr.-N. E	10	------	Fr.-N. E
8	Calm	----	Calm	----	NNE	2	Calm	----	NE	2	E	1	10	------	Fr.-N. E	8	Ci. N	N.-cf. ENE
9	ENE	1	EbyS	0	EbyN	1	EbyN	1	Calm	----	NE	1	9	Ci.-S.	Fr.-N. E	7	A.-Cu.	Cu. E
10	ENE	0	ENE	1	E	1	EbyN	2	E	1	Calm	----	5	Ci.	S.-Cu. NE	5	Ci.	Cu. NE
11	Calm	----	Calm	----	ENE	2	ENE	3	ENE	3	EbyN	3	10	------	Fr.-N. E	8	------	Fr.-N. E
12	E	2	E	0	ENE	2	ENE	3	ENE	2	ENE	2	9	------	Fr.-N. E	8	A.-Cu.	Fr.-N. E
13	ENE	2	E	1	ENE	3	NE	3	NE	2	Calm	----	8	A.-Cu. NE	S.-Cu. E	5	Ci. NE	Cu. E
14	ENE	1	ENE	1	ENE	1	N	2	Calm	----	ENE	1	10	------	N.	10	------	N.
15	ENE	2	Calm	----	Calm	----	NE	2	NE	2	ENE	2	9	------	N.-cf.	5	A.-Cu. N	Cu. NE
16	ENE	2	ENE	2	NE	2	NE	2	ENE	2	ENE	1	8	------	S.-Cu. E	10	------	Fr.-N. E
17	NE	1	EbyN	2	Calm	----	ENE	1	Calm	----	Calm	----	10	------	Fr.-N.	9	------	Cu. ENE
18	Calm	----	Calm	----	ENE	1	NNW	2	Calm	----	Calm	----	10	------	N.	9	------	Fr.-N. NE
19	Calm	----	NE	1	NE	3	NE	3	Calm	----	NE	1	8	------	Fr.-N. ENE	10	------	N. NE
20	NE	1	Calm	----	Calm	----	ENE	2	Calm	----	Calm	----	9	------	Fr.-N. NE	10	------	N.-cf. NE
21	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	6	Ci.	S.-Cu. NE	9	------	N.-cf. NE
22	Calm	----	Calm	----	Calm	----	E	1	Calm	----	Calm	----	7	Ci.	Cu. NE	10	------	Fr.-N. NE
23	Calm	----	EbyN	1	Calm	----	SbyE	1	SE	1	Calm	----	10	------	Fr.-N. NE	10	------	Fr.-N. NE
24	Calm	----	Calm	----	Calm	----	NW	1	SE	1	Calm	----	5	Ci. N	Cu. NE	8	Ci. N	Cu. NE
25	Calm	----	SbyE	1	Calm	----	NW	2	NW	1	NNW	1	9	------	Fr.-N. NE	8	A.-Cu. N	N.-cf. NE
26	NNW	1	NNW	2	Calm	----	SE	1	Calm	----	Calm	----	10	------	N.-cf. NE	9	Ci.	N.-cf. NE
27	NW	1	Calm	----	Calm	----	NW	3	ESE	1	Calm	----	10	------	Fr.-N. NE	9	Ci.	Fr.-Cu. NE
28	Calm	----	SE	1	Calm	----	Calm	----	NNW	1	NNW	1	10	------	Fr.-N.	7	A.-Cu.	N.-cf. NE
29	NNW	1	NE	2	NW	1	NNW	3	NNW	2	NNW	2	10	------	N.	10	------	N.
30	NW	1	Calm	----	NW	2	NW	1	Calm	----	Calm	----	8	Ci.-S. N	N.-cf. NE	7	A.-Cu. N	Cu. NE
31	Calm	----	NE	1	NE	3	NE	3	NE	1	Calm	----	8	------	Fr.-N. ENE	5	Ci.	Cu. ENE
Mean	------	0.6	------	0.7	------	1	------	1.7	------	0.9	------	0.7	8.7	------	------	8.1	------	------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

FEBRUARY, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.37	59.32	60.40	58.01	59.29	60.31	24.2	24	24.6	27.7	24.6	24.7	28.5	23.1	93	96	87	80	84	91	16.3
2	59.08	59.76	60.35	58.66	59.93	60.72	24.9	24.4	27.4	26.3	25.4	26.6	29	23.5	90	93	82	82	88	87	64.7
3	59.24	60.88	62.01	60.18	60.32	60.71	25.8	23.7	24.5	23.5	22.6	22.6	27	21.9	89	94	92	94	92	96	75.4
4	59.91	59.79	60.42	57.90	58.32	59.60	23.8	24.4	26.2	27.8	26.2	24.9	30.3	22.4	89	91	86	79	90	93	20.6
5	57.87	58.60	59.56	56.89	57.92	59.17	23.8	23.7	26.9	29	26	25.2	30.1	23.5	97	97	89	81	90	93	8.9
6	58.65	58.49	59.21	57.19	57.88	58.93	23.9	23.6	26.5	28.6	26.6	24.6	29.2	23.2	96	96	90	77	83	92	3.8
7	57.53	58.63	59.41	56.76	57.69	58.64	24.2	23.6	28.1	29.4	26.7	25.1	30.5	23.3	95	96	82	76	83	88	------
8	57.38	57.57	58.61	56.65	57.04	58.08	24.8	24.5	29	28.6	26.7	24.6	30	23.8	94	94	78	79	80	92	------
9	57.18	57.38	58.02	56.35	56.86	58.01	23.7	22	28.3	29.1	26.6	26	30	21.7	98	96	76	71	84	89	14.5
10	57.53	57.74	58.08	56.74	58	58.45	25.1	24.5	27.2	23.9	24.5	23.9	27.7	22.5	92	96	84	95	95	97	29.5
11	58.20	58.38	59.05	56.89	57.48	58.58	24	23.9	28.1	29.6	26.6	24.9	30.2	23.4	94	97	81	72	86	92	------
12	57.88	58.06	58.65	56.50	57.25	58.63	23.9	22.8	28	29.2	26.4	24.6	29.9	22.5	95	97	82	78	83	92	18.5
13	58.30	59.24	60.23	58.04	59.08	59.67	22.9	22.8	23.6	24.1	23.9	23.1	24.9	22.2	95	96	96	95	94	97	78.6
14	58.58	59.55	60.10	57.61	58.79	59.45	23.1	23.5	25	26	25.2	24.6	26.9	22.8	97	97	95	87	92	94	51.3
15	58.67	59.35	60.43	58.16	58.68	59.42	23.3	22	25.8	26.2	24.6	24.8	28.6	21.7	93	92	86	86	93	93	6.9
16	58.65	58.80	59.83	57.17	57.96	58.93	24.7	24.4	25.3	27	25.5	24.2	28.5	23.7	92	95	92	85	93	97	6.9
17	57.68	57.85	58.69	56.33	57.16	58.34	23.2	23.1	28.3	26.2	25.3	24.4	29.2	22.8	96	97	84	88	93	97	26.2
18	57.13	58.18	59.08	57.01	57.53	58.88	25.1	23.9	28	26.1	26.7	26	29.2	23.6	95	97	86	91	88	90	8.9
19	58.45	58.65	59.90	57.90	58.80	59.76	25.3	23.6	27.6	28.7	25.8	24	30.5	23.2	95	96	84	82	88	91	64.7
20	60.06	60.77	61.86	60.27	60.21	60.28	23.2	22.9	23.4	23.6	24.2	25.1	25.4	22.4	95	97	96	92	93	90	40.7
21	59.63	60.33	60.60	58.46	59.03	60.51	24.1	24	27.7	28.8	27.3	24.7	30	23.1	95	95	83	80	83	91	1
22	59.41	59.57	60.37	58.12	58.63	59.76	23.1	22.7	26.3	27.8	26.6	24.9	29.5	22.3	95	97	90	83	77	87	3.3
23	58.99	59.59	60.35	57.91	58.82	59.63	23.4	22.6	28.5	27.7	26.5	23.9	29.6	22	93	96	75	77	75	89	------
24	58.60	58.75	59.93	57.97	58.53	59.26	22.7	21.5	27.5	27.7	26	25.3	29	21.2	91	94	81	76	85	87	4.1
25	58.17	58.98	59.89	57.80	58.38	59.41	25.5	25.9	26.8	26.6	24	24.5	28.7	23.7	88	78	81	84	94	90	9.7
26	58.07	58.61	59.49	57.66	58.16	58.98	23.5	23	28.5	29.4	26.3	25.4	30	22.7	95	97	77	77	82	88	14.5
27	57.93	58.37	59.11	56.87	57.61	58.95	23.8	23.4	24.9	26.4	25.1	23.9	28.1	23.1	94	96	93	90	95	94	23.6
28	57.61	57.89	59.39	57.57	57.58	58.53	23.4	23.1	27.9	28	26.5	24.4	29.4	22.5	93	96	79	74	82	91	------
Mean	58.38	58.90	59.75	57.63	58.32	59.27	24	23.5	26.8	27.2	25.7	24.7	28.9	22.8	93.7	95	85.2	82.5	87.3	91.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	592.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	Calm	----	NE	2	ENE	0	NE	1	9	A.-Cu.	N.-cf. NE	10	Ci.-S.	N.-cf. NE
2	Calm	----	Calm	----	NE	2	EbyN	2	E	0	NE	1	10	------------	Fr.-N. NE	10	Ci.-S. N	Cu. NE
3	NE	3	ENE	3	NE	1	Calm	----	EbyN	0	Calm	----	10	------------	N.	10	------------	N.
4	Calm	----	ENE	1	ENE	1	E	0	ENE	1	Calm	----	9	A.-Cu. N	S.-Cu. NE	6	Ci.-S. N	N.-cf. NE
5	Calm	----	Calm	----	NNE	0	NE	1	E	1	EbyN	1	9	------------	N.-cf. E	7	------------	N.-cf. E
6	Calm	----	Calm	----	E	0	E	2	E	1	Calm	----	10	------------	Fr.-N. E	8	Ci. N	Cu. E
7	Calm	----	Calm	----	E	1	E	1	ENE	1	Calm	----	8	Ci.-S. N	Cu. E	5	Ci.-S. N	Cu. E
8	Calm	----	Calm	----	NE	0	ENE	1	ENE	1	Calm	----	8	A.-Cu.	S.-Cu. E	9	Ci.-S. N	Cu. E
9	Calm	----	Calm	----	EbyN	0	E	1	EbyN	2	Calm	----	7	Ci. N	S.-Cu.	6	Ci.-S. N	Cu.
10	Calm	----	Calm	----	ENE	2	Calm	----	EbyS	0	Calm	----	10	------------	Fr.-N. NE	10	------------	Fr.-N. NE
11	Calm	----	Calm	----	ENE	1	NE	1	NE	2	Calm	----	10	A.-Cu.	Fr.-N. NE	4	Ci. N	Cu. NE
12	Calm	----	Calm	----	EbyN	0	NE	1	EbyS	0	Calm	----	6	Ci.-S. N	Cu. NE	5	------------	Cu. NE
13	S	0	S	1	ENE	1	Calm	----	Calm	----	Calm	----	10	------------	Fr.-N.	10	------------	N.
14	Calm	----	SSE	1	ENE	0	ENE	2	ENE	0	Calm	----	10	------------	Fr.-N. NE	10	------------	Fr.-N. NE
15	Calm	----	SbyE	1	E	0	EbyN	2	Calm	----	Calm	----	10	------------	Fr.-N. ENE	10	------------	N.
16	EbyS	1	Calm	----	EbyN	0	Calm	----	Calm	----	Calm	----	10	------------	Fr.-N. ENE	9	Ci.-S.	N.-cf. ENE
17	Calm	----	Calm	----	Calm	----	NE	1	Calm	----	Calm	----	5	Ci. N	S.-Cu. NE	10	------------	N.
18	Calm	----	Calm	----	ENE	0	NW	1	NE	2	Calm	----	8	Ci.	Fr.-N. NE	10	------------	N.
19	Calm	----	Calm	----	EbyN	0	NW	1	Calm	----	Calm	----	5	Ci.-S. N	Cu. E	6	A.-Cu.	N.-cf. E
20	Calm	----	Calm	----	NW	1	NW	1	E	0	NE	1	10	------------	N.	9	------------	Fr.-N.
21	E	1	Calm	----	ENE	1	EbyN	1	N	0	Calm	----	6	Ci.	N.-cf.	5	------------	Cu. E
22	Calm	----	Calm	----	SE	0	NE	1	ENE	0	Calm	----	4	------------	N.-cf. NE	8	A.-Cu. N	Cu. NE
23	Calm	----	Calm	----	EbyS	0	NNE	2	NE	1	Calm	----	9	A.-Cu. N	S.-Cu. NE	8	Ci.-S. N	Cu. NE
24	Calm	----	Calm	----	Calm	----	NNE	1	NNE	1	NE	1	8	Ci.-S. NE	Cu. NE	8	A.-Cu. N	Cu. NE
25	NE	1	NE	1	ENE	1	E	1	Calm	----	E	0	9	A.-Cu.	N.-cf. NE	10	Ci.-S.	Cu. NE
26	Calm	----	Calm	----	ENE	1	ENE	1	ENE	1	Calm	----	9	Ci. NE	N.-cf. E	4	Ci. NE	Cu. E
27	Calm	----	Calm	----	Calm	----	NNE	2	Calm	----	Calm	----	10	------------	Fr.-N.	9	Ci.-S.	Fr.-N. NE
28	Calm	----	Calm	----	EbyN	1	EbyN	1	ENE	1	Calm	----	7	Ci. N	Cu. NE	8	Ci.-S. N	Cu. NE
Mean	-------	0.2	-------	0.3	-------	0.5	-------	1.1	-------	0.5	-------	0.2	8.4	------------	------------	8	------------	------------

SURIGAO.

[ϕ=9° 48′ N ; λ=125° 29′ E ; barometer above sea, 6 meters ; gravity correction not applied, −1.86 mm.]

MARCH, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.25	58.28	59.27	57.48	57.38	58.46	22.7	22	28.1	27.5	26.6	25.4	30.1	21.7	96	96	77	82	86	90	1.3
2	56.98	57.37	58.27	56.38	56.91	57.56	24.3	23.6	25.5	25.7	25.4	25	27.3	23.3	96	96	89	91	91	93	19
3	56.12	57.04	58.63	56.80	57.23	58.63	24.5	23.4	28.5	28	27	25.5	30.6	23.1	97	97	85	84	86	91	----
4	58.02	58.88	59.89	57.63	58.40	59.46	24.4	23.5	29.3	30.3	26.5	23.3	30.5	22.8	94	95	70	68	77	93	----
5	58.36	59.21	60.21	58.21	58.37	59.80	22	21.2	28.4	27	26.5	23.4	30	20.7	94	96	70	84	81	90	2.5
6	58.84	59.64	60.72	58.40	58.53	59.87	21	20.2	27.2	27.6	26.1	23.2	29.5	19.8	91	95	77	71	79	92	----
7	58.10	58.67	59.65	57.70	58	59.67	22.8	21.7	28.7	28.5	26.9	24.5	30.3	21.2	88	95	67	68	75	93	2.3
8	58.47	58.60	59.84	57.87	58.49	60.12	23.5	22.3	27	25.4	24.9	23.5	29.9	22	90	95	84	89	91	95	26.2
9	58.99	59.25	60.40	58.26	59.38	60.92	24.1	24.4	27	28.3	24	24.9	29.3	22.9	92	92	81	77	92	92	28.4
10	59.60	60.48	61.47	59.66	60.64	61.97	23.7	25.7	28	29.4	26.8	26.1	30.2	23.1	94	81	76	60	79	82	----
11	60.57	60.64	61.10	59.46	60.25	61.30	24.1	22.8	28.5	28.1	26.7	26.1	29.8	22.5	89	94	70	76	77	82	----
12	60.43	61.08	61.22	59.35	59.77	60.66	24.3	22.6	29	26.9	25.5	23.4	30	22	88	93	68	78	83	92	4.3
13	60.22	60.71	61.27	59.51	59.96	60.82	23.4	23.1	26	27.7	26	25.5	28.5	22.3	93	91	85	71	72	78	3.6
14	59.61	60	60.89	59.26	59.47	60.27	25.7	25.5	28.3	27.9	26.1	24.5	30	23.2	78	78	68	71	76	82	1.3
15	59.16	58.88	59.63	57.54	57.48	58.65	23.7	23	26.1	25.6	26.3	25.5	27.4	22.6	94	95	82	84	79	85	7.3
16	56.53	56.32	56.98	55.30	55.71	57.07	24.6	24.4	26.1	25.4	25.6	25.6	27.7	23.7	81	86	82	89	83	84	1.8
17	56.03	56.20	57.22	55.50	55.97	57.69	25.3	25.4	29.9	30.6	27	23.7	31.5	23.4	82	80	65	55	67	85	----
18	56.68	57.63	58.19	56.41	56.97	58.98	25.6	25.4	30.5	28.7	26.6	24.9	31	23	86	86	72	77	86	93	----
19	57.20	57.57	58.77	56.93	57.91	59.44	23.8	23.3	28.7	29.7	26.9	25.4	30.4	22.9	95	96	82	78	86	93	----
20	58.28	59.15	60.14	57.80	58.90	60.29	24.2	24.2	28.3	29.5	25.5	25	31.1	23.3	95	96	77	71	89	92	50.8
21	59.39	59.73	60.30	58.05	58.56	60.08	24.1	23.3	26.8	27.9	26.9	25	29.9	22.9	91	97	83	79	84	84	2.8
22	58.74	59.11	60.22	58.26	58.08	59.73	23.9	23.2	27.4	28.1	25.7	24.5	29.5	22.7	91	97	84	78	86	93	7.1
23	58.58	59.16	60.50	58.04	58.14	59.80	23.4	23.4	28.8	29.7	27.5	25.5	30.8	22.4	93	96	78	78	84	93	----
24	59.05	59.95	61.23	58.95	59.10	60.97	24.9	23.7	29.1	29.4	27.7	26.7	30.6	23.2	91	95	80	74	81	91	----
25	60.10	60.32	61.43	59.23	59.84	61.31	25.8	26.1	28.4	29.7	27.7	26.7	31	24.3	86	87	79	73	79	83	----
26	60.22	60.61	62.11	60.36	60.08	61.11	26.4	26	25.1	24.4	24.6	25.1	27.9	23.6	86	86	89	90	87	92	19.5
27	59.32	59.47	60.39	58.26	58	59.35	25.7	26	28.3	27.1	27	25.4	30.4	24.6	90	94	79	84	83	92	2.5
28	57.78	58.84	59.85	58.46	58.07	59.22	25.9	26.4	28.6	26.4	27.1	26.3	30.4	24.9	88	86	80	86	83	89	15
29	58.21	58.38	59.21	57.63	58.20	59.01	26.1	26.1	28.5	25.5	26.4	26.3	29.5	24.6	86	88	79	92	91	89	25.4
30	57.35	57.36	58.53	56.97	57.33	58.55	25.7	25.7	24.5	25.1	25.5	25.1	27.5	23.2	85	90	92	92	92	91	13.5
31	57.64	57.55	58.55	56.82	57.29	58.34	24.3	23.8	25	26.6	26.4	25	27.7	23.3	91	97	95	89	90	90	11.1
Mean	58.45	58.91	59.87	57.95	58.34	59.65	24.3	23.9	27.7	27.7	26.3	25	29.7	22.9	90	91.8	78.9	78.7	83.1	89.2	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	245.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	E	1	NW	1	NE	2	E	0	8	Ci.-S. N	Cu. NE	9	Ci.-S. N	Cu. NE
2	Calm	----	Calm	----	EbyN	2	E	1	E	0	E	0	7	A.-Cu. N	N.-cf. ENE	10	----	Fr.-N. ENE
3	Calm	----	Calm	----	ENE	0	Calm	----	NE	2	Calm	----	4	----	Fr.-N.	9	----	Fr.-Cu. E
4	Calm	----	Calm	----	NE	1	NE	1	ENE	0	Calm	----	3	A.-Cu. NE	S.-Cu.	4	Ci.-S. N	Cu.
5	Calm	----	Calm	----	NE	1	Calm	----	NNE	1	Calm	----	3	Ci.	Cu.	9	----	N.-cf. NE
6	Calm	----	Calm	----	E	0	ENE	1	ENE	0	Calm	----	5	Ci.-S. NE	S.-Cu.	7	Ci.-S. NE	Cu. E
7	Calm	----	Calm	----	Calm	----	NNW	0	NE	2	Calm	----	7	Ci.-S. NE	Cu.	7	Ci.-S. NE	Cu. ENE
8	Calm	----	Calm	----	ESE	1	Calm	----	ESE	0	Calm	----	8	Ci.	N.-cf. NE	9	Ci.-S.	Fr.-N. NE
9	ENE	0	ENE	1	E	0	ENE	1	Calm	----	Calm	----	10	----	Fr.-N. E	10	----	N.-cf. E
10	Calm	----	EbyN	1	EbyN	2	NNE	2	NE	1	ENE	1	8	Ci.-S. N	Cu. NE	8	A.-Cu.	Fr.-Cu. NE
11	Calm	----	Calm	----	ENE	1	NE	3	EbyN	1	E	1	9	Ci.-S.	Fr.-Cu. NE	8	A.-Cu. N	Fr.-Cu. NE
12	E	1	Calm	----	EbyN	0	E	1	EbyN	0	Calm	----	8	A.-Cu.	S.-Cu.	8	A.-Cu. N	Cu. E
13	Calm	----	EbyN	1	Calm	----	ENE	2	EbyN	2	NE	1	10	----	N.	10	Ci.-S.	Cu. NE
14	NE	1	N	0	NE	2	Calm	----	Calm	----	S	1	9	A.-Cu. NE	S.-Cu.	10	A.-Cu. N	Cu. NE
15	Calm	----	Calm	----	NW	1	NW	2	NW	2	NW	2	10	----	N.-cf.	10	----	Fr.-N. E
16	WbyN	1	WbyN	1	WbyN	2	W	4	W	2	WSW	1	10	Ci.-S.	S.-Cu.	10	----	Fr.-N. W
17	SW	1	SW	3	SSW	2	SSW	2	SSW	1	Calm	----	8	Ci.-S. NE	Cu. SW	4	Ci. NE	Fr.-Cu. SW
18	S	1	Calm	----	WSW	1	W	2	SSW	1	Calm	----	4	Ci.-S. NE	Cu. S	4	Ci.	Fr.-Cu. SSW
19	Calm	----	SW	1	Calm	----	Calm	----	Calm	----	Calm	----	5	Ci.-S. NE	Cu. SE	4	Ci.-S. NE	Cu. SE
20	Calm	----	Calm	----	E	1	ENE	2	Calm	----	Calm	----	8	Ci.-S.	Cu.-N.	4	Ci.-S.	Cu.
21	Calm	----	Calm	----	ENE	1	ENE	2	Calm	----	ENE	1	10	Ci.-S.	Fr.-N.	9	A.-Cu. SE	Cu. E
22	Calm	----	Calm	----	EbyN	2	EbyN	2	EbyN	2	Calm	----	6	A.-Cu. SE	S.-Cu. E	9	Ci.-S.	Cu.-N. E
23	Calm	----	Calm	----	ENE	1	Calm	----	ENE	2	ENE	1	2	Ci.	Cu.	3	Ci.-S.	Cu.-N.
24	Calm	----	Calm	----	NE	1	ENE	2	E	2	ENE	1	4	Ci.-S.	Cu.	4	----	Cu. E
25	EbyN	1	EbyN	1	EbyN	2	ENE	4	EbyN	3	ENE	2	2	Ci.-S.	Fr.-Cu. E	4	----	Fr.-Cu. ENE
26	EbyN	1	EbyN	1	Calm	----	NE	1	NE	2	NE	1	7	Ci.-S. NE	Cu.-N.	10	----	Fr.-N. E
27	NE	1	E	1	EbyN	3	ENE	1	ENE	3	ENE	2	8	Ci.-S.	Fr.-Cu. NE	8	----	Fr.-N. NE
28	ENE	2	E	1	E	1	ENE	1	ENE	2	ENE	1	4	----	Cu.-N.	7	----	Cu.-N. E
29	ENE	2	ENE	2	EbyN	2	Calm	----	Calm	----	Calm	----	4	A.-Cu.	Cu.-N. NE	7	Ci.-S.	N.-cf. NE
30	EbyN	1	EbyN	2	Calm	----	E	0	ENE	1	ENE	1	8	Ci.-S. E	N.-cf. NE	10	----	Fr.-N. NE
31	Calm	----	Calm	----	Calm	----	NE	3	ENE	0	Calm	----	10	----	Fr.-N. E	10	----	Fr.-N.
Mean	----	0.4	----	0.5	----	1	----	1.3	----	1.1	----	0.5	6.7	----	----	7.6	----	----

SURIGAO.

[φ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

APRIL, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a.m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.01	58.19	59	57.58	58.46	59.32	25.8	26.1	29.6	26.5	23.9	23	30.4	22.6	84	89	77	84	91	93	13.2
2	58.35	58.90	59.29	57.34	57.90	59.09	23.7	23.9	28.1	29	26.5	26.2	30.5	23	92	95	85	78	83	89	55.9
3	57.70	58.28	58.83	56.96	57.48	58.83	24.6	24.5	25.8	25.9	25.6	24.6	26.6	23.9	93	96	93	92	93	96	33.7
4	57.39	57.74	58.20	56.40	56.55	58.22	24.3	24.2	27.2	28.9	26	26.4	30.1	23.7	95	97	84	77	88	89	24.6
5	57.28	57.90	59	56.76	57.51	59.05	24.8	24.3	29.2	29.8	25.4	24.1	30.6	23.5	92	97	83	75	89	95	13.2
6	58	58.34	59.60	57.61	57.96	59.16	23.9	24	25.1	26.1	25.3	25.2	28.6	23.1	95	96	94	94	93	95	36.6
7	58.03	58.77	59.49	57.19	58.24	59.29	24.5	24.1	28.2	29.6	26.6	24.7	30	23	92	92	77	78	87	94	12.7
8	58.23	58.30	59.24	57.42	57.63	59	24.6	24.2	25.6	25.6	26.1	24.8	28.8	23.9	93	95	95	89	87	94	30.5
9	57.99	58.21	59.30	57.27	57.76	59.16	23.2	22.6	27.9	28.1	27.1	25.2	29.1	22.2	96	97	84	78	87	93	2.3
10	57.35	58.54	59.23	57.35	57.49	59.01	24.8	24.2	29	28.1	27.1	25	30.5	23.7	92	97	78	78	83	90	5.6
11	58	58.42	59.29	57.39	57.96	59.11	24.1	23.5	29.4	29.3	27.2	26.3	30.1	23	94	96	68	72	82	90	13.7
12	58	58.10	58.88	57.05	57.64	59.01	24.1	23.2	29.1	27.8	27.1	26.1	29.7	22.6	91	96	75	81	84	85	1.3
13	57.78	58.38	59.45	57.92	59.02	59.96	24.4	25	27.7	25.7	24.7	24.3	28.3	23.8	94	93	79	92	91	96	22.4
14	58.50	59.17	59.96	58.07	59.12	60.63	23.9	23.7	26.2	27.8	25.5	24.4	29	22.7	92	94	87	79	90	94	21.3
15	59.46	60.37	60.77	59.14	59.77	60.52	23.7	23.3	27	27.5	26.6	24.3	28.4	22.1	90	91	75	81	88	94	------
16	58.97	59.72	59.81	58.25	58.75	59.47	24.2	24.5	28.5	28.8	27	24.1	30	22.3	88	92	77	76	78	91	------
17	58.18	58.56	59.12	56.85	57.45	58.81	22.9	23.4	27.5	27.3	26.8	25	28.8	22.2	94	95	84	86	88	94	2.5
18	56.89	57.25	57.73	55.77	56.81	58.07	24.5	24.1	29.1	28.1	27	24.9	29.6	23.2	89	96	79	85	85	93	------
19	56.50	56.76	57.77	55.99	56.37	58.02	23.4	23.5	29.5	28.6	27.5	24.6	30.2	22.7	96	96	76	80	81	91	------
20	56.96	57.28	58.33	56.05	56.81	57.76	23.1	22.6	28.4	28.3	27.3	25.2	29.3	21.9	93	96	80	80	84	92	------
21	56.59	56.80	57.53	54.82	55.52	56.46	24.3	24.1	26.1	26.6	25.9	26.3	28	23.5	92	96	88	86	94	93	50.1
22	54.79	55.92	56.50	54.51	55.67	57.09	25.3	23.8	26.7	27	25.5	24.3	27.6	23.4	93	97	86	80	83	91	8.1
23	56.05	56.74	57.42	55.74	56.84	58.56	24.2	23.6	29.4	28.7	27.4	25.8	31.5	22.6	96	95	75	70	79	89	------
24	57.06	57.98	59.11	57.26	58.24	59.71	24.9	24.7	29.7	28.8	27	26.1	30.4	23.8	92	92	76	69	91	92	------
25	58.55	59.12	59.85	57.69	58.56	60.29	25.3	23.9	29.4	29.7	27.7	25	31.2	23.4	97	96	75	71	82	96	------
26	59.23	59.29	60.06	58.11	58.66	60	24.7	24.8	28.4	29.4	27.6	24.5	31	23.8	94	95	82	76	85	95	7.6
27	58.63	59.23	59.93	58.04	58.32	59.86	24.1	26.1	29.8	29.9	27.6	26.2	31.5	23.8	95	93	77	78	84	91	------
28	59.14	59.86	60.32	57.80	58.62	59.67	24	24.4	29.4	29.8	27.7	26.9	30.5	23	93	92	81	74	84	90	------
29	59.11	59.17	59.85	57.88	58.78	60.67	25.2	24.3	29.6	30.1	26.1	25.2	30.7	23.4	92	94	73	71	86	90	3.6
30	59.17	59.65	60.50	58.28	58.56	59.74	23.6	24.9	24.6	30	27.5	24.5	30.4	23.1	95	92	94	71	84	92	24.1
Mean	57.86	58.36	59.11	57.15	57.82	59.12	24.3	24.1	28	28.2	26.5	25.1	29.7	23.1	92.8	94.6	81.2	79.4	86.1	92.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	383

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	ENE	2	ENE	2	EbyN	2	EbyN	2	SE	1	Calm	----	8	Ci.-S. NE	N.-cf. ENE	9	A.-Cu.	Cu.-N. ENE
2	Calm	----	Calm	----	NE	1	NE	2	EbyN	2	E	1	8	A.-Cu. E	Fr.-N. NE	9	Ci.-S.	Fr.-Cu. NE
3	Calm	----	NNE	0	Calm	----	Calm	----	NE	1	Calm	----	10	------------	N.	10	------------	Fr.-N. E
4	Calm	----	Calm	----	EbyN	1	EbyN	2	E	2	EbyN	1	10	------------	N.-cf. E	6	Ci.-S. NE	Cu. E
5	EbyN	1	Calm	----	ENE	1	E	2	Calm	----	Calm	----	9	------------	Fr.-N. E	7	Ci. NE	Cu. E
6	Calm	----	Calm	----	ESE	1	E	0	SE	1	Calm	----	8	Ci.-S. NE	N.-cf. E	10	------------	Fr.-N.
7	Calm	----	Calm	----	EbyN	1	EbyN	1	ESE	0	Calm	----	8	Ci. NNE	Cu. E	6	Ci.-S. NNE	Cu. E
8	Calm	----	Calm	----	NE	0	Calm	----	ENE	1	Calm	----	10	------------	N.	10	------------	Fr.-N. ENE
9	Calm	----	Calm	----	SSE	0	NW	2	ENE	0	Calm	----	4	Ci. NE	Cu. E	4	Ci. N	Cu.
10	Calm	----	Calm	----	E	2	E	1	ENE	1	Calm	----	7	------------	Fr.-N. E	6	------------	Cu. E
11	Calm	----	Calm	----	ENE	1	E	0	ENE	2	NE	1	4	Ci.	Cu. NE	5	Ci.	Fr.-Cu. NE
12	Calm	----	Calm	----	ESE	0	NW	3	NbyW	0	NNE	1	4	Ci. NE	Cu. E	6	Ci. NE	Fr.-Cu. E
13	Calm	----	Calm	----	EbyN	1	Calm	----	ESE	0	Calm	----	7	A.-Cu.	N.-cf. NE	10	------------	Fr.-N. NE
14	Calm	----	E	1	EbyN	1	ENE	1	ENE	1	Calm	----	10	------------	N.	10	------------	N.-cf. NE
15	Calm	----	Calm	----	Calm	----	NW	0	Calm	----	Calm	----	10	------------	Fr.-N. SE	10	Ci.-S.	S.-Cu. SE
16	Calm	----	NE	0	E	1	NNE	2	ENE	1	Calm	----	9	------------	N.-cf. E	4	Ci.	Fr.-Cu. NE
17	Calm	----	Calm	----	Calm	----	NW	2	Calm	----	Calm	----	9	------------	Fr.-Cu. NE	7	------------	Cu.-N. N
18	Calm	----	Calm	----	ESE	1	NW	1	Calm	----	Calm	----	7	Ci. NE	Cu.	8	Ci.-S. NE	Fr.-Cu. NNE
19	Calm	----	Calm	----	Calm	----	NW	2	Calm	----	Calm	----	8	Ci.	Cu. N	5	Ci. NE	Cu. N
20	Calm	----	Calm	----	ESE	1	NW	2	EbyN	1	Calm	----	5	Ci.	Cu.	7	Ci.-S. N	Cu. NE
21	Calm	----	Calm	----	Calm	----	NW	2	Calm	----	NNW	1	9	Ci.-S.	Cu.-N.	10	------------	Fr.-N. NE
22	Calm	----	Calm	----	Calm	----	SbyE	1	W	0	Calm	----	10	------------	Fr.-N. SW	10	Ci.-S.	N.-cf. SW
23	Calm	----	Calm	----	WbyN	1	W	1	Calm	----	Calm	----	9	A.-Cu.	S.-Cu. SW	9	A.-Cu.	Fr.-Cu. SSW
24	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	Calm	----	9	Ci.-S. NE	Cu.	8	Ci.-S. NE	Cu.-N.
25	Calm	----	Calm	----	ENE	2	ENE	2	Calm	----	Calm	----	2	Ci.	Cu.	2	Ci.-S.	Cu.
26	Calm	----	Calm	----	EbyS	0	NNE	1	Calm	----	Calm	----	4	Ci.-S.	Cu.-N.	3	Ci.-S.	Cu. ENE
27	Calm	----	Calm	----	NW	1	NNE	2	NE	1	Calm	----	3	------------	Cu.	3	Ci.	Cu.
28	Calm	----	Calm	----	NNW	1	ENE	2	E	0	ENE	1	5	Ci. NE	Cu. E	5	Ci.-S. NE	Cu. E
29	Calm	----	Calm	----	E	1	E	1	E	1	E	0	4	Ci.	Cu. E	4	A.-Cu. NE	Cu. E
30	Calm	----	Calm	----	EbyN	1	EbyN	1	ENE	1	Calm	----	8	A.-Cu. NE	Cu.	4	Ci.-S. NE	Cu. E
Mean	-------	0.1	-------	0.1	-------	0.7	-------	1.3	-------	0.6	-------	0.2	7.3	------------	------------	6.9	------------	------------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

MAY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.41	59.23	59.64	57.34	57.76	58.83	23.2	23.5	28	29	27.3	25.5	29.6	22.9	96	97	85	80	84	93	13.5
2	57.73	58.10	58.85	56.06	56.78	58.41	23.9	24.1	28.7	28.4	27.4	26.8	31.1	23.2	93	95	83	82	88	87	
3	57.21	58.02	58.45	56.07	56.91	58.61	24.5	24.6	28.6	28.9	27.5	25.2	29.5	23.5	95	95	82	82	87	94	11.2
4	57.72	58.01	58.42	56.12	56.96	58.40	25.7	26	28.9	28.7	27.5	25.2	29.8	23.5	95	91	78	83	84	92	4.3
5	56.99	56.93	57.34	55.20	56.16	57.47	23.9	24	29.4	29.9	27.6	26.8	31.3	23.1	92	96	72	71	84	86	
6	55.51	56.57	57.21	55.30	56.04	57.65	25	25.9	30	31.5	28.2	25.9	32.5	24.6	89	85	73	63	72	86	
7	56.49	56.96	58.11	56.05	56.31	57.77	25	25.5	31.2	31.7	28.5	25.3	33.3	24.1	92	85	75	61	73	88	
8	56.30	57.19	57.74	55.35	55.78	57.72	24.8	25.7	32.5	32.4	28.8	25	32.8	23.8	90	90	63	62	73	88	
9	56.86	56.94	57.25	55.44	55.76	57.71	24.7	25.2	30.5	30.5	28.4	26	32.9	24.1	93	90	72	72	79	92	
10	56.55	57.31	57.61	55.50	56.10	57.85	24.8	25.8	30.4	30.5	28.1	26	30.9	24	94	89	74	70	82	92	
11	57.56	57.97	58.72	56.09	56.59	58.16	24.5	24.1	30.5	30.6	28	25.6	31.5	23.7	95	96	76	74	81	91	
12	56.98	57.84	58.52	56.64	56.85	58.73	24.1	25.6	27.9	30	27.9	24.8	32.2	23.3	95	92	92	73	79	92	
13	56.98	57.72	58.05	56.07	56.26	57.73	24.1	23.7	29.8	29.1	28.1	25.1	31.5	22.9	93	95	72	75	80	92	
14	56.91	57.19	57.99	56.04	56.11	58.08	25.3	24.5	29.5	28.5	28.1	25.1	30.6	23.7	92	94	76	80	81	92	
15	56.83	57.68	58.84	56.53	57.29	58.67	24.5	24.6	29.9	30.4	28.3	24.4	31.4	23.9	94	94	75	69	72	87	
16	57.99	58.59	59.51	57.49	58.50	59.52	23.2	23	31.5	32.5	27.8	24.5	33.1	22.1	98	93	62	58	82	87	
17	58.86	59.51	59.33	56.87	57.88	59.14	24.7	24.9	29.9	32.4	28.9	26.1	33.4	22.8	88	89	73	62	80	91	
18	57.86	58.93	59.20	57.55	58.66	59.58	24	25	30.4	32.4	28.7	25.7	32.6	23.1	92	92	72	64	74	90	
19	58.99	59.40	59.96	57.79	58.44	60.49	24.3	24.6	30.8	30.8	28.5	25.7	31.6	23.4	93	92	69	72	80	93	
20													33.6	23.5							
21	59.65	60.03	60.25	58.33	58.63	59.83							32.1	22.7							
22													32.8	24.5							
23													32	23.7							
24	57.60	57.87	58.67	56.68	57.25	58.75							32.1	23.5							
25	58.25	58.32	58.76	57.14	58.12	59							32.4	23.3							
26	58.88	59.26	59.05	57.23	57.39	58.70							34.2	23.2							
27	57.70	57.68	57.68	56.29	57.03	58.12							32.2	22.5							
28	57.50	58.03	57.92	55.95	56.93	58.71							34.1	24.5							
29	58.20	59.24	59.09	57.74	58.14	59.19							30.1	23.9							8.9
30	58.39	59.03	59.95	58.05	58.13	58.86							32.6	23.8							
31	58.34	58.77	58.74	56.81	56.91	58.41															
Mean	57.62	58.15	58.60	56.56	57.13	58.57	24.4	24.8	29.9	30.4	28.1	25.5	32	23.5	93.1	92.1	74.9	71.2	79.7	90.2	
Total																					37.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm		Calm		Calm		NNW	0	ENE	1	Calm		10		Fr.-N.	4	Ci.-S. N	Cu.-N. NE
2	Calm		Calm		Calm		NW	2	NW	0	NE	1	8	A.-Cu.	S.-Cu. NE	5	Ci.-S. N	Cu. NE
3	Calm		Calm		NW	1	NE	1	Calm		Calm		9	Ci.-S. N	Cu.-N.	6	Ci.-S. N	Cu.
4	NW	1	NW	2	NNW	0	Calm		Calm		Calm		10		Fr.-N. N	8	Ci.-S. NE	Cu. N
5	Calm		Calm		WbyN	1	WbyS	2	Calm		Calm		9	Ci.-S. E	N.-cf.	9	Ci.-S. E	Cu. WNW
6	Calm		S	0	SW	1	SW	1	WSW	1	Calm		10	Ci.-S.	Cu.	7	Ci.-S. NE	Cu.
7	Calm		Calm		N	0	WbyS	2	Calm		Calm		6	Ci.-S. NE	Cu.	3	Ci. NE	Cu.
8	S	1	Calm		SW	1	WbyS	1	Calm		Calm		2	Ci.-S.	Cu. SW	1	Ci.-S.	Cu.
9	Calm		Calm		WbyS	2	WSW	1	Calm		Calm		7	Ci.-S. NE	Cu. SW	6	Ci.-S. NE	Cu.-N. SW
10	Calm		Calm		S	0	W	1	Calm		Calm		2	Ci.-S. NE	Cu.	6	Ci.-S. NE	Cu.-N.
11	Calm		Calm		Calm		Calm		EbyN	1	Calm		3	A.-Cu. NE	S.-Cu. S	5	Ci.-S. NE	Cu.-N. S
12	Calm		Calm		ENE	1	NW	1	NE	1	Calm		2	Ci.	Cu. E	6	Ci. SE	Cu. E
13	Calm		Calm		ESE	1	NW	1	Calm		Calm		5	Ci.-S. N	Cu.	9	Ci. N	Cu. NE
14	Calm		Calm		Calm		ENE	2	Calm		Calm		6	Ci. N	Cu.	7	Ci.-S. N	Cu. NE
15	Calm		Calm		NW	1	WNW	1	Calm		Calm		8	A.-Cu. SE	Cu. NE	5	Ci. N	Cu. NE
16	Calm		Calm		WNW	1	W	2	Calm		Calm		8	Ci.-S. NE	Cu. SW	4	Ci.-S. NE	Cu. SW
17	Calm		Calm		WNW	1	SW	2	NNE	1	Calm		8	Ci. NE	Cu. SW	3	Ci. NE	Cu.-N.
18	Calm		Calm		NW	1	W	2	Calm		Calm		3	Ci.-S.	Cu. SW	4	Ci.-S. N	Cu.-N. SW
19	Calm		Calm		WSW	1	Calm		Calm		Calm		4	Ci. N	Cu.-N. SW	6	Ci. N	Cu.-N. SW
20																		
21																		
22																		
23																		
24																		
25																		
26																		
27																		
28																		
29																		
30																		
31																		
Mean		0.1		0.1		0.7		1.2		0.3		0.1	6.3			5.5		

This station was temporarily reduced to third-class station from May 20 to July 13.

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

JULY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.70	57.72	57.80	56.73	57	58.10	24	24.3	25.9	25.5	25.9	24.5	30	22.9	-----	-----	-----	-----	-----	-----	40.9
2	58	58.07	58.80	57.66	57.85	58.95	24.7	24.5	27.1	29.7	27.8	26.3	31	22.9	-----	-----	-----	-----	-----	-----	1
3	58.25	58.08	58.25	57.48	57.15	59.10	26.1	24.7	28.9	30.2	28.5	24.4	31.9	22.8	-----	-----	-----	-----	-----	-----	-----
4	58.60	58.66	59.10	57.40	57.65	59.40	23.7	23.5	28.5	30.4	29	26.5	31.8	22.7	-----	-----	-----	-----	-----	-----	-----
5	58.95	58.93	60	58.70	58.75	60.15	24.1	23.5	29.3	31.1	28.4	25.4	32.2	22.5	-----	-----	-----	-----	-----	-----	-----
6	59.85	60.03	60.85	59.51	59.25	61.20	23.9	23.1	28.7	28.9	27.3	25.5	32.1	22.5	-----	-----	-----	-----	-----	-----	3.3
7	60.40	60.60	60.90	58.92	59	60.80	24.2	23.7	28	29.9	28.2	26.1	32	22.4	-----	-----	-----	-----	-----	-----	-----
8	60.60	60.21	60	58.78	58.90	60.55	24.2	23.5	29.3	31.4	28.9	26.1	32.1	22.4	-----	-----	-----	-----	-----	-----	1.5
9	59.70	59.20	59.30	57.64	57.80	59.55	23.9	23	29.8	30.5	29.4	26.8	32	22.2	-----	-----	-----	-----	-----	-----	-----
10	58.90	59.12	58.95	57.58	57.45	58.60	25.2	24.5	30.1	31.7	29.5	25.8	32.8	22.8	-----	-----	-----	-----	-----	-----	-----
11	-----	-----	-----	-----	-----	-----	23.9	23.6	29.1	31.4	28.4	25.6	32.9	22.7	-----	-----	-----	-----	-----	-----	-----
12	-----	-----	-----	-----	-----	-----	24.9	23.9	29.3	29.9	28.2	24.3	31.2	22.2	-----	-----	-----	-----	-----	-----	9.1
13	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	23.3	-----	-----	-----	-----	-----	-----	2.5
14	55.63	56.17	56.27	54.41	55.10	56.77	24.5	24.7	30.3	30.6	27.5	24.8	31.6	23.6	91	94	70	63	77	84	-----
15	55.53	56.73	57.57	55.76	56.64	57.81	27	25.7	29.3	31.4	28.1	24.4	32.5	23.9	81	89	74	62	74	91	-----
16	56.89	58.03	58.07	56.42	57.16	58.80	23.2	24.2	30	30.9	27.9	25.4	32.2	22.5	90	91	74	66	82	93	-----
17	57.58	58.14	58.55	57.46	57.51	59.49	23.7	24.4	29.2	30.2	28.5	26.8	31.4	22.9	92	93	78	67	77	86	-----
18	58.44	58.54	59.21	57.33	57.50	58.25	24.3	24.9	31	30.9	28.1	26.8	32	23	93	90	67	72	76	79	2.3
19	57.05	57.29	57.60	55.95	56.63	57.45	25	25.5	28.1	29	27.5	26.1	30.7	24.3	92	93	82	78	81	90	2.3
20	56.83	57.34	57.70	56.51	57.42	59.40	24.7	24.3	30.3	30.8	28.6	27.5	32.2	24	90	90	66	65	76	80	4.6
21	58.68	58.93	59.16	57.95	58.67	60.56	24.9	25.5	29.9	30.9	27	24.5	31.5	23.4	93	90	75	71	86	92	15
22	59.04	58.83	58.77	57.01	57.62	58.85	24.6	24.6	29.7	30.6	28.6	26.6	31.4	23.4	95	96	79	71	85	92	-----
23	57.61	57.09	57.15	55.18	55.74	56.88	24.6	24.4	29.5	29.2	28.4	26	29.8	23.5	95	93	79	79	80	94	57.1
24	56.02	56.25	56.72	55.34	55.64	57.02	24.6	22.7	26.8	28.8	27.1	24.8	29.6	22	94	95	90	78	83	92	-----
25	55.60	56.07	56.61	55.74	56.53	57.87	23.5	25	30.2	29.5	28.2	25.7	30.8	22.9	95	92	73	75	80	88	-----
26	56.59	57.39	57.77	56.41	56.93	58.43	24.5	24.6	29.3	29.2	28.5	25.6	30.6	23	92	92	76	73	79	93	-----
27	57.72	58.20	57.97	56.15	56.78	58.47	24.6	23.8	30.8	30.8	28.7	26	32	23.4	93	95	75	67	76	89	-----
28	57.36	57.54	57.56	56.45	56.83	58.48	24.4	24.1	29.7	31.5	28.6	25.7	32	23.6	92	93	72	68	82	90	3.5
29	56.79	57.09	57.35	55.79	56.59	57.90	24.6	25	30.9	31.8	29	25.5	32.2	23.8	92	95	70	62	68	87	-----
30	57.41	57.53	58.35	57.09	57.53	59.01	24.8	24.6	30.5	31	28.5	25	32.5	23.9	92	92	68	66	73	88	-----
31	57.85	58.54	59.44	57.53	57.94	59.60	24.1	23.9	31.6	32	28.9	25	32.5	23.1	92	93	68	62	68	83	-----
Mean	57.84	58.08	58.42	56.96	57.34	58.84	24.5	24.3	29.4	30.3	28.2	25.6	31.6	23	91.9	92.6	74.2	69.2	77.9	88.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	143.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
10	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
11	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
12	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
13	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
14	S	1	Calm	-----	SSW	2	SSW	2	SSW	1	S	1	9	Ci.-S.	Cu.-N. SW	4	Ci.-S. N	Fr.-Cu. SW
15	S	1	Calm	-----	SSW	1	S	1	SW	1	S	1	9	Ci.-S.	Cu.-N. S	7	Ci.-S. N	Cu.-N. SW
16	SSW	1	S	1	Calm	-----	W	1	Calm	-----	Calm	-----	6	Ci.-S. NE	Cu.-N.	5	Ci.-S. NE	Cu. SW
17	Calm	-----	SbyW	1	NW	1	NW	1	W	1	S	1	7	Ci.-S. NE	Cu. S	4	Ci.-S. NE	Cu.-N. S
18	SSE	1	Calm	-----	EbyN	1	NE	1	EbyN	2	E	2	2	Ci.	Cu.	5	Ci.-S. N	Cu. NE
19	Calm	-----	Calm	-----	EbyN	2	ENE	2	EbyN	2	E	1	5	Ci.-S.	N.-cf.	8	Ci.-S. NE	Cu.-N. E
20	Calm	-----	Calm	-----	ENE	2	EbyN	2	E	2	NE	2	2	Ci.	Cu.	4	Ci.-S.	Cu.-N.
21	Calm	-----	Calm	-----	ENE	1	NNE	2	NNE	2	E	1	4	-----	Cu.	6	-----	Cu.-N. ENE
22	Calm	-----	Calm	-----	EbyN	1	E	1	NbyE	1	Calm	-----	10	-----	Fr.-N. E	4	Ci.	Cu. E
23	Calm	-----	Calm	-----	ENE	1	NW	2	NW	1	Calm	-----	2	-----	Cu.-N.	4	Ci.-S. EbyN	Cu.
24	SW	1	Calm	-----	WbyN	1	W	1	WSW	1	Calm	-----	10	-----	Cu.-N.	9	Ci.-S. E	Cu.-N.
25	Calm	-----	Calm	-----	WbyN	1	WSW	1	EbyS	1	S	1	6	Ci.-S. E	Cu. W	9	Ci.-S. E	Cu.-N. W
26	Calm	-----	Calm	-----	S	1	WbyN	1	ENE	1	SE	1	5	Ci.-S. NE	Cu.-N.	5	Ci.-S. NE	Cu.-N.
27	S	1	W	1	Calm	-----	W	3	WSW	1	SSW	1	6	Ci. NE	Cu.-N.	4	Ci. NE	Cu.-N. W
28	Calm	-----	SbyE	1	WbyS	1	WSW	1	WSW	1	S	1	6	Ci. E	Cu.-N.	4	Ci.-S. E	Cu.-N. W
29	S	1	Calm	-----	Calm	-----	SSW	2	WSW	1	SW	1	10	Ci.-S. EbyN	Cu.-N. W	6	Ci.-S. EbyN	Cu.-N. W
30	S	1	Calm	-----	W	1	WSW	2	WSW	1	SSW	1	8	Ci. NE	Cu.-N.	9	Ci.-S. NE	Cu.-N. W
31	SbyW	1	S	1	W	1	WSW	1	WSW	1	Calm	-----	2	Ci.-S.	Cu.-N.	7	Ci.-S. NE	Cu.-N.
Mean	-----	0.5	-----	0.3	-----	1	-----	1.5	-----	1.2	-----	0.8	6.1	-----	-----	5.8	-----	-----

SURIGAO.

[ϕ=9° 48′ N ; λ=125° 29′ E ; barometer above sea, 6 meters ; gravity correction not applied, —1.86 mm.]

AUGUST, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.43	58.20	58.47	56.71	57.24	59.08	24.2	24.3	31.8	31.3	28.5	25.3	33.1	22.7	91	90	65	64	75	88	------
2	56.93	57.37	57.72	55.74	56.58	58.11	24.4	24.9	31.4	31.7	28.5	24.9	32.8	23.5	92	92	64	67	78	88	1.8
3	57.48	57.38	58	56.29	57.01	58.25	24.8	23.9	30.6	30.5	27.2	25.5	31.6	23.3	90	93	70	68	85	92	------
4	57.01	57.58	57.97	56.31	57.51	58.88	25	24.9	29.9	30.3	28.4	25.5	31.7	23.6	92	92	72	68	77	89	------
5	57.92	58.18	58.57	56.71	57.01	58.58	24.2	24.8	29.5	30.3	28.1	25.5	32.5	23.8	94	86	74	72	79	91	------
6	57.93	58.34	58.57	57.16	57.26	58.86	24.4	25	29	32	28.6	25.2	32.7	23.5	93	92	78	64	73	89	------
7	58.11	57.93	58.07	56.43	57.23	58.48	24.4	24.5	31.1	31.3	27.9	25.8	32.6	23.2	91	92	64	64	80	81	------
8	58.21	57.82	58.52	56.76	56.76	58.76	25.1	24.7	29.9	29.6	27.4	24.6	30.8	23.7	90	92	71	74	80	91	------
9	57.88	57.80	58.26	56.96	57.68	58.91	23.9	23.8	31.1	31	28.8	25.1	33.4	23.2	92	93	71	61	69	86	1
10	58.02	58.10	58.56	56.92	57.55	58.84	24.4	24.2	31	32.4	27.7	24.9	33.1	23.7	93	94	64	60	79	88	------
11	57.77	58.10	58.66	56.73	57.69	58.88	24.5	24.9	32	30.3	28.5	25.9	33	23	92	92	67	66	78	88	------
12	58.76	58.84	59.40	57.20	58.01	58.88	25	24.6	29.2	30.9	28.2	25.2	32	24.1	91	92	73	63	79	90	------
13	58.31	57.77	57.75	55.78	56.68	57.62	25.5	25.3	31.5	31.9	28.5	27	33.5	24.1	90	90	66	61	78	85	2
14	56.78	57.56	58.38	56.17	57.25	58.19	25.1	24.9	25.2	28.9	27.3	25.6	29.6	24.1	95	92	93	74	84	91	7.3
15	57.68	58.49	58.37	56.43	57.15	58.56	25.1	25.1	28.5	30.1	27.5	25.5	31.4	24.2	92	88	77	68	76	85	4.1
16	58.07	58.83	58.57	55.84	56.25	58.35	24.1	23.3	28.5	29.4	28.2	25.3	32.1	22.7	94	95	79	71	82	88	------
17	56.99	57.48	58	56.02	56.54	58.72	24.5	24.6	30.4	30.6	28.7	26.1	32.2	23.1	92	92	72	65	78	89	------
18	57.27	57.60	58.34	56.41	56.87	58.72	24.5	25.1	31.7	31.4	28.4	25.7	33.1	23.1	93	88	65	68	78	89	------
19	57.19	57.45	58.84	56.68	57.31	58.84	25.1	24.9	31.3	27.7	25.8	24.7	32.6	23.9	91	92	68	85	88	95	34.2
20	56.80	57.64	58.22	56.60	57	58.92	23.9	23.8	28.4	29.7	27.2	26.5	30	23	93	96	80	73	83	86	7.1
21	57.81	58.04	58.42	56.96	58	59.39	25.4	24.2	29.9	28.6	28.1	25.5	31.1	23.3	90	90	71	80	77	93	------
22	58.49	58.89	59.31	57.44	58.10	58.59	24.1	23.2	28.3	29.6	25.6	24.1	30.5	22.7	95	96	81	74	91	95	------
23	57.69	57.70	58.37	56.24	56.75	58.28	23.5	23.5	28.9	29	27.5	26	30.6	22.6	95	95	79	77	84	92	------
24	56.45	57.10	57.27	55.93	56.65	57.33	24.1	24.3	28.9	30.5	27.6	25.5	31.3	23.2	94	93	76	68	87	93	------
25	56.58	56.24	56.27	55.22	56.15	57.28	25	25.2	30.6	30.8	28.5	25.4	32.2	23.1	91	92	67	68	75	89	------
26	56.32	56.68	56.54	55.44	56.43	57.62	25	25.3	30.6	31.5	28.5	26.2	32.5	23.4	91	91	72	64	78	90	------
27	56.89	57.44	57.69	55.98	57.35	58.24	25.1	24.8	31.4	30.6	28.9	26.4	32.7	23.9	92	90	68	64	75	89	------
28	57.59	57.98	57.65	56.28	57.58	59.15	25.1	25.6	30.5	30.5	28.5	25.6	31.4	23.7	91	88	68	68	78	92	------
29	57.99	58.10	58.34	56.37	57.50	59.02	25	25	31.9	31.6	27.9	25.6	33.1	23.4	92	92	62	63	77	88	------
30	57.48	58.07	58.64	56.26	57.01	58.57	25.6	27.4	31.9	32.9	28.3	25.5	33.5	24.5	87	81	61	56	81	89	1.5
31	57.16	57.12	57.84	55.64	56.49	58.03	24.8	24.9	31.2	31.7	28	25.8	34.5	24	91	92	71	64	81	89	------
Mean	57.55	57.80	58.18	56.37	57.12	58.51	24.7	24.7	30.2	30.6	28	25.5	32.2	23.5	91.9	91.4	71.3	67.8	79.5	89.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	59

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	Calm	----	SSW	1	W	1	SbyW	1	WbyS	1	Calm	----	4	Ci. SE	Cu.-N. W	6	Ci.-S. SE	Cu. W
2	Calm	----	SSW	1	WbyS	1	W	1	SSW	1	Calm	----	5	Ci.	Cu.-N. W	7	Ci.-S. E	Cu.-N.
3	Calm	----	Calm	----	WbyS	1	WSW	1	Calm	----	Calm	----	4	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. sw
4	Calm	----	Calm	----	WSW	1	W	2	WSW	1	SSW	1	3	Ci.-Cu.	Cu.-N.	3	Ci.-S.	Cu.-N.
5	Calm	----	Calm	----	W	1	S	2	WSW	1	Calm	----	3	Ci.-Cu.	Cu.-N.	4	Ci.	Cu.-N. sw
6	SbyW	1	SSW	1	WNW	2	WSW	2	W	1	Calm	----	5	Ci. E	Cu. W	5	A.-Cu. SE	Cu.-N. W
7	SSW	1	Calm	----	W	1	WbyS	2	Calm	----	S	2	8	Ci.-S. E	Cu. W	4	Ci. E	Cu.-N.
8	Calm	----	Calm	----	WSW	1	WSW	2	SSW	1	Calm	----	10	A.-Cu.	Cu.-N.	10	Ci.-S.	Cu. SW
9	Calm	----	Calm	----	SSW	1	W	1	Calm	----	Calm	----	5	Ci. E	Cu. WSW	6	Ci.-S. E	Cu.-N. WSW
10	S	1	Calm	----	W	2	WSW	1	Calm	----	Calm	----	7	A.-Cu. E	Cu. W	6	A.-Cu. E	Cu.-N. W
11	SSE	1	S	1	ENE	1	W	1	SSE	1	Calm	----	5	Ci.-S. E	Cu.	9	Ci.-S.	Cu.-N. sw
12	S	1	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	9	Ci.-S.	Cu.-N.	6	Ci.-S. E	Cu. W
13	S	1	S	1	W	2	SbyE	2	Calm	----	Calm	----	7	A.-Cu. E	Cu.-N.	7	A.-Cu. E	Cu. W
14	S	1	W	2	SW	1	SSW	1	Calm	----	Calm	----	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
15	SW	1	SW	1	W	2	W	1	Calm	----	Calm	----	10	------------	Fr.-N. SW	2	Ci.-S.	Cu. SW
16	Calm	----	Calm	----	Calm	----	W	2	Calm	----	S	1	10	A.-Cu. N	Cu. SW	2	Ci.-S.	Cu.
17	Calm	----	S	1	S	1	W	1	NW	2	S	1	4	Ci.-S.	Cu.	3	Ci.	Cu.-N.
18	Calm	----	E	1	ENE	1	NE	1	E	2	Calm	----	2	Ci.	Cu.-N.	4	Ci.	Cu.-N.
19	S	1	NE	1	NE	1	Calm	----	E	1	Calm	----	3	Ci. NE	Cu. E	9	------------	Cu.-N. E
20	Calm	----	Calm	----	ENE	2	ENE	2	NE	2	S	1	5	------------	Cu.-N. E	10	Ci.-S. NE	Cu.-N. E
21	Calm	----	Calm	----	Calm	----	Calm	----	E	1	Calm	----	10	Ci.-S. NE	Cu.-N.	10	Ci.-S. NE	Cu.-N. E
22	Calm	----	Calm	----	Calm	----	ENE	1	Calm	----	Calm	----	5	Ci. NE	Cu.-N. E	10	Ci.-S. NE	Cu.-N. E
23	S	1	Calm	----	Calm	----	W	1	E	1	Calm	----	9	Ci.-S. NE	Cu.	10	Ci.-S. NE	Cu.-N.
24	Calm	----	Calm	----	WNW	1	WNW	1	Calm	----	Calm	----	4	A.-Cu. SE	Cu. SW	6	------------	Cu.-N. sw
25	Calm	----	Calm	----	ENE	1	NNW	1	E	1	Calm	----	1	Ci. NE	Cu.-N.	2	Ci.	Cu.
26	Calm	----	Calm	----	Calm	----	ENE	2	ENE	1	Calm	----	4	Ci. NE	Cu.-N.	2	------------	Cu.-N.
27	Calm	----	Calm	----	ENE	1	WNW	1	Calm	----	Calm	----	1	Ci.	Cu.	5	------------	Cu.-N.
28	S	1	Calm	----	WbyN	2	WbyN	1	Calm	----	S	1	1	------------	Cu.-N.	6	------------	Cu.-N.
29	S	1	Calm	----	W	2	W	1	Calm	----	S	1	7	Ci. NE	Cu.	4	Ci.-S. NE	Cu.-N.
30	S	1	SSW	1	S	1	SSW	2	Calm	----	Calm	----	5	A.-Cu. SE	Cu.-N. SW	5	Ci.-S. NE	Cu.-N. sw
31	Calm	----	Calm	----	Calm	----	W	1	SW	1	S	1	7	A.-Cu. SE	Cu.-N. SW	8	Ci.-S. NE	Cu.-N. sw
Mean	------	0.4	------	0.4	------	1	------	1.3	------	0.6	------	0.3	5.6	------------	------------	6.2	------------	------------

SURIGAO.

[φ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

SEPTEMBER, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.77	56.87	57.33	55.43	56.50	58.18	24.8	26.4	32.4	31.2	28.1	25.8	33.9	24.2	92	87	64	64	80	87	------
2	56.99	57.58	57.61	55.78	56.50	58.08	25.1	24.9	31.4	33	28.5	26	33.9	23.9	91	92	66	61	78	84	------
3	57.01	57.33	57.04	55.60	56.80	58.41	25	25.9	32.6	31	28.2	26.1	34.1	24.2	90	85	61	65	71	84	------
4	56.87	57.02	57.54	55.83	55.94	57.50	24.8	24.2	30	32.1	28.4	25.1	33.5	23.6	89	92	73	60	68	86	------
5	56.82	56.92	57.46	55.66	56.21	57.92	24.5	24.5	29.9	31.2	28.3	26	32.2	23.7	90	94	72	64	72	89	------
6	57.01	57.02	57.29	55.13	55.93	57.30	24.2	25	31.4	30.6	28.2	25.5	32.4	23.9	94	92	70	66	76	84	------
7	56.28	56.82	57.14	55.45	56.22	57.73	24.8	24.6	32.2	32	29.1	25.7	34	23.1	88	91	63	58	78	88	------
8	57.12	57.52	58.25	56.40	57.43	59.10	24.9	24.6	31.4	30.9	28.4	25.4	31.5	23.7	92	94	70	69	83	89	------
9	58.39	58.60	59.33	56.92	57.64	58.70	24.9	24.3	31	30.8	28.4	24.8	32	23.6	90	95	72	72	78	93	27.2
10	58.01	58.89	59.37	56.94	58.17	60.27	24.2	24	26.2	29.1	27.4	24.4	29.8	23.6	93	96	88	76	82	92	8.2
11	58.39	58.49	59.58	57.43	58.15	59.59	23.9	24.1	30	29.6	28.5	27.7	32.2	22.9	92	94	71	70	77	81	8.1
12	59.22	59.09	59.16	57.56	57.94	59.47	26.1	24.3	29.4	28.5	27.9	25.4	30.4	24	88	95	74	75	82	93	1.5
13	58.38	58.54	58.91	56.80	58.06	59.02	24.9	24.6	29	29.2	27.7	25.7	31.2	23.2	93	93	78	76	80	93	------
14	58.29	58.72	58.96	56.95	57.81	59.75	25.1	24.4	28.5	29.4	26.9	24.8	30.1	23.2	94	92	78	76	84	94	7.7
15	58.39	58.29	58.71	56.97	57.41	58.58	24.1	23.5	27.6	25.8	25.4	23.6	29.3	23.2	94	97	81	90	88	94	8.9
16	57.61	57.90	59.01	56.71	57.45	59.06	23	22.6	27.4	28.5	26.7	24.9	31	21.9	95	96	81	76	86	93	------
17	58.80	58.58	59.81	58.23	59	60.91	24.3	23.9	29.5	29.7	28.1	25.5	31.1	22.9	94	95	78	76	84	89	------
18	60.08	60.10	61.04	58.68	59.40	60.58	24.1	24.7	29.2	29.4	28.5	27.5	31	22.7	95	92	80	81	80	87	------
19	59.19	59.30	59.77	57.69	58.01	59.40	25.8	25	28.5	27.2	26.5	24.8	30.1	23.8	93	93	80	84	85	92	4.3
20	57.72	57.72	58.16	55.97	58.01	59.85	24.4	23.9	28.4	28.6	24.1	23.2	29.5	22.4	92	95	79	71	92	95	53.3
21	58.29	57.96	58.71	56.69	57.91	59.61	22.9	22.7	29.4	30.5	27.3	24.1	31	22.2	94	96	76	72	84	96	6.4
22	58.67	58.86	59.34	57.13	57.98	59.40	23.5	23.3	29.8	30.1	28.5	25.6	31	22.3	97	96	77	71	80	91	------
23	58.22	58.54	58.98	56.48	57.45	58.24	24.4	24.3	29.5	29.7	27.6	25.1	30.2	23.1	96	93	76	73	81	93	------
24	57.09	57.49	57.11	55.13	56.44	57.24	24.9	24.1	30.4	30.7	27.3	25.1	31.4	23.4	92	93	70	64	85	90	------
25	56.52	56.62	57.10	54.70	56.11	57.75	24.6	24.6	29.6	29.7	27.5	25.5	31.5	23.7	95	94	73	73	81	88	2.8
26	56.44	56.68	57.50	55.02	56.35	57.83	24.9	25.3	25.5	29.2	27.1	25	30.6	23.2	94	93	93	74	83	93	68.8
27	56.22	56.99	57.72	55.50	56.37	57.45	24.7	25.4	28.6	30.1	27.4	25.7	31.6	23.8	92	94	75	67	81	88	7.1
28	56.02	56.63	57.07	55.10	56.32	57.11	25	25	29.8	30.9	27.5	26	31.8	24.8	92	94	71	60	81	89	------
29	56.17	56.24	57.02	55.40	56.53	58.06	25.7	24.2	31.5	31.6	28.4	24.5	32.8	23.7	86	91	67	60	78	91	28
30	57.22	58.08	58.52	56.93	58.01	59.81	24.6	24.6	30.6	32.2	27.6	25	33.2	23.2	92	94	76	57	72	83	------
Mean	57.61	57.85	58.35	56.34	57.27	58.73	24.6	24.4	29.7	30.1	27.6	25.3	31.6	23.4	92.3	93.3	74.4	70	80.3	89.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	232.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	NE	1	WSW	2	Calm	----	S	1	5	A.-Cu. SE	Cu. S	9	Ci.-S.	Cu.
2	S	1	Calm	----	Calm	----	NW	1	SW	1	S	1	6	Ci.-S. NE	Cu.-N.	7	Ci.-S. NE	Cu.-N. sw
3	S	1	S	1	WSW	2	W	1	Calm	----	SSW	1	5	Ci.-S. NE	Cu.	7	Ci.-S. NE	Cu.-N.
4	S	1	Calm	----	WNW	1	WSW	1	WSW	1	Calm	----	9	Ci.-S.	Cu.-N.	8	Ci.-S. NE	Cu.-N.
5	S	1	S	1	NW	1	NW	2	Calm	----	Calm	----	9	Ci.-S.	Cu.-N.	9	Ci.-S. NE	Cu.-N. S
6	S	1	S	1	ENE	1	WNW	1	Calm	----	S	1	10	Ci.-S.	Cu.-N.	8	A.-Cu. N	Cu.-N.
7	S	1	SSW	1	WNW	2	W	2	Calm	----	S	1	4	Ci.-S. NE	Cu. SW	4	Ci.	Cu.-N.
8	Calm	----	Calm	----	NW	1	WNW	1	Calm	----	S	1	7	Ci. NE	Cu.-N. SW	7	Ci. E	Cu.-N. sw
9	S	1	S	1	NE	1	NE	1	E	2	Calm	----	5	Ci.-S. E	Cu.-N. NW	7	Ci.-S. E	Cu.-N. NW
10	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	S	1	10	------------	Fr.-N.	8	A.-Cu. SE	Cu.-N.
11	Calm	----	Calm	----	E	2	Calm	----	ENE	2	E	2	6	Ci-S. NW	Cu.-N.	6	Ci.-S. NW	Cu.-N.
12	E	2	E	1	SE	1	Calm	----	ENE	1	Calm	----	10	------------	Cu.-N.	9	A.-Cu.	Cu.-N.
13	Calm	----	Calm	----	NW	1	Calm	----	Calm	----	Calm	----	7	A.-Cu. E	Cu.-N.	9	Ci.-S.	Cu.-N.
14	S	1	Calm	----	WSW	1	NW	1	E	1	Calm	----	5	A.-Cu. NE	Cu.-N.	5	------------	Cu.-N. sw
15	Calm	----	Calm	----	Calm	----	WSW	1	WSW	1	Calm	----	10	------------	Cu.-N. W	10	------------	Cu.-N. W
16	S	1	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	8	Ci.-S. NE	Cu.-N.	10	Ci.-S. NE	Cu.-N.
17	Calm	----	Calm	----	Calm	----	WNW	1	E	1	Calm	----	2	Ci.	Cu.-N.	4	Ci.	Cu.
18	S	1	Calm	----	ENE	1	Calm	----	ENE	2	NE	2	2	Ci.	Cu.-N.	4	Ci.-S. SE	Cu.-N.
19	Calm	----	S	1	WNW	1	NE	1	NE	1	SW	1	3	Ci.	Cu.-N.	10	------------	Cu.-N.
20	Calm	----	Calm	----	Calm	----	W	1	Calm	----	Calm	----	10	Ci.-S. NE	Cu.-N. N	10	Ci.-S. NE	Cu.-N. N
21	Calm	----	Calm	----	ENE	1	ENE	1	NE	1	Calm	----	10	------------	Cu.-N.	4	Ci.-S.	Cu.-N. SSE
22	Calm	----	Calm	----	Calm	----	WbyN	1	ENE	1	Calm	----	5	Ci.-S.	Cu.-N.	4	Ci.-S.	Cu.-N.
23	Calm	----	Calm	----	SE	1	WNW	1	Calm	----	E	1	3	------------	Cu.-N.	3	Ci.	Cu.-N.
24	Calm	----	Calm	----	W	2	W	2	Calm	----	Calm	----	8	A.-Cu.	Cu.-N. WNW	9	Ci.-S.	Cu.-N. WNW
25	Calm	----	Calm	----	WSW	1	WSW	2	Calm	----	WNW	2	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
26	Calm	----	Calm	----	Calm	----	W	2	S	1	WSW	1	4	Ci.	Cu.-N.	7	Ci.-S. NE	Cu.-N. W
27	SW	1	SW	2	S	2	SSW	2	SW	1	SW	1	10	------------	Fr.-N. SW	7	A.-Cu. S	Fr.-N. SSW
28	SW	2	Calm	----	SW	2	SW	3	W	1	SSE	1	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. sw
29	S	1	Calm	----	NE	1	W	1	Calm	----	Calm	----	6	Ci.-S. NE	Cu.-N.	6	Ci.-S. NE	Cu.-N.
30	Calm	----	Calm	----	S	1	W	1	SSW	1	S	1	4	A.-Cu. SE	Cu.-N.	4	Ci. N	Cu,-N.
Mean	-------	0.5	-------	0.3	-------	0.9	-------	1.1	-------	0.6	-------	0.6	6.8	------------	------------	7.1	------------	------------

SURIGAO.

[φ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, −1.86 mm.]

OCTOBER, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.74	58.90	59.76	57	58.72	59.50	24.8	24.9	28.6	30	27.6	25.6	31.6	23.9	88	92	78	73	84	91	------
2	58.22	58.79	59.71	58.06	57.55	58.30	24.2	23.6	24.6	25.8	25	24.6	26	23.2	90	90	92	88	92	90	6.1
3	57.59	57.97	59.15	57.19	58.57	59.90	24.7	24.8	30.8	30.6	27.6	25	32.5	22.9	91	91	62	62	73	89	------
4	58.70	59.12	60.29	58.25	59.01	60.47	24.6	24.6	30	30.6	28.1	26	31.4	23	94	91	71	60	77	88	------
5	59.14	59.50	60.13	57.70	58.45	59.85	24.9	23.6	29.4	30	28.2	25.6	31	22.7	92	94	79	74	81	93	------
6	58.59	58.63	58.67	56.68	57.48	58.93	25.4	25.4	29.6	29.7	27.6	25.1	30.8	23.5	93	93	77	71	83	92	------
7	58.31	58.13	58.54	56.57	58.15	59.10	24.9	25.6	31.6	30.8	27.6	25.9	32.9	23.5	95	91	72	66	83	90	------
8	58.69	58.96	59.48	57.95	58.78	59.80	25.3	24.9	31.5	29.9	27	25.9	31.9	24.1	93	92	68	71	83	88	------
9	58.36	59.56	59.69	57.63	58.76	59.44	24.3	25	30	30.5	27	25	31.9	23.6	94	92	77	74	86	92	------
10	58.62	59.38	59.35	57.55	58.33	59.16	24.7	24.5	30.5	30.1	28.5	24.8	31.2	23.7	93	92	72	72	80	92	------
11	58.19	59.03	60.25	57.73	59.26	60.12	24.4	24.2	30.4	30.6	24.7	23.3	31.3	22.9	93	94	72	68	86	92	------
12	59.02	59.41	60.23	58.28	58.66	60.40	23.6	23.9	29.1	28.7	26.8	25.1	30.7	22.4	88	86	73	80	85	92	------
13	59.02	59.53	59.98	57.27	58.56	59.67	24.3	23.4	29.1	30.1	27.1	24.6	32.5	23	91	93	75	71	84	94	------
14	59.03	59.37	59.91	57.62	58.65	60.20	24.2	23.7	29.1	29.2	28.2	25.4	30.3	22.9	96	95	76	77	81	89	------
15	59.13	59.49	61.04	59.02	59.55	60.11	24.7	24.1	30.6	27.5	26.7	24.5	31.2	23.2	92	94	69	84	88	92	------
16	59.22	59.71	60.01	57.58	58.94	60.67	23.9	23.4	29.5	29.3	28.2	25.6	30	22.5	94	95	79	74	82	91	------
17	59.27	59.68	60.18	57.93	58.98	60.34	24.9	24	31.1	29.4	27.7	25.9	33	23.1	93	93	71	72	84	88	------
18	59.30	60.35	60.90	58.94	59.83	61.04	25.2	24.3	30.9	29.1	25.6	24.8	31	23.7	91	94	72	74	91	92	------
19	59.48	60.07	60.38	58.45	58.89	59.99	24.3	23.7	29.1	29.2	27.9	25.2	30.5	23	94	96	78	78	79	93	6.6
20	58.82	59.17	59.64	57.49	58.30	59.49	25.2	25.2	31.5	29.1	28.1	26.1	31.9	23.7	92	92	66	74	83	90	11.7
21	58.99	59.13	59.67	57.55	58.46	59.71	24.6	23.6	26.9	27.8	26.9	24.2	29	23	90	94	82	82	80	94	1
22	58.92	59.10	59.76	57.67	58.46	59.04	24.2	24.4	30.5	28.9	27.9	24.6	31.5	22.6	95	94	74	77	82	91	12.7
23	58.42	58.94	58.19	57.13	58.27	58.59	24.4	24.3	26.6	25.5	25	24.6	28.7	23.8	92	95	90	94	94	96	10.5
24	57.87	58.13	59.10	56.99	57.90	59.52	24.7	25.1	26.4	27.6	26.6	25.6	30	23.5	96	94	88	84	87	92	1.5
25	58.78	59.73	59.93	57.73	58.81	60.31	25	24	28.9	28	26.7	24.4	29.7	23.4	91	96	82	81	86	93	------
26	59.29	59.97	59.27	57.02	58.01	58.81	24	23.7	29.2	29.4	27.6	25.6	30.6	22.9	95	95	77	79	83	93	6.4
27	57.89	58.31	58.79	56.43	57.63	58.32	25.3	24.9	27.9	27.5	26.1	25	28.6	24.3	93	96	89	87	93	96	11.6
28	57.02	57.61	58.46	56.03	57.45	58.47	25.3	25.7	27.2	28.9	27.4	25.5	29	24.7	94	92	87	79	86	93	3
29	57.12	57.47	59.04	56.43	57.70	58.10	25.4	25.2	24.9	26.6	27	26.6	29.1	23.7	95	96	92	86	87	89	12
30	56.49	57.23	57.55	54.23	54.68	54.78	25.7	24.5	26.1	27.5	26.4	25.6	27.7	23.5	88	95	90	85	89	93	20
31	52.68	53.04	52.66	50.49	49.46	49.40	25	25	25.3	24.6	26.4	26	26.6	24.2	90	91	93	91	86	84	113.6
Mean	58.35	58.82	59.35	57.18	58.07	59.08	24.7	24.4	28.9	28.8	27.1	25.2	30.5	23.4	92.5	93.2	78.2	77	84.5	91.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	216.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p.m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	S	1	WSW	1	Calm	----	Calm	----	6	A.-Cu. S	Cu.-N. W	8	Ci.-S.	Cu. W
2	S	2	Calm	----	Calm	----	WSW	1	W	2	S	1	10	------	N.	10	------	Cu.-N.
3	S	1	Calm	----	S	1	SW	2	S	1	S	1	2	Ci.	Cu.-N.	6	Ci. NE	Cu. W
4	S	1	Calm	----	SE	1	W	1	ESE	1	Calm	----	9	Ci.-S.	Cu. WSW	2	Ci.-S.	Cu.-N.
5	Calm	----	Calm	----	SE	1	WNW	1	Calm	----	Calm	----	3	Ci.	Cu.-N.	4	Ci.-S. ENE	Cu.-N.
6	Calm	----	Calm	----	NW	1	WNW	1	Calm	----	Calm	----	5	Ci.-S. ENE	Cu.-N.	5	A.-Cu.	Cu.-N. W
7	Calm	----	Calm	----	SW	1	WNW	2	SW	1	S	1	4	Ci.-S.	Cu.-N. SW	5	Ci.-S. SW	Cu.-N.
8	S	1	Calm	----	WSW	1	SW	1	SW	1	Calm	----	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. W
9	Calm	----	SE	1	WSW	1	W	1	Calm	----	Calm	----	10	Ci.-S.	Cu.-N. W	9	Ci.-S.	Cu.-N. W
10	Calm	----	Calm	----	SW	1	NW	1	NE	2	Calm	----	2	Ci.	Cu.-N.	7	Ci. NW	Cu.-N. W
11	Calm	----	Calm	----	NE	1	NW	1	S	1	Calm	----	9	Ci.-S.	Cu.-N.	7	Ci.	Cu.-N. SE
12	Calm	----	Calm	----	S	1	ENE	2	Calm	----	S	1	3	Ci.	Cu.-N.	10	------	Cu.-N. E
13	Calm	----	Calm	----	Calm	----	ENE	2	Calm	----	Calm	----	6	Ci. S	Cu.-N. E	5	Ci.-S. S	Cu.-N. E
14	Calm	----	Calm	----	NW	1	NW	1	NNE	1	Calm	----	4	Ci. E	Cu.-N.	6	------	Cu.-N. S
15	Calm	----	Calm	----	ESE	1	W	2	SE	1	Calm	----	3	Ci.	Cu.-N. S	10	------	Cu.-N.
16	Calm	----	Calm	----	S	1	WNW	1	NE	1	Calm	----	8	Ci.-S. NE	Cu. W	7	Ci.-S. NE	Cu.-N.
17	Calm	----	Calm	----	NE	1	NW	1	ENE	1	SE	1	7	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu. SW
18	Calm	----	Calm	----	SSE	1	NW	1	E	1	E	1	5	Ci.-S.	Cu.	5	Ci.-S. N	Cu.-N. S
19	Calm	----	ESE	1	SE	1	NE	1	NE	2	S	1	7	------	N.-cf. E	6	------	Cu.-N. E
20	Calm	----	Calm	----	NE	1	NW	1	NE	2	SE	1	2	------	Cu.-N.	2	------	Cu.-N.
21	Calm	----	Calm	----	Calm	----	NE	1	NE	1	Calm	----	10	------	N.	9	A.-Cu.	Cu.-N.
22	Calm	----	Calm	----	ENE	1	NE	1	NE	1	Calm	----	4	Ci.	Cu.-N.	6	Ci.-S.	Cu.-N.
23	Calm	----	Calm	----	Calm	----	WNW	2	Calm	----	Calm	----	10	------	Cu.-N.	10	------	Cu.-N.
24	NNE	1	NE	1	E	1	ENE	1	Calm	----	NE	1	10	------	Fr.-N.	10	------	Cu.-N. E
25	ENE	2	SE	1	NE	1	NW	2	NE	1	WSW	1	8	A.-Cu. SE	Fr.-N. E	10	------	Cu.-N. E
26	Calm	----	Calm	----	S	1	NW	2	NE	1	Calm	----	5	Ci.-S. ESE	Cu. E	5	Ci.-S. SSE	Cu.-N.
27	Calm	----	Calm	----	SE	1	ESE	1	NW	1	SW	1	10	------	N.	10	------	Cu.-N. E
28	NW	1	NW	2	NW	1	NE	1	NNE	1	Calm	----	10	------	N.	8	Ci.-S. N	N.-cf. NE
29	Calm	----	Calm	----	Calm	----	NW	1	NW	1	NNW	1	7	Ci.-S. N	Cu.-N. E	10	------	Fr.-N.
30	Calm	----	Calm	----	Calm	----	SW	1	SW	1	SW	2	9	------	S.-Cu.	10	------	Fr.-N.
31	SW	3	SW	4	SW	5	SSW	5	SbyW	8	SSW	9	10	------	Fr.-N. SW	10	------	Fr.-N. SW
Mean	------	0.4	------	0.3	------	0.9	------	1.4	------	1.1	------	0.7	6.7	------	------	7.4	------	------

SURIGAO.

[φ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

NOVEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	49.40	51.17	53.16	52.06	54.65	56.71	24.9	24.2	28.1	29.7	25.7	24.7	30.5	23.9	88	94	80	77	86	92	------
2	56.29	56.99	57.67	56.30	57.21	58.61	25.1	25.4	29.4	30	28	26.4	31	24.1	91	89	78	78	85	93	8.9
3	57.92	58.54	59.23	56.59	57.46	58.53	25.7	25.7	28.2	29.8	27.6	25.5	30.7	24.1	96	94	85	77	87	91	14.5
4	57.92	58.38	58.95	56.92	57.59	58.87	24.7	24.1	27.1	27.9	25.6	25	29.7	23.5	95	97	88	81	98	94	26.9
5	57.79	58.30	58.95	56.44	57.42	58.61	24.5	23.7	29.4	29	26.4	25	30.8	23	95	97	80	78	87	93	14
6	57.19	58.37	58.62	56.33	57.26	58.70	24.7	24.6	28	29.2	27.5	26.6	30	23.3	94	94	86	83	87	91	------
7	57.69	58.28	59.24	57.05	57.90	59.38	25.2	24.1	27.4	28	26.5	23.8	28.4	23.4	94	97	88	85	89	95	12.7
8	58.82	58.40	58.81	56.65	57.64	58.33	23.7	23.5	29.1	29.4	27	25.4	30.6	22.8	96	97	81	80	83	93	1.3
9	57.39	58.04	58.73	55.95	56.82	57.91	24.6	23.8	27	28.1	27.5	26.1	29	23.3	95	97	86	82	82	88	3.3
10	56.42	56.73	57.14	55.72	55.87	57.23	25.3	24.4	28.4	24.5	25	24.4	29.1	23.5	93	97	78	91	87	91	12.4
11	56.11	57	57.32	55.22	55.98	57.46	23.9	22.7	27.3	26.8	26.8	24.4	28.1	21.5	94	96	81	84	82	94	------
12	56.22	56.38	56.82	54.55	55.84	56.81	24.1	23.3	28.7	29.1	27	25.6	30.2	23.1	95	97	78	76	86	89	------
13	55.27	55.40	56.64	54.54	55.59	56.91	26	26.5	30.4	30.7	27.1	25.3	32	24.8	87	85	70	68	84	91	2.5
14	55.79	56.73	57.42	54.89	55.59	57.27	24.8	24.4	28.1	29	26.8	24.7	29.7	24	92	95	85	76	87	94	------
15	56.22	56.43	57.54	55.22	56.04	57.09	24.2	23.9	29.8	29.4	27.8	26.6	30.1	23.3	94	96	76	79	87	89	------
16	55.81	56.47	58.19	55.72	56.08	57.87	25.8	24.7	23.6	24.9	25.1	23.6	26.5	22.7	93	94	98	92	89	96	67.6
17	57.29	57.74	58.37	56.20	57.56	59.11	23	22.8	29	28.9	27.5	25.7	30.6	22	97	97	77	72	85	92	------
18	58.39	58.84	58.94	56.44	57.75	58.33	24.9	23.4	29.3	29	27.3	26	29.9	22.8	92	96	78	78	85	94	4.8
19	57.02	57.53	59.14	56.53	57.61	57.65	24.8	24	23.9	26.1	25	24.6	26.4	23.5	96	97	96	88	92	95	71.9
20	56.89	56.81	57.25	55.09	56.24	57.11	23.7	23	28	29	27	25.5	30.1	22.6	97	97	77	72	83	90	------
21	55.69	56.24	56.65	54.60	55.76	56.59	24.9	24.6	28.4	29.4	26.6	25.5	30.1	23.7	92	96	83	77	91	94	25.2
22	55.70	56.14	56.90	55.07	56.41	57.95	24.8	24.3	30.5	29.5	27.9	25.9	31.2	23.9	93	95	78	76	84	92	19.8
23	57.42	57.53	59.07	56.26	57.35	58.21	24.8	23.6	27.4	27.5	26.7	24.7	28.6	23.3	95	96	87	84	90	95	6.6
24	57.39	58.22	58.73	57.18	57.97	58.08	24.5	24.6	27	24.7	23.7	23	27.5	22.6	96	97	84	94	95	97	26.4
25	56.73	59.49	58.64	56	57.18	57.90	23.1	23.5	25	27.1	23.5	23.3	27.5	22.2	98	96	96	81	91	96	43.7
26	56.76	57.69	58.42	56.19	56.70	57.74	22.8	22.5	28.5	28.3	26.3	23.9	29.2	22	96	96	80	78	90	94	22.6
27	56.98	57.61	58.06	57.12	57.06	57.79	23.7	23.3	24.2	24.2	23.5	23	24.8	22.5	94	96	95	93	94	96	69.3
28	56.31	57.08	57.75	55.58	55.87	56.47	22.8	22.7	23.2	24.5	24.5	25	25.5	22.2	97	96	95	95	96	93	204.2
29	55.32	56.37	58.79	56.32	56.56	58.07	24.9	24.7	24.6	25.5	25.6	24.7	26	23.7	97	96	95	92	89	95	31.7
30	57.19	57.74	58.65	56.26	57.49	58.27	24.2	23.9	28.9	27.7	26.6	25.1	30.2	23.5	96	97	78	79	90	94	3.6
Mean	56.58	57.22	57.99	55.83	56.75	57.85	24.5	24	27.6	27.9	26.3	25	29.1	23.2	94.3	95.5	83.9	81.5	88	93	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	693.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m,		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SbyE	4	S	1	SE	1	ESE	1	SE	1	SSE	1	10	------------	Fr.-N. ssw	10	------------	Cu.-N. S
2	SSE	2	S	1	ENE	1	ENE	1	ENE	2	SE	1	7	A.-Cu.	Fr.-N. SE	8	A.-Cu. NW	Cu.-N. SE
3	ESE	1	Calm	----	NE	2	NE	1	NNE	1	NE	1	6	------------	Fr.-N. E	4	A.-Cu. N	Cu.-N. E
4	Calm	----	Calm	----	S	1	ENE	1	SSE	1	Calm	----	4	------------	Cu.-N.	9	------------	N. E
5	Calm	----	Calm	----	ENE	1	E	1	ESE	1	Calm	----	9	Ci.-S.	Cu.-N. SE	9	A.-Cu. E	Cu.-N. SE
6	Calm	----	Calm	----	NE	1	NNE	1	NNE	2	NNE	1	9	------------	Fr.-N. E	6	Ci. NE	Cu.-N. E
7	Calm	----	Calm	----	NNE	1	Calm	----	NE	1	SE	1	4	Ci.-S.	Cu.-N.	10	------------	Cu.-N. E
8	Calm	----	Calm	----	NNE	1	NE	2	ENE	1	S	1	7	Ci.-S. SE	N.-cf. E	9	Ci.-S. SE	Cu.-N. E
9	Calm	----	Calm	----	NW	1	NW	1	NW	2	NNW	2	8	Ci.-S. E	Cu.-N. NW	4	Ci.-S. E	Cu.-N. NW
10	Calm	----	Calm	----	WNW	1	ENE	1	NW	1	WSW	1	10	------------	Cu.-N. WNW	10	------------	Fr.-N. E
11	ENE	5	Calm	----	WSW	1	NW	2	NW	2	Calm	----	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N. W
12	Calm	----	Calm	----	W	2	SW	1	WSW	1	W	1	10	Ci.-S. NE	Cu.-N. W	9	Ci.-S. NE	Cu.-N. W
13	SSW	1	SbyW	1	SW	1	S	1	S	1	S	1	10	Ci.-S.	Cu.-N. W	9	Ci.-S. NE	Cu. WSW
14	Calm	----	Calm	----	WNW	1	WNW	1	NW	1	SW	1	4	A.-Cu.	Cu.-N.	9	A.-Cu.	Cu.-N.
15	Calm	----	Calm	----	SW	1	W	1	NE	1	NE	1	4	Ci.-S. NE	Cu.-N. S	5	------------	Cu.-N. S
16	SE	1	SE	1	NbyE	2	NW	1	WNW	1	SSW	1	8	------------	Fr.-N.	10	------------	Fr.-N. WNW
17	Calm	----	Calm	----	S	1	NW	1	NE	2	ESE	1	4	Ci.-S.	Cu.-N.	3	------------	Cu.-N.
18	S	1	SE	1	SE	1	NNE	2	NE	1	NE	2	4	------------	Cu.-N.	4	A.-Cu. E	Cu.-N. SE
19	Calm	----	S	1	SW	1	NW	1	NE	1	SW	1	10	------------	Cu.-N.	10	------------	Cu.-N.
20	Calm	----	Calm	----	W	1	W	1	Calm	----	Calm	----	10	Ci.-S. E	Cu.-N. W	7	Ci.-S. E	Cu. W
21	S	1	S	1	WSW	1	SSW	1	WSW	1	SSW	1	10	------------	Cu.-N.	9	A.-Cu. NW	Cu.-N. W
22	S	1	S	1	ENE	1	WNW	1	ENE	1	SE	1	8	Ci.-S.	Cu.-N.	4	Ci.-S.	Cu.-N.
23	S	1	S	1	S	1	WNW	1	Calm	----	Calm	----	10	------------	N.	10	Ci.-S.	Cu.-N.
24	Calm	----	Calm	----	E	1	S	1	S	1	S	1	9	------------	Cu.-N.	10	------------	Cu.-N.
25	S	1	S	1	SSE	1	E	1	S	1	Calm	----	10	------------	Cu.-N.	10	------------	Fr.-N. E
26	S	1	SSE	1	E	1	ENE	1	ENE	1	Calm	----	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
27	SE	1	SE	1	SbyE	1	ENE	1	SSE	1	SSE	1	10	------------	N.	10	------------	N.
28	Calm	----	Calm	----	NNE	1	NNW	2	NE	2	NE	2	10	------------	N.	10	------------	N.
29	NE	3	NE	2	ENE	2	ENE	1	ENE	2	ENE	1	10	------------	N.	10	------------	N.
30	Calm	----	Calm	----	ENE	2	NNW	1	NE	1	ENE	1	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. E
Mean	------	0.8	------	0.5	------	1.2	------	1.1	------	1.2	------	0.9	8.1	------------	------------	8.2	------------	------------

SURIGAO.

[φ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

DECEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.39	58.14	58.60	56.52	57.42	57.65	24.8	23.9	25.1	24.2	24	24.3	25.5	23	94	97	90	96	96	96	29.9
2	56.51	56.91	56.52	54.74	54.45	54.97	23.7	23.1	25.6	24.7	25.1	25	26.3	22.6	97	97	94	95	97	96	83.4
3	53.68	54.50	55.87	54.72	56.35	57.27	25.7	26	25.4	27.1	27	25.8	27.5	24.5	90	88	93	84	81	88	22.1
4	56.95	58.63	58.97	57.93	58.90	60	24.5	25.5	25.9	27.3	26.3	25.7	27.9	23.7	93	93	91	86	90	92	3.3
5	59.32	60.03	60.61	58.21	58.99	59.52	24.7	24.2	29	28.1	27.1	25.9	30.4	23.3	93	97	81	82	87	89	3.6
6	58.89	59.86	60.80	58.22	58.64	58.94	25	24	25.4	25	25.4	24.1	26.1	23.7	92	95	92	92	89	96	3.6
7	57.49	58.13	58.49	56.36	57.72	58.30	23.8	23.5	29.3	29.6	26.1	24	30	22.6	96	97	80	77	90	93	2.8
8	57.70	58.21	59	56.71	57.64	57.94	23.6	23.1	27.9	28	26.5	24.6	28.7	22.6	94	97	81	77	84	94	------
9	57.02	57.74	58.18	56.35	56.90	57.64	24.1	23.5	28.9	26.1	26	24.7	29.1	23.1	96	96	78	93	94	97	9.4
10	57.09	57.72	58.85	56.80	57.54	58.39	24.6	23.9	24.9	29.6	26	25.2	29.9	23.4	97	97	92	79	89	95	28.9
11	57.63	58.30	59.18	56.88	57.91	58.58	25	24	25.1	25.3	25.2	25.5	26.1	22.3	93	97	92	93	94	93	31.5
12	57.69	57.80	58.84	56.84	57.39	58.47	24.9	24.4	25.7	24.9	25.1	24.6	26	23.7	94	93	91	94	95	96	30.8
13	57.42	57.59	58.17	56.30	56.77	58.39	24.7	24.5	28.4	26.4	25.6	24.5	29.9	23.9	97	96	81	87	93	93	15.7
14	57.14	57.21	58.22	56.25	57.16	57.97	23.8	23.1	26.9	27.7	25.9	24.4	29.2	22.8	96	97	88	84	92	97	11.4
15	57.02	57.18	58.59	56.66	57.79	59.02	24.3	23.9	25.7	25.2	24.1	23.9	26.2	23.4	96	97	91	95	97	96	92.4
16	58.31	58.50	59.48	57.36	58.17	58.99	23.4	23	26	26.2	25.4	24.4	27.6	22.5	97	97	85	89	93	96	------
17	57.92	58.31	59.27	56.78	57.39	59.30	23.9	23.4	27.1	26.4	25.3	23.5	27.6	23	95	97	83	90	91	97	19.5
18	58.73	59.31	60.05	57.86	58.73	59.76	23.2	23	25.7	28.7	26.3	26	29.4	22.6	97	96	91	80	87	85	2
19	59.30	59.37	59.77	57.86	58.86	59.77	25.1	24	27.3	25.9	25.6	25.4	28	23.6	90	95	87	85	90	92	11.2
20	58.69	59.23	59.90	57.39	57.92	57.14	25.4	25.5	26.6	26.1	25.8	24.9	26.9	22.9	80	88	84	84	81	80	------
21	57.02	57.76	57.79	55.80	56.14	57.07	24.1	23.4	27.1	25.1	25.2	24.5	27.3	23	86	91	76	91	87	92	9.6
22	55.92	56.38	57.11	54.83	55.82	56.72	24.2	24.1	27.4	27.4	26.6	25.5	30	23.1	93	94	79	81	80	88	2.3
23	56.02	56.44	57.11	54.86	56.06	56.84	24.9	24.5	28.9	27.3	25.3	24.9	29.5	24.1	92	96	78	87	93	96	9.4
24	56.48	57.37	58.67	56.25	57.26	58.93	24.5	23.9	29.6	30.1	27.6	26.8	30.6	23.5	96	96	77	74	86	89	------
25	58.18	59.77	60.88	58	58.10	59.06	26.3	25	29.8	29.6	27.5	26.7	30.9	24.4	92	95	79	79	84	90	------
26	58.34	59.32	60.21	57.71	58.92	59.85	26.1	24	29.1	29.7	27.5	26	30.7	23.7	87	93	77	76	84	92	------
27	59.09	59.96	60.66	58.43	59.74	61.01	25.1	24.4	28.9	30	27	26.6	30.3	24	95	97	78	72	86	86	8.6
28	60	60.36	61	58.94	60.03	61.01	25.2	23.9	29.7	29.7	27.3	26.7	30.7	23.4	92	95	73	70	84	86	1.5
29	59.69	60	60.51	58.24	58.42	59.24	26.2	25.9	27.6	29	26.5	25.8	29.4	24.7	86	85	85	74	85	89	1.5
30	58.49	59.19	59.77	58.48	59.36	59.52	24.5	23	28.4	26	25.1	25	28.9	22.5	92	96	76	91	89	92	33.3
31	58.69	59.02	59.40	57.86	58.98	59.75	25.5	26.1	26.4	27.6	26.9	26.7	28	24.8	89	87	85	83	80	80	9.2
Mean	57.74	58.33	59.05	56.97	57.79	58.61	24.7	24.1	27.3	27.2	26	25.2	28.5	23.4	92.8	94.6	84.1	84.5	88.6	91.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	652.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	ENE	1	NW	1	NNE	1	S	1	S	1	ESE	1	10	------	Fr.-N. E	10	------	Fr.-N. E
2	S	1	Calm	----	NE	1	NNE	3	NE	5	NE	7	10	------	Fr.-N. ENE	10	------	N. NE
3	NE	8	ENE	6	E	5	E	4	EbyS	5	ESE	1	10	------	Fr.-N. E	10	------	Fr.-N. E
4	SE	2	EbyS	1	ESE	1	E	2	ESE	1	SE	1	10	------	Fr.-N. ESE	10	Ci.-S. E	Fr.-Cu. SE
5	SE	2	SE	1	ENE	1	EbyS	1	NE	2	NE	2	7	------	Cu.-N.	4	------	Cu. E
6	SE	1	ENE	1	ENE	1	E	1	ENE	2	Calm	----	10	------	Cu.-N.	10	------	Cu.-N.
7	Calm	----	Calm	----	ENE	1	ENE	1	NNE	2	SE	1	5	Ci.-S.	Cu. E	5	Ci.-S.	Cu. E
8	Calm	----	Calm	----	NW	1	NW	1	NNE	1	Calm	----	4	Ci.	Cu.-N.	6	Ci. N	Cu. E
9	Calm	----	Calm	----	SE	1	NW	1	Calm	----	SE	1	3	------	Cu.-N.	10	------	Cu.-N. E
10	Calm	----	Calm	----	SE	1	NNE	1	E	1	Calm	----	5	Ci. N	Cu.-N. E	4	------	Cu.-N. E
11	SE	1	Calm	----	NW	1	NE	1	ENE	1	NE	2	10	------	N.	10	------	N.
12	E	3	SE	1	E	2	E	1	NE	1	E	1	10	------	Cu.-N.	10	------	Cu.-N.
13	E	2	E	2	ENE	1	NNE	5	ENE	2	ESE	1	10	------	N.	10	------	Fr.-N. E
14	Calm	----	SSE	1	ENE	1	NW	2	NE	2	ENE	1	10	A.-Cu. E	Cu.-N.	10	Ci.-S. E	Cu.-N.
15	Calm	----	SSE	1	SE	1	Calm	----	ENE	1	SE	1	10	------	N.	10	------	Fr.-N. E
16	Calm	----	SSE	1	SSE	1	NW	1	NE	1	SE	1	10	------	Fr.-N. ENE	10	Ci.-S.	Cu.-N.
17	Calm	----	Calm	----	WNW	2	NW	2	NE	1	NE	1	10	Ci.-S.	Cu.-N.	9	Ci.-S. E	Cu.-N.
18	NE	1	S	1	SSE	1	ENE	1	NNE	1	NbyW	1	10	------	N.	9	A.-Cu. E	Cu.-N.
19	NE	2	SE	1	NW	2	NNE	2	NE	3	NE	2	8	A.-Cu. E	Cu.-N.	10	------	N.
20	NNE	2	NNW	2	NbyW	2	NNW	3	NNW	4	NNW	4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
21	NNW	2	SW	1	WSW	1	W	2	WSW	2	W	3	10	A.-Cu.	S.-Cu.	10	------	Fr.-N. NW
22	WSW	2	WSW	3	SSW	3	S	2	SSW	1	SW	1	10	A.-Cu. SE	Fr.-N. W	9	Ci.-S. NW	N.-cf. WSW
23	SSW	1	S	1	S	1	NNW	2	Calm	----	Calm	----	10	Ci.-S.	Cu.-N. W	5	Ci.	Cu.-N. E
24	Calm	----	Calm	----	ENE	2	E	1	ENE	2	E	2	4	Ci.-S. NE	Cu. E	5	Ci. NE	Cu. E
25	NE	2	Calm	----	ENE	1	NE	2	E	2	ENE	1	8	------	Cu.-N. E	4	Ci. NE	Cu. E
26	NE	2	SE	1	ENE	1	ENE	1	ENE	2	Calm	----	3	------	Cu.-N.	5	Ci. NE	Cu. E
27	E	1	Calm	----	NE	3	ENE	2	NE	2	NE	2	7	------	Cu.-N. E	5	------	Cu. E
28	E	1	SE	1	ENE	2	ENE	3	NE	3	NE	2	5	A.-Cu. SE	Cu. E	4	Ci. NE	Cu. E
29	NE	4	NE	4	NNE	4	NE	3	NE	3	NE	1	7	Ci.-S. NE	Cu.-N.	8	A.-Cu.	Cu.-N. E
30	E	1	SE	1	SE	1	NNW	3	NNE	1	NNE	3	4	Ci.	Cu.-N.	10	------	N.
31	NE	3	NE	4	ENE	4	NE	3	NE	3	NE	3	10	Ci.-S.	Fr.-N. ENE	10	------	Fr.-N. ENE
Mean.	------	1.5	------	1.2	------	1.6	------	1.9	------	1.9	------	1.5	8.1	------	------	8.1	------	------

CEBU.

[φ=10° 18′ N; λ=123° 54′ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.84 mm.]

JANUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.64	58.17	58.64	57.05	57.79	58.78	24.6	24.1	29	29.5	27.5	24.7	29.9	23.2	75	78	62	58	64	71	------
2	58.27	58.43	60.62	57.58	57.60	59.34	23	23.6	26.1	26.9	26.5	25.5	28	22.3	78	77	76	70	70	73	1.8
3	59.02	59.80	60.71	58.75	59.71	60.86	25.5	24.1	27.4	29	26.5	24.9	29.1	23.7	75	74	66	64	75	79	1.1
4	60.32	60.32	60.74	58.37	59.95	60.72	24.6	24.7	28.6	29.9	27	25	30	24	78	75	66	63	73	80	5.3
5	59.53	59.97	60.81	57.95	59.04	61.42	24.5	23.9	28.2	29.5	26.2	25.4	30	22.9	78	81	69	60	76	81	14.8
6	58.81	58.41	59.64	57.69	57.87	58.37	24.9	24.5	27.8	28.9	26.8	25.7	29.3	23.7	79	77	71	59	76	75	.3
7	57.27	57.24	58.03	56.15	56.85	57.89	24.8	24.5	28.2	29.2	27.4	25	29.9	24.4	77	79	64	60	67	77	------
8	57.29	57.48	58.59	55.95	56.14	57.47	24.1	24.1	27.8	30	28.3	26	30.5	23.5	75	74	66	59	66	74	------
9	56.58	56.87	57.90	56.20	56.77	58.11	25	24.5	28	27.4	26.9	26	29.4	24.2	77	78	70	70	69	72	------
10	57.18	57.60	58.36	56.13	56.22	57.34	25	23.8	28.8	29	26.9	26.2	29.5	23.3	76	77	63	59	65	69	1.3
11	56.74	56.68	57.60	55.19	56.13	57.20	24.2	23.6	27.9	28.6	26.5	26.1	29	23.4	80	83	69	66	76	76	------
12	56.26	56.73	57.85	56.10	56.72	57.48	25.5	25.1	27.6	28.1	26.8	25.6	29.2	24.5	76	77	74	68	72	76	.3
13	56.69	56.83	57.58	55.99	56.52	57.66	24.3	22.2	28.7	28.6	26.8	23.5	28.9	21.6	73	78	61	66	68	79	------
14	56.50	56.43	57.85	56.06	56.72	57.73	23.7	23.7	28	28.5	27.5	25.4	28.8	22.7	81	81	67	62	66	77	30.2
15	57.62	57.79	58.98	56.82	58.11	58.99	23.4	23.9	24	28.4	27	24.3	29.5	23	85	80	83	62	68	81	3.6
16	58.27	58.67	59.48	57.72	58.09	58.70	24.5	24.5	27.9	28	26.1	24.7	28.9	23.7	75	74	60	65	71	75	------
17	58.15	58.29	58.70	56.44	57.71	58.26	24.4	24.5	29	29	26.9	25.6	29.6	23.5	76	73	58	58	66	71	------
18	57.53	57.75	58.42	56.28	57.47	59.01	24.6	24.4	29	29.3	26.1	24.6	29.8	23.9	75	75	63	62	73	79	11.9
19	58.20	58.47	59.38	57.33	58.15	59.74	23.8	23.2	28.6	29.2	26	25.2	29.6	22.5	81	83	63	65	76	80	31.7
20	59.32	59.96	61.01	58.39	59.40	60.26	24.3	23	27.4	29.5	27.4	25.3	29.6	22.5	84	90	73	64	70	77	3.8
21	59.61	59.38	60.49	58.78	59.25	60.05	24.2	23.7	28.3	26.5	26.1	24.5	30	23.3	79	81	65	77	71	79	.5
22	59.23	59.71	61.14	58.48	59.04	59.89	23.6	21.5	26.7	29.2	26.9	25.6	29.5	21.2	81	85	64	62	66	74	------
23	59.36	59.77	61.11	58.25	58.57	60.31	24.9	24	27.5	29	26.5	24.5	30	23.9	70	71	60	52	62	70	------
24	59.67	59.06	60.30	57.90	58.88	60	23.4	22.4	28.5	29	27	25.2	29.9	22.3	74	74	61	64	66	74	------
25	59.11	58.88	60.32	58.13	58.54	59.99	24.4	22.5	29	29.2	26.5	25.3	29.8	22.2	75	79	60	63	70	71	------
26	59.31	59.16	60.40	58.40	58.99	60.20	24.3	24.5	28.5	29.2	26.3	25.3	30	23.9	74	71	60	58	67	73	------
27	59.85	60.30	61.46	59.51	59.97	61.02	24.9	24.1	28	28.1	27	24.9	29	23.7	73	74	65	63	63	72	.8
28	60.52	60.26	61.51	58.64	58.77	59.72	24.2	24.3	26	28.5	25	24.8	30	23.5	78	73	72	62	79	74	------
29	58.81	58.58	59.39	57.64	58.03	59.21	23.9	24	28.1	29	26.2	24.7	29.8	23.5	71	70	60	59	65	66	------
30	58.98	58.88	59.65	57.54	58.21	59.70	24.5	24.5	28.9	29.3	26	25.4	29.9	23.6	68	71	59	59	69	77	------
31	58.75	58.66	59.49	57.35	58.21	59.41	22.8	23	29	29.7	26.9	25.4	30	22	81	77	58	60	67	73	10.7
Mean	58.40	58.53	59.55	57.38	58.05	59.19	24.3	23.8	28	28.8	26.7	25.2	29.6	23.2	76.7	77.1	65.4	62.5	69.4	75	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	118.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNE	Calm	NE	ENE	Calm	NE	34.6	72.4	87.7	36.5	231.2	2	Ci.	Cu. ENE	2	Ci.	Cu. ENE
2	NE	Calm	ENE	NE	NE	NNE	30.6	70.3	51.8	33.6	186.3	3	Ci.	S.-Cu. ENE	8	Ci.-S.	Cu.-N. ENE
3	NNE	NNE	NE	ENE	NE	NE	56	79.4	102.4	44.3	282.1	7	------------	S.-Cu. ENE	5	Ci.-S.	Cu.-N. ENE
4	NNE	NE	ENE	E	E	NE	46.1	57.1	89.6	39.7	232.5	5	Ci.-S.	Cu. ENE	6	Ci.	Cu. ENE
5	NE	Calm	E	ENE	NE	ENE	38.8	78.7	119.6	49.6	286.7	3	Ci.	Cu. ENE	2	Ci.	Cu. ENE
6	NE	NE	E	E	NE	Calm	44	93.5	68.1	32.5	238.1	6	------------	Cu.-N. ENE	7	Ci.-S.	Cu. ENE
7	NE	N	E	E	Calm	N	37.6	88.8	109.9	41.2	277.5	3	Ci.	Cu.-N. ENE	6	Ci.	Cu. ENE
8	N	N	NE	E	NE	N	36.8	68.2	89	44.8	238.8	8	------------	S.-Cu. ENE	6	Ci.-S.	Cu. ENE
9	NE	NE	ENE	NE	NE	NE	41.6	88.5	81.8	44.6	256.5	2	Ci.	Cu. ENE	6	Ci.-S.	Cu.-N. E
10	NE	Calm	NE	ENE	NNE	NE	39.4	83.7	105.7	42.3	271.1	3	Ci.	S.-Cu. ENE	3	Ci.	Cu. ENE
11	NE	NE	ENE	ENE	NE	NE	43.8	85.3	111.3	44.8	285.2	7	------------	Cu.-N. ENE	5	Ci.	Cu. ENE
12	NE	Calm	ENE	NE	Calm	NE	37.6	59.7	77.9	34.9	210.1	7	------------	S.-Cu. ENE	8	------------	Cu.-N. ENE
13	NE	Calm	ENE	E	NE	Calm	24.1	82.4	98.2	21.2	225.9	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
14	NE	Calm	E	E	E	Calm	24.1	65.4	68.2	26.6	184.3	3	Ci.	Cu. ENE	4	A.-Cu.	Cu. ENE
15	Calm	N	NE	N	NE	Calm	38.9	57.7	73	36.2	205.8	6	------------	Cu.-N. ENE	6	A.-Cu.	Cu. ENE
16	NE	NE	ENE	E	NE	NE	45.1	81	78.4	31.7	236.2	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
17	NE	NE	NE	NE	NE	NE	62	97.9	99.5	36.8	296.2	7	------------	S.-Cu. ENE	7	Ci.-S.	N.-cf. ENE
18	Calm	Calm	ENE	ENE	N	NE	31.4	83.2	94.3	51.5	260.4	7	------------	S.-Cu.	3	Ci.	Cu. E
19	N	Calm	ENE	E	NE	NE	24.4	56	103.8	37.5	221.7	3	Ci.	Cu. ENE	6	A.-Cu. E	Cu.-N. NE
20	NNE	Calm	ENE	E	NE	Calm	46.2	37.2	77.9	22.7	184	9	------------	N. ENE	6	Ci.	Cu. ENE
21	Calm	NE	NE	NE	NNE	Calm	26.9	51	95	17.1	190	3	Ci.	Cu. ENE	9	------------	N.-cf. NE
22	Calm	Calm	NE	E	N	Calm	21.2	44.1	78.6	30.3	174.2	3	Ci.	Cu. NE	6	Ci.-S.	Cu. NE
23	NE	Calm	NE	E	NE	NE	39.4	72.4	105.6	30	247.4	5	Ci.-S.	Cu. E	3	Ci.	Cu. E
24	Calm	Calm	ENE	E	NE	NE	28.4	59.7	94.4	34.8	217.3	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
25	Calm	Calm	ENE	E	NE	NE	25.9	75.9	104.8	42.6	249.2	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
26	NE	N	NE	E	NNE	NE	45.1	90.1	110.2	38.4	283.8	6	A.-Cu.	Cu. ENE	6	A.-Cu.	Cu. ENE
27	NE	ENE	ENE	NE	NE	NE	37.3	93.9	97.9	33.3	262.4	3	Ci.	Cu. ENE	6	Ci.-S.	Cu. NE
28	ENE	N	NE	NE	NE	NE	54.9	78.6	91.4	46.9	271.8	8	------------	Cu.-N. NE	7	A.-Cu.	Cu. NE
29	NNE	N	N	NE	NE	NE	42.6	76.7	93.8	41.3	254.4	3	Ci.	S.-Cu. NE	6	Ci.-S.	Cu. NE
30	NE	NE	N	NNE	NE	NNE	33.8	56.8	66.6	30.6	187.8	5	Ci.	S.-Cu. ENE	3	Ci.	Cu. ENE
31	NNE	Calm	ENE	ENE	NE	NE	21.1	91.7	113.7	50.9	277.4	2	Ci.	Cu. ENE	6	A.-Cu.	Cu. ENE
Mean	------	------	------	------	------	------	37.4	73.5	91.6	37.1	239.6	4.5	------------	------------	5.2	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	7,426.3	----	------------	------------	----	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.84 mm.]

FEBRUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.82	59.65	60.21	58.59	59.42	60.66	24.3	23.8	27.5	25.2	25	24.7	28.8	23.3	81	83	70	79	73	74	8.3
2	60	60.17	61.06	59.18	60.68	60.93	24.6	23.6	24	23.6	22	23	26	21.8	72	81	90	90	93	83	75.8
3	60.01	60.09	62.05	60.08	60.28	60.63	24.5	23.2	24	23	23.2	23.1	25	22.5	74	85	89	95	91	89	65.6
4	59.56	59.48	60.51	57.96	58.05	59.61	24.2	24	27.1	28.4	27	25.4	28.8	22	78	78	69	64	69	74	------
5	58.56	58.48	59.51	57.13	57.62	58.79	23.5	23.3	28.7	27.8	26.9	25	30	22.9	79	80	66	73	72	80	2.8
6	58.24	58.13	58.98	56.91	57.64	58.54	24.4	24	27.9	29.2	27.6	25	29.5	23.5	80	83	68	60	69	79	------
7	58.08	58.08	59.33	57.06	57.31	58.60	25.5	24	28.1	28.5	27.7	24.9	29.5	23.5	77	71	68	66	66	77	------
8	57.58	57.60	58.53	56.59	56.61	57.80	24.5	25	28.9	29.2	27.5	25.2	29.1	23.5	75	72	65	65	72	78	------
9	57.17	57.18	57.89	56.01	56.49	57.96	24.3	25	28.2	29.9	28.5	25.5	30	23.4	81	76	67	54	64	77	------
10	57.69	57.67	58.32	56.41	57.51	58.67	25	25.2	29	29.2	27.5	24.1	29.6	23.7	76	76	64	66	70	89	10.4
11	58.15	58.19	59.10	56.66	57.21	58.50	24.3	23.9	28.3	29.2	27.6	25.5	29.9	23.5	88	88	68	63	63	72	------
12	57.97	57.99	58.49	56.29	57.30	58.44	23.9	23.6	27.9	29.3	26	25.6	29.5	23.3	78	78	68	61	70	71	------
13	58.13	58.58	59.74	58.06	58.84	59.65	23.8	23.3	28	25.4	25.8	24.4	28.1	22.5	78	72	70	74	72	77	1
14	59.06	59.22	59.36	57.56	58.77	59.84	23.5	23.9	27.9	27.3	25	24	28.5	23.2	84	82	68	71	77	83	1.3
15	58.78	59.52	60.46	58.04	58.64	59.25	24	24	25.5	26	25.6	24.4	27.2	22.6	78	81	80	76	79	80	7.4
16	57.90	58.66	59.71	57.15	57.76	58.67	25	25	27.9	28	27.7	25.5	28.5	24.1	76	77	71	70	68	77	7.4
17	57.93	58.04	58.48	56.04	56.81	58.26	25.2	24.5	29.4	29.5	29.3	25.5	29.7	23.7	78	82	64	68	64	76	------
18	57.69	57.88	58.82	56.68	57.45	58.62	25.2	24.3	28.2	29.8	28.5	26	30	23.9	82	81	70	58	64	76	------
19	58.16	58.47	59.95	58.06	58.64	59.49	25.4	24.1	29	28.1	26.5	25.5	29.5	23.9	80	80	65	70	74	73	6.9
20	58.95	60.12	62	59.83	59.56	60.20	24.4	23.5	25	24.5	24.5	24.5	26.5	23.1	76	87	82	79	77	75	2.1
21	59.85	59.98	60.64	58.40	58.80	60.39	24.4	24	27.5	28.5	27	23.9	29.5	22.6	80	75	67	64	69	84	6.7
22	59.72	59.59	60.68	58.25	58.05	59.63	23.1	21.2	28	28.5	27.2	23.2	28.9	21	86	84	57	60	61	78	------
23	59.26	59.56	60.11	57.55	58.16	59.51	23.1	23.6	28.3	29.5	26.5	26.8	30.2	22.3	79	78	59	53	66	64	------
24	58.71	58.86	60.10	58.23	57.80	59.27	24	23	28.1	30	27.3	25	30.2	22	69	72	56	53	68	75	.3
25	58.55	58.62	59.80	58.04	58.17	59.41	25	23.9	27.4	27.5	25.5	24.6	28	23.3	68	72	67	67	74	74	------
26	58.32	58.41	59.69	58.04	57.98	58.79	24.5	24	27	28.1	27.5	25.2	29	23.5	79	78	73	68	66	73	.3
27	57.90	58.18	59.20	56.80	57.67	58.57	24.1	24	27.5	29	27	25.3	30	23.5	78	79	66	64	70	74	------
28	57.65	57.34	59.14	57.39	57.29	58.41	24	23.1	27.9	28.5	26.6	24	28.9	22.9	81	84	67	62	71	76	------
Mean	58.51	58.70	59.71	57.61	58.09	59.18	24.3	23.9	27.6	27.9	26.6	24.8	28.9	23	78.2	79.1	69	67.6	71.1	77.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	196.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	NE	NE	25.9	61.2	85.3	59	231.4	10	------------	N. ENE	10	------------	N. ENE
2	NNE	NE	Calm	E	NE	NNE	58.9	61.4	81	39.2	240.5	9	Ci.-S.	Cu.-N. NE	10	------------	N. ENE
3	NE	NNE	NE	Calm	NE	NNE	44	42.6	57.1	67.1	210.8	9	------------	Cu.-N. ENE	10	------------	N. ENE
4	NE	NE	ENE	E	NE	NE	48.3	72.7	87.1	45.9	254	6	A.-Cu.	Cu.-N. ENE	4	Ci.	Cu. ENE
5	Calm	Calm	NE	ENE	NE	Calm	22	59.3	81.5	27.9	190.7	3	Ci.	S.-Cu. ENE	7	A.-Cu.	Cu.-N. ENE
6	Calm	NE	ENE	E	E	Calm	36.5	68.6	73	30.1	208.2	8	Ci.-S.	Cu.-N. ENE	6	Ci.-S.	Cu. ENE
7	NE	NE	E	E	E	NE	34.8	55	87.5	34.8	212.1	5	Ci.	S.-Cu. ENE	7	A.-Cu.	Cu. ENE
8	NE	Calm	E	E	ENE	Calm	23.5	40.4	81	28.8	173.7	4	Ci.	S.-Cu. ENE	6	Ci.-S.	Cu. ENE
9	Calm	Calm	E	E	NE	Calm	24.6	47.5	67.3	40.4	179.8	4	Ci.	Cu. ENE	3	Ci.	Cu. ENE
10	NE	NE	NE	ENE	NE	SE	38.3	83.7	98.8	41.3	262.1	3	Ci.	Cu. ENE	7	A.-Cu. E	Cu. ENE
11	N	Calm	E	E	Calm	N	28.4	64.1	103.6	41	237.1	6	A.-Cu.	Cu. ENE	3	Ci.	Cu. ENE
12	N	Calm	N	E	NE	Calm	34.4	48.3	110.2	37.2	230.1	6	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu. ENE
13	ENE	NE	Calm	E	E	Calm	30.6	42.6	72.2	21.4	166.8	7	Ci.-S.	N.-cf. ENE	9	------------	Cu.-N. E
14	Calm	Calm	E	NE	N	NE	12.4	31.6	49.1	41.3	134.4	6	Ci.-S.	N.-cf. ENE	8	Ci.-S.	Cu.-N. ENE
15	Calm	Calm	Calm	E	Calm	NE	29.5	22.5	39.4	30.4	121.8	9	------------	Cu.-N. ENE	9	Ci.-S.	Cu.-N. ENE
16	N	Calm	E	ENE	E	NE	38.9	38.8	50.4	23.8	151.9	8	------------	Cu.-N. ENE	7	Ci.-S.	Cu. E
17	N	Calm	ENE	E	E	NE	30.6	64.6	89	35.9	220.1	6	Ci.	N.-cf. E	3	Ci.	Cu. ENE
18	Calm	NE	E	E	NE	NE	26.9	84.8	97.4	47.8	256.9	3	Ci.	Cu. ENE	5	Ci.	Cu. ENE
19	NE	NE	E	E	NE	NE	31.4	53.1	85	37.2	206.7	4	Ci.	Cu. ENE	8	------------	Cu.-N. ENE
20	NNE	NE	E	NE	NE	N	35.6	77.5	46.7	37.5	197.3	8	------------	N.-cf. ENE	8	------------	N. ENE
21	NE	N	ENE	ENE	NE	NE	31.7	84.2	97.6	28.7	242.2	3	------------	Cu. ENE	4	Ci.	Cu. ENE
22	Calm	Calm	NE	E	NE	Calm	15.6	73.5	116.5	21.2	226.8	2	Ci.	Cu. ENE	2	Ci.	Cu. ENE
23	Calm	Calm	ENE	E	NE	NE	23.5	82.9	124.7	56.1	287.2	5	A.-Cu.	Cu. ENE	4	Ci.	Cu. NE
24	NNE	Calm	ENE	ENE	NE	NE	34.3	61.7	114.1	40.2	250.3	6	Ci.	S.-Cu. ENE	4	Ci.-S.	Cu. ENE
25	NE	NE	NE	E	NNE	Calm	32.7	64.1	70.5	30.6	197.9	8	Ci.-S.	S.-Cu. ENE	9	------------	N.-cf. ENE
26	NNE	N	ENE	E	NE	NE	44.6	64.9	56.1	31.1	196.7	8	------------	N.-cf. ENE	7	Ci.-S.	N.-cf. ENE
27	Calm	Calm	NE	E	NE	Calm	24.4	41.5	115.9	37.8	219.6	9	------------	S. Cu. ENE	9	------------	Cu.-N. ENE
28	Calm	N	E	E	Calm	NE	21.5	41.2	64.1	36.5	163.3	6	Ci.-S.	Cu. ENE	8	Ci.-S.	Cu. ENE
Mean	------	------	------	------	------	------	31.6	58.4	82.2	37.5	209.7	6.1	------------	------------	6.5	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	5,870.4	----	------------	------------	----	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.84 mm.]

MARCH, 1910.

Day.	Atmospheric pressure, 700 mm.—						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.49	58.03	59.11	57.66	57.23	58.49	23.1	23	28.1	28	26.1	24.7	28.6	22.4	77	70	60	63	71	76	2.5
2	57.30	57.13	57.98	56.08	56.67	57.56	24	23.5	28	28.5	27.5	26	29	23.1	83	83	70	66	69	76	1.3
3	56.29	57.27	58.65	56.83	56.84	58.42	25.4	24.6	29	29.1	28.6	25.2	29.2	24	77	82	65	70	66	78	------
4	58.20	58.42	59.86	57.38	57.70	58.92	24.1	24	28	29	28.6	25	29.5	23.1	81	80	70	64	66	73	------
5	58.22	58.68	60.28	58.15	57.85	59.30	24.5	23.1	28.5	29	27	24.5	29.9	22.2	75	79	61	58	67	69	------
6	58.66	59.31	60.46	58	58.13	59.49	23	22.1	28.5	29.1	27.8	25	30.2	21.8	78	78	64	57	62	68	------
7	58.22	58.35	59.56	57.51	57.76	59.36	23.6	23.5	28	28.3	28	25.6	29.5	23	75	84	67	66	66	71	------
8	58.42	58.56	59.69	57.56	58.36	59.89	24.5	25	27.8	29.6	28.1	25.1	29.7	23.5	74	72	67	56	63	75	.3
9	59.16	59.22	60.24	58.45	59.61	60.78	24.1	23.6	28.6	28.5	24.9	25	29.9	23.3	74	75	63	64	76	72	2
10	60.23	60.37	61.66	59.44	60.49	61.71	25	22.4	28.5	30.8	28.2	26	30.8	21.9	76	80	57	54	62	71	1.8
11	61.08	60.51	61.35	59.25	59.99	61.15	24.5	23.9	28.5	29.5	27	25.5	29.5	23.3	75	74	58	57	65	68	2.5
12	60.67	61	61.77	58.95	59.51	60.64	25	23.3	25	28.8	26.5	24.4	29.2	23	76	80	77	59	70	71	3.1
13	59.86	60.03	61.36	59.28	59.81	61.21	24	23.9	26.5	27.7	25.8	24.5	28.2	22.1	73	76	68	62	70	72	3
14	59.87	60.21	61.04	59.36	59.66	60.24	23.5	22.1	28	28.2	26.1	24.2	28.8	21.9	76	73	58	61	65	73	------
15	59.48	59.42	59.91	57.80	58.05	58.84	23.5	24.8	27.7	28.5	27.4	25.5	29	23.2	73	68	56	54	60	68	------
16	57.76	57.14	57.92	56.07	56.50	57.06	25.4	24	27.2	27.4	26.8	25.7	28.5	23.2	68	72	67	60	67	69	------
17	55.75	56.19	56.91	54.88	55.37	57.22	24.5	24.3	28	30	28.1	26.9	30.6	22.5	72	73	66	59	70	67	------
18	57	57.26	58.23	56.06	56.69	58.46	26.7	25.5	28.5	29.5	28.8	25.5	30.5	24.6	67	72	67	59	62	73	------
19	57.57	57.54	58.81	56.40	57.30	59.09	23.5	23.2	27.9	30.6	28.7	26	31	22.9	78	82	68	55	66	76	41.7
20	58.40	59.31	60.25	57.50	58.75	59.96	25	22.5	27.2	29	27	23	29.5	22.1	80	86	75	65	73	83	38.7
21	59.65	59.18	59.99	58.16	58.48	59.57	23	23	28	29	27.5	25.9	29.5	21.9	83	83	70	62	69	73	.5
22	59.16	59.36	60.15	57.89	58.54	59.45	25	24.7	28	29	26.8	25	29.6	23.9	75	78	70	64	74	80	.3
23	58.13	58.85	60.41	57.92	57.86	59.29	23.8	25.5	28.1	30	28.9	25.6	30.5	23.5	81	80	70	59	66	72	------
24	59	59.85	60.89	58.48	58.66	60.74	25.3	24.8	29	30.4	29	26.6	30.5	24.5	81	81	65	62	65	75	------
25	60.38	60.51	61.43	59.46	59.84	61.44	25.4	24.1	28.9	27.4	27.8	27.6	30	23.9	79	82	65	73	71	72	.3
26	60.98	60.92	62.45	60.50	59.85	60.65	24.8	24.4	28.6	28	25.4	24.6	29.9	23.5	73	74	63	66	73	71	------
27	59.65	59.22	60.48	58.19	57.81	59.46	24.9	24.8	28	29.5	28	26.1	30	24.2	75	74	68	56	60	72	------
28	57.99	58.56	59.85	57.51	57.89	59.21	25	24	28.5	29.5	28.4	26.1	29.5	23.6	70	83	67	64	65	76	.5
29	58.12	58.35	59.20	57.48	57.86	58.77	25	24.9	28.9	28.8	28.1	27	29.9	24.5	79	76	64	67	66	74	------
30	57.71	57.30	58.37	57.14	57.61	58.36	25	25	29.1	28	26.5	25.9	30.6	24.1	76	76	64	67	77	74	------
31	57.07	57.52	58.64	56.76	57.31	58.11	25	25	27	29	27.8	26	29.2	24.5	76	76	70	64	67	74	------
Mean	58.63	58.82	59.90	57.81	58.19	59.45	24.5	24	28.1	29	27.5	25.5	29.7	23.2	76	77.5	65.8	61.7	67.4	73	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	98.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	ENE	Calm	Calm	42.4	65.7	67.8	22.3?	198.2?	4	Ci.-S.	Cu. ENE	8	Ci.-S.	S.-Cu. ENE
2	Calm	NE	ENE	ENE	NE	NE	26.4	65.4	91.1	33.2	216.1	7	------	N.-cf. ENE	6	Ci.-S.	Cu. ENE
3	N	N	ENE	E	NE	Calm	29.8	59.2	93.3	22.2	204.5	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
4	Calm	Calm	E	E	E	N	24.1	51.3	107.6	39.9	222.9	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
5	N	N	Calm	E	Calm	N	33.2	33.6	90.4	32.2	189.4	4	Ci.	Cu. ENE	3	Ci.	Cu. ENE
6	Calm	NW	E	E	NE	NE	30	31.2	97.4	34	192.6	5	Ci.-S.	Cu. ENE	4	Ci.-S.	Cu. ENE
7	NE	Calm	E	E	NE	NE	29.3	57.1	127.6	49.6	263.6	7	Ci.-S.	Cu.-N. NE	6	A.-Cu.	Cu. NE
8	NE	NE	ENE	ENE	ENE	NNE	33.8	89.3	89.6	40.4	253.1	6	Ci.-S.	S.-Cu. ENE	5	Ci.	Cu. ENE
9	Calm	NNE	ENE	E	N	NNE	29.5	90.3	112.7	47.3	279.8	4	Ci.	S.-Cu. ENE	8	------	Cu.-N. ENE
10	NE	Calm	ENE	E	NE	N	30.9	51.3	103.2	38.6	224	4	Ci.	S.-Cu. ENE	5	Ci.	Cu. E
11	NE	N	E	E	ENE	N	37.8	72.2	106.2	48.8	265	4	Ci.-S.	Cu. ENE	6	Ci.	Cu. NE
12	Calm	N	NE	E	E	N	26.2	69.4	105.9	53.6	255.1	4	Ci.	S.-Cu. ENE	6	Ci.	Cu. ENE
13	N	NE	NE	E	Calm	NE	42.4	88.7	78.7	32.4	242.2	9	------	Cu.-N. ENE	8	Ci.-S.	Cu.-N. ENE
14	Calm	Calm	NE	E	NNE	NE	25.1	80	113.3	34.8	253.2	5	Ci.-S.	Cu. ENE	7	Ci.-S.	S.-Cu. ENE
15	NNE	NE	NE	NNE	Calm	Calm	33.2	68.7	84.7	25.4	212	9	------	S.-Cu. E	9	Ci.-S.	Cu. ENE
16	NE	Calm	S	NW	Calm	W	27.6	31.4	46.7	24.4	130.1	9	Ci.-S.	Cu. NE	9	------	Cu.-N. NNW
17	Calm	WSW	SSW	SW	SW	W	22.5	84.8	86.1	33.8	227.2	6	Ci.-S.	Cu. WSW	6	Ci.	Cu. SW
18	SW	Calm	S	S	SW	Calm	30.6	62.5?	77.2	24.9	195.2	7	A.-Cu. ESE	Cu. SW	3	Ci.	Cu. SW
19	Calm	Calm	E	S	Calm	Calm	28.2	49.9	46.9	17.1	142.1	2	Ci.	Cu.	4	Ci.-S.	Cu. S
20	S	N	NE	E	SE	Calm	36.4	42	42.4	34.9	155.7	8	Ci.-S.	Cu.-N. ESE	6	Ci.-S.	Cu.-N. E
21	Calm	N	E	E	Calm	NE	31.7	55.2	86.3	36	209.2	8	Ci.-S.	N.-cf. ENE	4	Ci.	Cu. ENE
22	N	Calm	ENE	NE	NE	Calm	32.8	44.5	81.9	27.7?	186.9	7	A.-Cu.	Cu.-N. ESE	7	Ci.-S.	Cu.-N. E
23	NE	Calm	E	E	Calm	Calm	29	42.4	69.4	29.6	170.4	5	Ci.	Cu.-N. ENE	2	Ci.	Cu. E
24	NE	NE	E	E	E	Calm	34.8	52.1	94.1	41.2	222.2	3	Ci.	Cu. E	3	Ci.	Cu. E
25	NE	Calm	E	E	NE	E	41.3	96.1	95.5	105.1	338	2	Ci.	Cu. E	8	Ci.-S.	Cu.-N. ENE
26	Calm	N	E	ENE	NE	N	39.2	71.1	101.7	47	259	6	Ci.	Cu.-N. ENE	8	------	Cu.-N. E
27	Calm	NNE	E	E	ENE	NNE	31.7	82.4	144.8	77.4	336.3	6	A.-Cu.	N.-cf. ENE	5	Ci. E	Cu. ENE
28	N	N	ENE	E	NE	E	45.4	65.8	118.3	71.1	300.6	8	------	N. ENE	3	------	Cu. ENE
29	E	N	ENE	E	NE	NE	37.8	91.5	139.8	57.6	326.7	2	------	Cu. ENE	3	A.-Cu.	Cu. ENE
30	NE	N	ENE	NE	NE	NNE	38.3	92.2	99.6	45.1	275.2	4	------	S.-Cu. E	7	------	Cu.-N. ENE
31	N	N	ENE	E	NE	ENE	38.1	79.4	84.2	36.2	237.9	6	Ci.	Cu.-N. ENE	7	------	S.-Cu. ENE
Mean	------	------	------	------	------	------	32.9	65.1	93	40.8	231.8	5.4	------	------	5.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,184.4	------	------	------	------	------	------

CEBU.

[ϕ=10° 18′ N ; λ=123° 54′ E ; barometer above sea, 4.5 meters ; gravity correction not applied, —1.84 mm.]

APRIL, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.53	58.14	59.03	57.30	57.86	59.09	25.9	25.5	29	30	29.6	26.5	30.4	25	77	78	64	60	59	76	------
2	58.38	58.78	59.53	57.19	57.54	58.99	24.6	24.5	29	30.5	28.9	25.5	30.5	23.8	82	79	64	58	64	76	------
3	57.90	58.02	59.15	57.20	57.53	58.75	24.8	25	27	27.9	26.7	25.2	28.4	24	79	76	73	69	75	80	------
4	57.21	57.34	58.19	56.28	56.66	58.09	24.5	24.7	28.9	29.1	27.5	25.2	29.8	24.3	82	79	67	64	73	86	6.4
5	57.26	57.83	59.24	56.65	57.54	59.17	24.9	25	28	30	28.2	25.8	30.4	24.1	76	80	70	61	69	76	.5
6	58.15	58.17	59.50	57.10	57.66	58.89	25.1	24.6	29.3	30	28	25.8	30.8	24.1	80	79	66	62	71	78	.8
7	58.10	58.42	59.38	57.25	57.48	59.01	25.1	24.4	28.6	30	28.9	26.5	30.5	24	79	80	65	62	63	72	------
8	58.17	58.29	59.30	57.24	57.43	58.97	25	23.4	29	29.8	25	24.4	30.6	22.7	82	81	61	60	83	78	11.2
9	58.15	58.09	59.46	57.05	57.29	58.75	23.6	23	28.9	30	28.5	25.9	30.5	22.3	82	84	65	59	66	77	5.6
10	57.71	58.12	59.25	56.82	57.19	58.86	25.5	24	29	30	28	25.8	30.2	23.6	81	83	68	60	68	75	------
11	57.77	58.31	59.07	57.16	57.69	58.91	25	24	28.8	30	28.5	25.8	30.5	23.5	79	79	65	59	61	70	------
12	58.05	57.74	58.93	57.05	57.29	58.75	24	23.8	29	29.5	28.4	26.5	30.5	23.3	79	77	61	63	64	66	------
13	58.16	58.17	59.45	57.67	58.41	59.59	25.4	24.5	29	30	29.5	26.8	30.5	24	74	78	64	62	64	75	------
14	58.45	58.72	59.84	58.14	58.99	60.59	25.6	25.5	29	29.2	28.9	25.5	30	24.9	78	77	66	68	63	75	.3
15	59.99	59.94	60.70	58.75	59.56	60.04	25.9	25.1	29.4	29.6	28.5	26.6	29.9	25	74	83	63	61	70	74	------
16	59.11	59.26	59.79	58.18	58.05	59.21	25.3	25.5	28.6	30	29.5	26	30.5	25	80	80	66	62	61	72	------
17	58.47	58.62	58.99	56.61	57.04	58.82	24.5	23.5	29.9	30.9	29.5	25.2	31.4	23.2	79	80	62	48	59	74	------
18	56.95	57.24	57.28	55.24	56.38	57.89	24	23.5	30.6	30.5	29	28	31	22.9	78	79	65	63	68	69	------
19	56.04	56.69	57.39	55.86	56.09	57.79	24.8	24.5	30	29.4	28.5	25.3	31.5	22.9	81	78	65	71	59	68	.3
20	56.38	57.34	57.77	55.32	56.38	57.60	24.3	24.8	29.9	31	29.2	26	31.5	23.5	75	75	64	59	63	76	------
21	56.58	56.85	57.63	54.95	55.26	56.70	25.4	24.6	29.6	30.2	30	27.5	32.1	24.3	75	79	66	52	50	62	33.5
22	55.65	56.89	57.04	54.73	55.16	56.32	24.5	22.4	25	25.5	24.8	24.5	27.1	21.6	86	92	78	80	85	87	20.1
23	54.90	55.94	57.24	55.24	55.72	57.88	24.3	23.8	26	28.5	27	25.5	29	23.6	84	85	80	68	77	84	36.6
24	57.03	57.67	59.01	57.16	57.64	59.45	24.2	24.2	28.3	29.6	28.3	26.1	30.6	23.8	86	83	72	66	71	83	------
25	58.57	58.92	59.64	57.78	58.28	59.71	25	25.9	29.5	30	29	25.4	30.5	24.9	83	77	69	62	71	78	------
26	59.13	59.25	59.87	58.12	58.25	59.72	24.5	25	29.7	30.3	29	26.5	30.5	24	80	80	63	63	70	76	------
27	58.92	58.87	59.72	57.77	57.64	59.55	26.4	25.5	30	30.5	29.5	27	30.6	25.1	77	77	65	62	62	72	------
28	58.90	58.99	60.24	57.80	58.05	59.55	26	25	29.2	30.1	29.3	27	30.4	24.5	78	80	66	61	65	74	------
29	59.02	58.87	59.83	58.02	58.40	60.17	25.9	25.5	29	30	29.5	26.8	31	25.4	77	80	64	62	64	72	------
30	59.67	59.14	60.07	58.24	57.95	59.57	26	25	29.4	30	28.8	26.4	30.4	24.5	77	78	62	62	66	76	------
Mean	57.88	58.15	59.05	57	57.41	58.88	25	24.5	28.9	29.7	28.5	26	30.4	23.9	79.3	79.9	66.3	62.3	66.8	75.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	115.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	NNE	E	E	NE	E	29.8	84	119.7	46.2	279.7	6	A.-Cu. ESE	Cu. ENE	3	Ci.	Cu. ENE
2	NE	NE	ENE	E	ENE	Calm	28.8	80	97.1	23.6	229.5	3	Ci.	Cu. ENE	7	Ci.-S.	Cu. ENE
3	NE	Calm	Calm	ENE	NE	Calm	27.2	49.6	67.3	27.1	171.2	7	Ci.-S.	N.-cf. ENE	9	------	Cu.-N. NE
4	Calm	NE	ENE	ENE	NNE	E	22.7	79.7	117.8	35.9	256.1	6	Ci.	Cu. ENE	6	A.-Cu.	Cu. ENE
5	N	N	ENE	E	NE	ENE	44.3	72.7	106.5	38.4	261.9	8	Ci.-S.	Cu.-N. E	3	Ci.	Cu. ENE
6	NE	N	E	E	NE	N	35.6	86.9	122.3	39.6	284.4	3	Ci.	Cu. ENE	8	------	S.-Cu. ENE
7	N	N	E	E	NE	E	35.2	80	104.9	41.5	261.6	5	Ci.	Cu. ENE	3	Ci.	Cu. ENE
8	Calm	Calm	ENE	E	NE	N	27.4	73.7	101.1	31.4	233.6	3	Ci.	Cu. ENE	6	Ci.-S.	Cu. ENE
9	Calm	Calm	E	E	NE	Calm	27.6	49.4	96.1	29.8	202.9	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
10	Calm	Calm	E	E	NE	NE	32.5?	79.7	96.3	37.3	245.8?	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
11	N	N	E	E	Calm	NE	36.7	72.4	110.4	41.5	261	2	Ci.	Cu. ENE	2	Ci.	Cu. ENE
12	NE	NNE	E	E	E	Calm	34.9	90.1	97.1	32.7	254.8	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
13	NE	Calm	E	E	NE	NE	32.5	70	109.1	55	266.6	6	Ci.-S.	S.-Cu. ENE	6	Ci.-S.	Cu. ENE
14	Calm	NNE	E	E	E	Calm	26.4	93.6	102.2	65.7	287.9	6	A.-Cu. ESE	Cu. ENE	5	Ci.-S.	Cu. ENE
15	NE	Calm	E	ENE	Calm	NE	23.5	54.9	54.9	39.6	172.9	7	A.-Cu.	S.-Cu. ENE	7	A.-Cu.	Cu. ENE
16	E	Calm	E	E	E	N	27.7	87.1	93.1	38.6	246.5	5	Ci.	Cu. ENE	4	Ci.	Cu. ENE
17	N	Calm	SSE	E	Calm	Calm	30.9	41.3	87.7	23.8	183.7	2	Ci.	Cu. ENE	2	Ci.	Cu. ENE
18	Calm	Calm	E	ENE	NE	Calm	23.9	59.8	83.7	25.7	193.1	2	Ci.	Cu.	6	Ci.-S.	Cu. N
19	Calm	Calm	S	E	N	Calm	18.5	41.8	63.9	27.9	152.1	3	Ci.	Cu.	6	Ci.	Cu.-N. NNW
20	Calm	Calm	E	E	NE	Calm	19.5	91.9	156.6	21.7	289.7	6	Ci.-S.	Cu. NNE	4	Ci.	Cu. NNE
21	Calm	Calm	E	ENE	N	N	25.2	78.4	115.4	34.6	253.6	3	Ci. SE	Cu. NNE	8	A.-Cu.	Cu. NNE
22	W	Calm	Calm	Calm	Calm	Calm	23.6	30	27.6	15.1	96.3	10	------	N. N	10	------	N. NNE
23	SW	W	SW	SW	Calm	SE	42.3	60.9	58.4	19.9	181.5	9	------	Cu.-N. W	6	Ci.-S.	Cu.-N. SW
24	Calm	Calm	SW	SW	SSW	Calm	19.6	51.3	68.1	25.7	164.7	8	Ci.-S.	Cu.-N. SW	7	Ci.-S.	Cu. SSW
25	Calm	Calm	E	E	Calm	Calm	23.3	48	85.5	29.2	186	5	Ci.-S.	Cu. ESE	3	Ci.	Cu. ESE
26	Calm	Calm	E	E	Calm	NE	27.6	65.5	90.1	32.8	216	2	Ci.	Cu. E	3	Ci.	Cu. E
27	N	N	E	E	ENE	N	46.2	59.2	106.8	44.6	256.8	2	Ci.	Cu. E	2	Ci.	Cu. E
28	NE	N	E	E	NE	NE	37	69.2	97.1	42.4	245.7	3	Ci.	Cu. E	3	Ci.	Cu. E
29	NE	N	E	E	E	NE	41.2	67.6	95.5	43.5	247.8	3	Ci.	Cu. E	3	Ci.	Cu. E
30	NE	NE	E	E	NE	NE	33	71.1	88	35.9	228	3	Ci.	Cu. E	4	Ci.	Cu. E
Mean	------	------	------	------	------	------	30.2	68	94	34.9	227	4.5	------	------	4.8	------	------
Total	------	------	------	------	------	------	------	------	------	------	6,811.4	------	------	------		------	------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.84 mm.]

MAY, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.61	58.72	59.65	57.30	57.54	58.62	25.5	25.2	29.5	30.2	28.5	26.8	30.5	24.9	80	79	64	61	68	72	------
2	57.72	57.87	58.61	56.33	56.90	58.10	25	24.7	28.9	30.7	28.9	26	30.8	24.6	83	79	68	59	68	77	0.5
3	57.31	57.72	58.45	56.05	56.92	58.51	25.6	24.2	30	29	28	26	30.6	23.9	79	82	68	68	72	76	------
4	57.73	57.59	58.15	55.67	56.68	58.54	24	24.1	30.5	30	27.1	25.8	30.7	23.6	79	81	62	68	79	83	2.6
5	57.67	56.99	57.35	55.50	55.54	57.44	25.4	24	30	30.2	29.5	25	31.3	23.5	83	84	59	64	62	76	------
6	56.37	56.75	57.25	55.45	55.83	57.15	24.4	24.8	29.8	31	29.4	27.4	31.5	24	77	77	60	60	72	71	------
7	56.98	56.21	57.58	55.63	55.88	57.64	26.5	25.5	29.5	30.6	29.6	27.5	31.5	25	74	72	68	65	70	73	------
8	56.48	56.78	57.35	55.19	55.59	57.05	26.2	24.1	29.5	30.5	29.4	27.4	31.5	23.9	75	78	68	66	70	72	------
9	56.43	56.82	57.05	55.18	55.51	57.67	26.5	24.9	30.6	28	28.9	26.1	31.5	24.5	76	79	64	70	73	80	.8
10	56.62	57.21	57.41	55.23	55.83	57.71	25.1	24.5	30.1	31	29	26.5	31	24	83	81	68	59	71	80	------
11	57.13	57.87	58.56	55.79	56.24	57.82	25.7	25	29.9	31.1	29.3	26.6	31.7	24.6	81	83	67	65	69	77	3.8
12	57.32	57.75	58.50	56.49	56.58	58.20	26.4	25.3	30	30.8	29.5	26	32	24.9	81	85	65	62	65	76	------
13	57.49	57.51	57.75	55.68	56.04	57.62	25.1	24.5	30	31.1	30	26	31.5	24	79	79	68	63	68	81	------
14	57.04	57.20	57.73	55.90	56	57.72	24.3	23.3	30.6	30.2	30.1	26	31.5	22.9	76	78	62	65	64	76	------
15	56.84	57.57	58.50	56.54	56.86	58.40	24.5	24.3	30.1	30.5	29.6	25.9	30.9	23.9	75	80	67	62	64	77	1
16	57.56	58.36	59.43	56.83	57.98	58.86	24.9	24.1	30	31.8	29.9	26.8	32.1	23.8	78	82	65	59	65	74	------
17	58.13	59.02	59.13	57.03	57.30	58.98	25.5	24.4	30	31	30.3	27	32.5	23.9	80	82	65	60	64	75	------
18	58.01	58.47	58.98	57.53	58.40	59.67	25.6	25	31.4	32.8	29	26.2	33	24.5	78	81	62	54	62	76	------
19	58.46	58.92	59.79	57.49	58.36	60.19	25.6	25	30.2	31.5	27.5	26.5	32.4	24.6	81	80	64	60	76	80	------
20	59.65	59.86	60.98	58.53	59.37	61.12	25.1	25	28	29.5	24.9	25.4	31	24	83	83	70	68	72	80	5.3
21	59.98	59.76	60.36	58.08	58.40	59.99	24.1	24.3	29.9	31.1	29	26	31.5	23.4	82	80	65	59	70	78	7.1
22	59.23	59.31	59.63	57.18	57.84	58.86	24.9	25.5	30.4	31	29.3	26.3	31.5	24.5	84	80	61	58	62	73	18.3
23	58.15	57.94	58.91	57.16	57.41	58.51	24.5	24.5	29.5	28.5	28.3	26	31.4	23.5	78	79	65	70	70	78	38.4
24	57.41	57.72	58.21	55.93	57.09	58.99	25.5	24.5	28.8	30.2	28.8	25.8	30.9	24.1	77	79	70	60	65	72	------
25	57.93	58.17	58.79	57.22	58.11	59.11	24.9	24.8	29.8	30.5	29	26.9	31.1	24.5	73	76	63	59	63	72	------
26	58.86	58.77	58.99	57.04	57.19	58.56	26.6	25.4	30	30.3	28.5	26.7	31	25	71	74	59	59	67	71	------
27	57.61	57.13	57.95	56.14	56.73	58.19	25.1	24.3	29.5	31.7	30	27	32.7	23.9	73	74	64	49	62	70	------
28	57.68	57.90	57.65	55.92	56.74	58.66	25.7	26	30	32	30	27.9	32.3	25	67	72	64	54	65	71	43.2
29	58.36	59.63	59.45	57.90	58.26	59.35	26.8	23	26.5	30	28.4	25.9	31	21.4	74	80	74	59	72	73	17.3
30	58.72	59	59.60	57.35	58.50	59.35	25	24.3	30	29.9	28	26	31	23.7	73	81	65	64	70	76	------
31	58.20	58.55	58.63	56.97	57.17	59	25.5	25	29.5	28	28.8	26.4	29.6	24.6	72	76	64	71	69	76	.8
Mean	57.80	58.03	58.59	56.52	57.06	58.57	25.3	24.6	29.8	30.5	28.9	26.4	31.4	24.1	77.6	79.2	65.1	61.9	68	75.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	139.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	E	E	NE	Calm	35.7	67.6	111.3	35.4	250	3	Ci.	Cu. E	3	Ci.	Cu. ENE
2	NE	Calm	SE	E	ENE	Calm	31.4	50.4	73.5	27.2	182.5	4	Ci.	Cu. ENE	6	Ci.	Cu.-N. ENE
3	Calm	Calm	S	SW	ENE	Calm	27.7	42.4	56.6	18.5	145.2	5	Ci.	Cu. ENE	6	Ci.-S.	Cu.-N. NE
4	Calm	Calm	E	E	W	NE	22.5	74.5	116.4	27.2	240.6	7	Ci.-S.	Cu. NE	5	Ci.	Cu. NE
5	Calm	Calm	ENE	SSW	Calm	Calm	18	53.7	58.4	21.1	151.2	8	Ci.-S.	Cu. NNE	7	Ci.-S.	Cu. N
6	Calm	Calm	S	SW	SW	Calm	25.2	66.6	90.4	28.4	210.6	8	Ci.-S. E	Cu.	6	Ci.-S.	Cu. WNW
7	Calm	Calm	SSW	SW	SW	Calm	33.6	80.3	92.3	29.3	235.5	4	Ci.	Cu. SW	4	Ci.	Cu. SW
8	W	Calm	SSW	SSW	SW	Calm	28.8	68.6	92.7	19.1	209.2	3	Ci.	Cu. WSW	4	Ci.	Cu. WSW
9	W	Calm	S	NW	Calm	Calm	24.6	54.7	43.1	23.6	146	6	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N. NW
10	Calm	Calm	SE	NNW	SE	Calm	22.7	39.1	67	26.9	155.7	4	Ci.	Cu.	6	Ci.-S.	Cu. NE
11	Calm	Calm	SSE	E	Calm	Calm	21.9	36.7	45.4	23.5	127.5	5	Ci.	S.-Cu. NE	4	Ci.	Cu. ENE
12	Calm	Calm	S	E	E	Calm	24.3	42.6	80.3	25.7	172.9	6	Ci.	Cu.-N. ENE	4	Ci.	Cu. NE
13	NE	Calm	SE	E	Calm	Calm	30.4	45.7	66.5	24.6	167.2	2	Ci.	Cu. ENE	4	Ci.	Cu. NE
14	N	Calm	E	E	E	Calm	27.9	43	78.4	24.7	174	3	Ci.	Cu.-N. ENE	4	Ci.	Cu. NE
15	Calm	Calm	E	E	E	Calm	23.6	67.8	83.9	31.7	207	3	Ci.	Cu. NE	3	Ci.	Cu. N
16	NE	Calm	SSW	S	WSW	Calm	24.4	54.9	88.8	27.4	195.5	5	Ci.-S.	Cu. NE	4	Ci.	Cu. NE
17	Calm	Calm	SW	SW	WSW	Calm	18.7	61.8	82.4	------	------	4	Ci.-S.	Cu. WSW	3	Ci.	Cu. SW
18	Calm	Calm	S	SSW	W	Calm	18.7	41	55.5	22.5	137.7	4	Ci.	Cu. SW	7	Ci.-S.	Cu. WSW
19	Calm	Calm	S	S	Calm	Calm	16.7	37.2	60.9	17.1	131.9	6	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N. ENE
20	Calm	Calm	E	SE	Calm	Calm	15	36.7	59.2	28.8	139.7	4	Ci.	Cu. ENE	7	Ci.-S.	Cu. ENE
21	Calm	Calm	Calm	E	Calm	Calm	17.7	33	78.1	31.1	159.9	6	Ci.-S.	Cu.	4	Ci.	Cu. ENE
22	Calm	Calm	E	E	S	E	29.5	50.2	78.7	30.6	189	4	A.-Cu. E	Cu.	4	Ci.	Cu. ENE
23	E	N	E	NE	Calm	SW	40	24.1	44.6	28.2	136.9	3	Ci.	Cu. ENE	7	------	Cu.-N. E
24	Calm	Calm	S	SW	W	Calm	26.6	43.5	58.4	19.3	147.8	8	Ci.-S.	Cu. SSW	7	Ci.-S.	Cu. SSW
25	Calm	Calm	SSW	SW	Calm	Calm	26.9	49.6	62.8	12.7	152	6	Ci.-S. ENE	Cu. SSW	7	Ci.-S.	Cu. SSW
26	Calm	Calm	SSW	SW	Calm	Calm	26.2	80.2	60.2	21.2	187.8	7	Ci.-S.	Cu. SW	6	Ci.-S.	Cu. SW
27	Calm	Calm	SSW	SSW	WSW	Calm	------	56.3	82.6	19.5	------	3	Ci.	Cu. SW	3	Ci.	Cu. SW
28	Calm	Calm	S	S	Calm	Calm	22.5	59.7	62	16.9	161.1	3	Ci.	Cu.	4	Ci.	Cu. SSW
29	Calm	Calm	Calm	Calm	Calm	Calm	49.3	25.7	24.3	21.1	120.4	9	------	N.	7	Ci.-S.	Cu.
30	SE	NW	Calm	E	Calm	Calm	34.9	53.9	66.3	23.6	178.7	7	Ci.-S.	Cu.-N. NE	8	Ci.-S.	Cu.-N. NE
31	Calm	Calm	Calm	E	Calm	Calm	24.3	42.4	50.7	19.1	136.5	4	Ci.-S.	Cu. ENE	7	------	Cu.-N. ENE
Mean	------	------	------	------	------	------	26.3	51.1	70.1	24.2	170.7	5	------	------	5.3	------	------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.84 mm.]

JUNE, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.24	58.11	58.78	57	57.08	58.76	25.3	25.5	29.2	30.3	30	26.6	31.2	24.9	77	79	66	63	61	72	0.3
2	57.97	58.19	58.69	56.54	56.58	58.33	25.6	25	29.9	31	29.8	27.2	31.5	24.5	75	78	60	50	60	72	------
3	57.38	57.52	57.92	55.77	56.18	57.80	25.4	24.5	30	31	29.6	26.5	31.4	24	74	73	64	59	64	73	------
4	56.83	56.81	57.39	55.65	55.59	57.53	26	25.4	29	30	28.6	25.6	30.5	25.1	77	77	65	62	69	75	8.4
5	56.88	57.24	58.49	57.13	57.23	58.53	26	25.5	29	30.4	30.2	27	31	24.6	76	76	64	62	60	70	------
6	58.16	58.84	59.38	57.78	58.36	59.45	26	25.6	29.8	30	28.4	26.6	30.8	24.9	69	71	61	56	64	72	------
7	58.44	58.74	59.40	57.43	57.63	59.46	25.5	24.7	29	30.3	29.8	26.5	31	24.5	77	77	66	60	58	69	7.9
8	59.06	58.22	59.50	57.75	57.75	58.89	25.4	24.9	29.2	29.2	28.5	26.6	30.6	24.5	77	76	69	67	67	74	------
9	58.32	58.41	59.22	57.33	57.33	58.80	26.3	26	29	30	30.2	26	30.6	25.5	73	72	64	62	59	69	------
10	58.39	58.74	60.08	58.20	57.96	59.51	27.2	25.2	29	30	29.3	26	30.5	24.9	68	74	64	59	60	69	------
11	59.45	59.54	59.97	58.68	59.25	60.49	25.7	24.7	28.8	29.6	29	27.2	30.9	24.3	75	73	64	62	63	73	------
12	59.67	59.94	60.30	58.32	58.89	60.19	26	25	29	30.2	30	27.1	30.5	24.7	76	76	64	60	59	68	------
13	59.04	58.41	58.68	57.13	57.18	58.83	26.5	26.1	29.6	30.7	29	27.2	31	25.9	73	74	64	59	64	72	------
14	57.97	58.71	59.62	57.62	56.86	59.17	26.5	26.5	29.6	30	29	27.3	30.7	25.5	72	73	63	60	65	69	4.6
15	58.41	58.44	59.12	57.24	57.80	59	26.5	26.5	29.9	30	29	26.8	30.7	24.6	69	71	61	60	65	72	.8
16	57.92	57.89	58.45	56.98	57.76	58.69	25.5	25	29.9	30.8	28.7	26.6	31	24.4	75	77	59	57	66	74	------
17	57.69	58.08	58.69	56.83	57.05	58.25	25.4	24.5	29.5	28.8	28.2	26.5	30	24.4	73	76	61	62	63	73	------
18	57.57	57.51	58.41	56.41	56.73	58.54	25.9	25	29	30.5	29.7	26.8	31	24.4	69	70	64	59	62	69	23.1
19	57.88	58.24	59.05	57.14	57.55	58.72	24	25	27.6	28.9	28.4	25.7	30	23.3	79	80	68	63	68	75	2.5
20	58.08	58.13	58.29	56.49	57.21	59.04	24.5	24	27.9	27.8	25.6	24.5	30.5	23.9	77	79	68	71	85	87	10.4
21	57.67	58.35	58.06	56.30	57.06	58.66	24.2	24	28.5	30.1	28.5	25	30.4	23.8	87	89	67	59	66	82	14.7
22	57.98	58.02	58.24	56.33	56.79	57.96	24.8	25.3	29	30	28.7	26.5	30.5	23.6	77	74	66	62	66	73	.8
23	56.91	56.81	57.52	55.56	56.01	57.73	25.5	25	28	29.7	26.6	25.8	30	24.8	74	80	71	64	80	75	2.1
24	56.69	56.66	57	55.33	56.17	57.77	24.5	24.6	29	30	27.9	26	30.5	24	78	80	64	62	71	76	------
25	56.24	56.86	57.28	56.05	56.86	58.67	25.1	25	29	29.1	24.5	24.1	29.9	23.9	79	77	64	64	85	84	8.6
26	56.95	57.54	57.69	56.46	56.96	58.42	24.1	24.2	28.9	29.7	27.4	25	30.2	23.4	78	75	64	61	70	76	------
27	57.82	57.37	58.28	56.68	57.26	58.84	24.9	24.6	29.8	29.8	27.3	25.6	30.5	23.9	76	76	64	61	74	73	------
28	58.27	58.30	58.36	56.59	57.57	58.90	24.5	25	27.9	29.4	24	24	29.9	23.2	75	76	68	62	87	84	17.5
29	58.08	58.10	58.84	57.41	57.59	58.39	23.7	23.8	27.5	28	25.8	24.7	28.8	23	82	81	69	70	72	77	------
30	57.74	58.30	58.39	56.65	57.22	58.96	23.7	23.6	28.5	25.6	27.8	23.9	29.1	22.9	77	78	64	76	67	87	39.6
Mean	57.92	58.07	58.64	56.89	57.25	58.74	25.3	25	29	29.7	28.3	26	30.5	24.3	75.5	76.2	64.7	61.8	67.3	74.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	141.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SE	S	NE	Calm	25.9	36.2	62.7	29.1	153.9	4	Ci.	Cu.-N. SE	4	Ci.	Cu. E
2	Calm	Calm	E	E	ENE	NE	23.3	53.3	72	34.1	182.7	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
3	Calm	Calm	E	E	NE	NE	28.4	53.5	92.2	46.4	220.5	4	Ci.	Cu. ENE	5	Ci.	Cu. ENE
4	Calm	Calm	E	E	E	Calm	24.4	84.1	89.3	47	244.8	7	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu. ENE
5	NNE	NNE	E	E	N	N	29.5	90.4	87.3	37.5	244.7	3	Ci.	Cu. E	4	Ci.	Cu. E
6	E	N	E	E	Calm	Calm	39	66.1	79.1	20.7	204.9	7	------------	S.-Cu. E	7	Ci.-S.	Cu. E
7	Calm	Calm	E	E	E	Calm	26.2	73	107	32.9	239.1	4	Ci.	Cu. ENE	4	Ci.	Cu. ENE
8	Calm	Calm	ENE	E	ENE	NE	24.3	40.1	84.7	32.2	181.3	7	Ci.-S.	Cu. ENE	9	Ci.-S.	Cu. ENE
9	NE	N	ENE	E	ENE	Calm	30.5	84	84	43.7	242.2	3	A.-Cu.	Cu.	3	Ci.	Cu. ENE
10	E	N	E	ENE	Calm	Calm	52.8	83.9	95.2	22.6	254.5	3	Ci.	Cu. E	6	Ci.-S.	Cu. ENE
11	SE	Calm	E	E	ENE	E	32.4	71.9	106.1	37.8	248.2	7	Ci.	S.-Cu. ENE	5	Ci.	Cu.-N. E
12	Calm	Calm	E	E	Calm	N	23.3	66.5	99.5	37.5	226.8	5	Ci.	Cu. E	5	Ci.	Cu. E
13	N	N	E	ENE	E	NE	36.9	93.3	87.7	35.1	253	3	Ci.	Cu. E	3	Ci.	Cu. E
14	NE	Calm	E	E	Calm	E	31.4	75.2	105.9	65.6	278.1	3	Ci.	Cu. E	5	Ci.	Cu. E
15	NE	N	ENE	E	ENE	Calm	54.6	82	107.5	36.4	280.5	3	Ci.	Cu. E	5	Ci.	Cu. E
16	NE	NNE	ENE	ENE	ESE	Calm	30.3	76.9	105.6	26.2	239	7	Ci.-S.	Cu.-N. E	3	Ci.-S.	Cu. E
17	Calm	Calm	E	ENE	NE	Calm	29.6	100.9	82.1	22	234.6	7	Ci.-S.	Cu.	8	A.-Cu.	Cu. ENE
18	Calm	Calm	Calm	E	NE	Calm	27.4	42.1	110.2	41.5	221.2	6	Ci.	Cu. ENE	3	Ci.	Cu. ENE
19	N	Calm	S	SW	Calm	Calm	42.5	33.5	47.3	15.9	139.2	9	------------	Cu.-N. E	8	Ci.-S.	N.-cf. S
20	Calm	Calm	Calm	Calm	NE	Calm	22.3	27.4	40.2	34.4	124.3	8	A.-Cu.	N.-cf. SSW	8	Ci.-S.	Cu.-N. W
21	Calm	Calm	E	ENE	NE	Calm	20.5	46.7	75.6	30.9	173.7	8	A.-Cu. E	N.-cf.	3	Ci.	Cu. ENE
22	Calm	N	ENE	E	NE	Calm	29.5	67.3	97.6	28.9	223.3	6	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu. ENE
23	Calm	N	Calm	E	NE	Calm	24.8	29	57.6	29.5	140.9	7	Ci.-S.	Cu.-N. ENE	7	Ci.-S.	Cu.-N. ENE
24	Calm	Calm	SSE	Calm	Calm	Calm	25.7	39.3	34.1	18.4	117.5	8	A.-Cu.	Cu. S	7	Ci.-S.	Cu.-N.
25	Calm	Calm	S	Calm	Calm	Calm	23.8	57.8	38.8	26.2	146.6	8	Ci.-S.	N.-cf. SSW	8	Ci.-S.	Cu.-N. SW
26	Calm	Calm	SW	SW	Calm	Calm	21.8	45.5	57.6	16.7	141.6	3	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. SW
27	Calm	Calm	SSE	S	Calm	SW	21.3	36.4	45.1	28.2	131	6	A.-Cu. ESE	Cu.-N.	8	Ci.-S.	Cu-N. SSW
28	Calm	Calm	SW	SW	NW	Calm	19	49.5	71.6?	27.6	167.7	7	Ci.-S.	Cu.-N. SW	6	Ci.-S.	Cu.-N. SW
29	NW	Calm	SW	SSE	Calm	Calm	27.8	44.2	46.4	23.3	141.7	7	Cj.-S.	Cu.-N. WSW	8	Ci.-S.	Cu.-N. SW
30	Calm	Calm	SSE	Calm	NE	SW	17.4	34.8	37.3	33	122.5	6	Ci.-S.	Cu.-N. SW	8	Ci.-S.	N.-cf. SW
Mean	------	------	------	------	------	------	28.9	59.5	76.9	32	197.3	5.6	------------	------------	5.8	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	5,920	----	------------	------------	----	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 4.5 meters; gravity correction not applied, −1.84 mm.]

JULY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.85	57.42	57.81	56.31	57.63	59.01	23.8	23.9	28	27	24.1	24.2	29.6	23.1	85	81	70	71	88	85	31.7
2	57.75	58.10	58.59	57.29	58.01	59.75	23.6	23.5	28.5	29	27.8	25.9	29.6	23	84	84	60	64	60	69	------
3	57.87	58.37	58.46	57.40	57.86	59.56	24.5	24	28	29.8	28.6	26.3	30.8	23.7	75	76	67	60	64	74	.5
4	58.39	58.22	58.50	57.24	58.18	60.26	25	24.4	29.7	30.5	28.6	25.5	31.5	24	78	80	62	50	64	74	------
5	59.01	59.42	60.43	58.47	59.79	61.17	24.5	24.5	29.7	30.5	29.5	26	31.5	23.9	78	77	63	61	63	73	2
6	60.03	60.75	61.09	58.88	59.38	61.21	24.7	23.7	28	29.9	29.7	25.8	30.1	23.3	77	77	70	60	64	72	.5
7	60.20	60.30	60.65	58.75	59.48	61.37	24.4	23.8	27.1	29.8	29	26	30	23.1	74	77	75	61	64	73	8.1
8	61.03	60.07	60.61	58.62	59.03	60.49	25.1	23	28	29.4	29.3	27.3	30.2	22.7	73	83	63	60	62	71	------
9	59.56	59.12	59.26	57.52	58.01	59.66	27	26.5	28.5	30	29.7	26.3	31	25.2	72	71	66	59	62	76	------
10	58.63	59.15	59.35	57.54	57.81	58.95	24.6	23.5	29.2	30.5	29.3	26.3	31	23	74	76	63	56	64	73	.5
11	58.40	58.44	58.95	57.61	57.86	59.04	25.3	25.5	30	29.2	28.3	26	30.8	24.6	74	74	53	62	68	75	------
12	58.21	58.76	58.67	56.63	56.99	58.29	25.2	24.1	29.7	30.3	29.5	26.7	31	23.5	74	74	55	54	63	77	------
13	57.39	57.46	57.43	55.32	55.79	57.25	25.4	25.9	28.8	30.8	29.8	26.6	31.5	24.8	73	69	61	53	60	68	------
14	55.71	55.86	56.28	54.44	54.80	56.44	26.5	25.5	29.5	30	27.8	27.1	31	24.9	71	71	59	59	67	65	------
15	55.99	56.84	57.29	55.73	56.39	57.43	26.5	26	29.8	30.3	29	25	31.3	23.6	65	67	57	55	64	79	------
16	56.84	57.58	58	56.38	56.71	58.27	23.3	28.8	29.4	30	28.8	25	31	22	72	74	62	56	62	70	------
17	57.48	58.04	58.48	56.97	57.58	59.14	24.5	23.7	29.5	32.4	29.1	26	32.9	23.2	75	77	64	50	64	72	------
18	58.32	58.29	59.15	57.23	57.08	57.95	25.2	25.2	29.7	31	29.5	26.8	31.5	24.5	74	76	63	54	61	65	------
19	57.06	57.26	57.48	55.66	55.94	57.72	25.6	25	30	30.5	29	25.1	31.3	24.4	70	76	59	59	64	83	25.4
20	56.51	57.23	57.56	56.05	56.98	59.16	24.7	24.6	29.6	30.3	29	26.4	30.6	23.9	84	80	64	60	63	71	------
21	58.65	59.12	59.02	57.73	58.30	59.99	26	25.5	29.6	30.7	30	27.2	31	25	72	72	61	60	59	67	2.5
22	59.26	58.49	58.71	56.93	57.43	58.55	25.4	25.1	28.5	30.5	30.2	26.5	31	24.9	77	76	67	61	64	74	------
23	57.51	56.86	57.16	55.39	56	57.13	25.4	24.7	30.2	27.5	25.7	25.5	31	23.3	74	75	66	69	82	86	23.9
24	56.02	55.84	56.74	55.33	55.55	56.78	24	23.5	28.4	29.1	28.6	25.5	30.5	23	78	80	64	64	68	76	.8
25	56.20	55.79	56.58	55.73	56.26	57.92	24.6	23.5	29.5	31	28.5	25.9	31	23.2	76	79	65	56	70	73	------
26	56.67	56.98	57.64	56.30	57.14	58.16	24.9	24.3	29	30.8	28	25.5	31.3	24	73	76	64	60	71	72	------
27	57.46	58.22	58.30	56.30	56.79	58.22	24.8	24.7	29.5	31	29.7	24.8	31.5	24.3	74	78	63	56	64	87	16.8
28	57.51	57.51	57.41	56.48	56.54	58.16	25.2	25.1	29.7	30	29.2	26	31.5	24.5	79	79	60	65	67	76	.8
29	57.57	56.79	57.33	55.80	56.57	57.83	26	25	29.1	30.5	27.6	25.6	31	24	69	72	63	57	68	74	------
30	57.51	57.32	58.20	56.55	57.38	58.79	25.5	24.6	29.8	30.2	29	27.4	31	24	72	73	60	58	67	71	------
31	57.58	58.70	59.42	57.12	57.80	59.26	25.2	24.2	30.2	31.6	29.4	25.8	32.1	23.8	74	74	58	54	66	70	------
Mean	57.88	58.01	58.40	56.76	57.32	58.80	25	24.5	29.2	30.1	28.8	26	31	23.8	74.8	75.9	62.8	58.8	65.7	73.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	113.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	Calm	SE	E	NE	SW	20.7	28.4	59.4	24.1	132.6	6	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. W
2	Calm	Calm	SSW	SSW	WSW	Calm	19.3	48.2	76.9	25.4	169.8	8	------------	S.-Cu.	6	Ci.-S.	N.-cf. WSW
3	Calm	Calm	SW	SE	Calm	Calm	15.1	44.5	36.9	23.4	119.9	8	A.-Cu. N	N.-cf. WSW	7	Ci.-S.	Cu. SW
4	Calm	Calm	SSW	SSW	Calm	Calm	22	69.2	67.2	14.8	173.2	7	A.-Cu.	Cu.-N. SW	6	Ci.-S.	Cu.-N. SW
5	Calm	Calm	SE	E	Calm	Calm	17.7	34.5	62.4	24.8	139.4	3	Ci.	Cu. SW	4	Ci.	Cu. E
6	Calm	Calm	S	E	E	Calm	23.4	35.9	81.3	36.4	177	3	Ci.	Cu. ENE	4	Ci.	Cu. E
7	ENE	Calm	Calm	E	Calm	Calm	33.5	24.6	39	24.9	122	3	Ci.	Cu. E	6	Ci.-S.	Cu. E
8	Calm	Calm	S	SSW	SW	S	25.1	56.8	72.5	29.9	184.3	4	Ci.	Cu. E	3	Ci.	Cu. SSW
9	WSW	SSW	S	SW	SW	Calm	60.4	69	72.5	18.5	220.4	4	Ci.	Cu. SW	3	Ci.	Cu. SW
10	NW	Calm	SSW	SW	Calm	Calm	23.4	60.9	81.7	22.3	188.3	3	Ci.	Cu.	5	Ci.-S.	Cu. SSW
11	Calm	Calm	SSW	SSW	Calm	Calm	22	56.8	58.6	20.5	157.9	7	Ci.-S.	N.-cf. WSW	9	Ci.-S.	N.-cf. SW
12	Calm	Calm	SW	SSW	W	Calm	19.6	61	82.9	22.5	186	7	Ci.-S.	Cu. SW	4	Ci.	Cu. SW
13	Calm	W	SSW	SW	W	Calm	23.8	61.8	72.9	27.4	185.9	8	Ci.-S.	N.-cf. WNW	6	Ci.-S.	Cu. WSW
14	Calm	Calm	SSW	SSW	Calm	W	18.8	70.8	73.5	38.6	201.7	6	Ci.-S. E	Cu. SW	6	Ci.	Cu.-N. SW
15	WNW	SW	SSW	SSW	W	Calm	53.7	84.3	73	19.4	230.4	8	Ci.-S.	S.-Cu. WSW	8	Ci.-S.	Cu. WSW
16	Calm	Calm	S	SW	Calm	Calm	15.3	53.1	64	23.8	156.2	3	Ci.	Cu. SW	4	Ci.-S.	Cu. SW
17	Calm	Calm	SE	SE	Calm	Calm	20.2	39.3	68.2	27.1	154.8	6	Ci.-S.	Cu. SW	5	Ci.-S.	Cu. SW
18	Calm	Calm	E	E	ENE	N	31.4	51.5	100.2	39	222.1	6	Ci.-S.	Cu. E	3	Ci.	Cu. E
19	Calm	Calm	E	E	ENE	E	25.9	66.7	111	51.4	255	4	Ci.	Cu. E	3	Ci.	Cu. E
20	NW	N	Calm	E	NE	Calm	24.1	41.2	94.7	29.1	189.1	3	Ci.	Cu. ESE	3	Ci.	Cu. ESE
21	Calm	Calm	E	E	ENE	NE	25.6	62.8	100.2	49.2	237.8	3	Ci.	Cu. E	2	Ci.	Cu. E
22	NNE	Calm	E	E	Calm	Calm	33.9	53.6	79.1	22	188.6	6	Ci.	N.-cf. ENE	3	Ci.	Cu. E
23	Calm	Calm	S	NW	Calm	E	26.2	32.2	44.6	40.9	143.9	3	Ci.	Cu. E	4	Ci.	Cu.-N. E
24	Calm	Calm	S	W	Calm	Calm	25.6	28.6	47.3	18	119.5	6	Ci.-S.	N.-cf. N	8	Ci.-S.	Cu.-N. N
25	Calm	Calm	SE	E	Calm	Calm	23.8	32.7	59.4	21.7	137.6	3	Ci.	Cu.	6	Ci.	Cu.-N. ENE
26	NW	Calm	SSW	SE	Calm	Calm	30.3	44.3	38.8	26.8	140.2	6	Ci.	Cu. SW	6	Ci.-S.	Cu.-N. ENE
27	NW	Calm	SW	SE	Calm	Calm	24.4	45.8	44	27.1	141.3	3	Ci.	Cu. SSW	4	Ci.	Cu. SSW
28	Calm	Calm	SSW	E	SW	Calm	21.5	64	48.8	25.9	160.2	5	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. WSW
29	Calm	Calm	SW	SW	W	Calm	25.4	65.2	81.5	19.9	192	7	Ci.-S.	Cu. WSW	5	Ci.-S.	Cu. SW
30	Calm	Calm	SSW	SSW	Calm	Calm	19.9	65.9	70.6	28.2	184.6	6	Ci.-S.	Cu. WSW	5	Ci.-S.	Cu. WSW
31	Calm	Calm	SSW	WSW	Calm	Calm	15.9	59.4	72	18.7	166	2	Ci.	Cu.	6	Ci.-S.	Cu. SW
Mean	------	------	------	------	------	------	25.4	52	68.9	27.2	173.5	5.1	------------	------------	5.1	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	5,377.7	----	------------	------------	----	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.84 mm.]

AUGUST, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimnm.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.90	57.94	58.45	56.24	57.31	58.86	24.6	24	29.5	30.6	27	25.4	32	23.6	71	75	55	55	77	73	19.3
2	57.24	57.17	57.58	55.68	56.93	58.06	24.5	24	29.5	30.2	24.2	24.3	30.8	23.8	76	77	63	58	83	86	8.6
3	57.09	57.12	57.80	56.46	57.16	58.01	24.4	24.2	28.5	29.8	25	25	30.5	23.3	78	82	64	62	78	77	7.4
4	57.42	57.40	57.96	56.55	57.21	58.69	24.5	24	29	30.5	26	25.3	31.6	23.6	77	79	63	60	78	77	.5
5	57.98	58.06	58.99	57.04	57.40	58.30	25.2	24.7	25.6	29.5	28.2	26	30	24.3	78	77	79	61	69	76	3
6	57.99	58.24	58.50	56.78	57.26	58.94	24.6	24	29.2	30	25.8	25	30.9	23.7	76	79	63	64	83	78	29.2
7	58.24	57.62	58.03	56.43	56.88	58.45	24.4	24.2	29	30.2	29	23.9	30.6	23	78	79	65	60	68	92	68.8
8	58.78	57.67	58.48	56.58	56.54	58.54	23.9	24.3	28.8	30	29	26.8	30.5	23.3	86	86	62	62	64	74	7.9
9	57.66	57.53	58.28	56.96	57.45	58.75	26	24.6	29.6	29.7	28	25.9	30.5	24.2	71	73	58	60	68	74	3.8
10	58.12	58.22	58.45	56.54	56.95	58.75	25.1	25.2	29.7	30.5	29	27.2	31	24.1	75	72	55	57	65	71	------
11	57.88	57.72	58.50	56.94	57.50	58.81	24.9	24.4	29	29.8	29	26	31	23.9	72	77	64	60	65	71	------
12	58.29	58.64	59.05	57.20	57.59	58.92	25.2	25	29.6	29.9	29	26.3	31	24.8	76	75	64	60	64	71	------
13	57.60	57.80	57.79	55.60	56.64	57.89	24.7	24.7	28.9	30	29	24.5	31	24.1	74	70	58	59	69	84	5.1
14	56.64	56.74	57.83	55.96	57.11	58.44	24.6	25	28.5	29.5	28.6	23.7	30.8	23	78	71	62	61	66	84	21.6
15	57.92	58.36	58.54	56.52	56.90	58.54	24.5	23.7	26.8	28.7	27.6	25.6	29.9	23.2	86	86	67	66	73	77	2
16	58.10	58.47	58.64	56.28	56.20	58.02	24.5	23.7	26.6	29.8	27.2	25.6	30.5	23.3	79	82	72	54	75	79	12.7
17	57.06	57.17	57.86	55.67	56.58	58.30	24.4	24.4	29	31	28.2	26	31.5	23.9	84	80	65	59	69	72	------
18	57.61	57.21	58.38	56.33	56.38	58.47	23.5	24	29.7	30.6	29.5	26.2	31	23	81	79	64	61	63	70	------
19	57.49	57.23	58.33	56.38	56.36	58.31	25.4	24.7	29.9	30.2	30.8	26.6	31.1	24.2	78	78	65	58	55	69	------
20	57.27	57.04	57.91	56.29	57.21	58.57	25.5	25.1	28.6	30	26.5	25	31	24.7	75	79	70	62	79	87	5.6
21	57.64	58.11	58.26	56.45	57.94	59.30	24.3	24.4	27.5	29.9	27	26	30.8	23.9	77	82	70	62	76	76	------
22	58.20	58.36	59	57.33	58.21	58.98	25	23.7	29.5	28.1	24.5	23.9	30.5	23.5	74	77	62	70	83	79	11.9
23	57.43	57.55	58.13	56.16	56.57	57.90	23.6	23.7	29.4	29.4	27.6	25.5	29.9	23.3	78	77	66	62	70	74	------
24	56.81	57.02	57.40	55.64	56.35	57.24	25	24.7	29.9	31	27.1	25.4	31.5	21.3	76	77	62	58	64	73	------
25	56.05	56.02	56.16	54.87	56.26	57.26	24.8	24.4	30.2	31.2	29.5	26.6	31.8	23.9	75	74	60	55	64	74	------
26	56.36	56.31	56.83	55.01	56.20	57.18	25.4	24.7	30	31	29	25.6	31.9	24.2	77	78	64	59	68	69	------
27	56.92	57.22	57.62	56.17	56.76	57.94	26	25	31	31.1	29.3	26.3	32.4	24.9	76	80	59	59	66	74	4.9
28	57.71	57.98	58.04	56.28	57.28	58.94	25.5	23.2	29.3	31	29.2	26.3	32	22.9	77	90	65	58	63	73	------
29	58.20	57.76	58.35	56.12	56.73	59.10	25.5	25.4	30	31	28.6	24.4	31.8	24	74	76	59	58	66	88	10.9
30	57.76	57.76	58.35	56.24	57.19	58.42	25.9	25	29.9	30.5	26	25.2	31	24.2	84	80	58	59	80	85	4.6
31	57.11	56.97	57.75	55.54	56.16	57.88	26	25.3	29.7	31.2	27.1	25.5	31.8	24.9	74	74	58	50	69	75	------
Mean	57.56	57.56	58.10	56.27	56.96	58.38	24.9	24.4	29.1	30.2	27.8	25.5	31.1	23.8	77.1	78.1	63.3	59.6	70.3	76.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	227.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	W	Calm	SSW	SW	Calm	Calm	23	55.4	63	23.6	165	6	Ci.	Cu.	4	Ci.	Cu. SW
2	NW	Calm	S	S	NW	Calm	26	55.5	61.7	19.5	162.7	3	Ci.	Cu. WSW	7	Ci.-S.	Cu. SW
3	Calm	Calm	S	SSW	SW	Calm	21.4	47.7	64	21.5	154.6	5	Ci.	Cu. SW	6	Ci.	Cu.-N. sw
4	Calm	Calm	S	E	WSW	Calm	17.7	34.3	37.1	18.5	107.6	7	A.-Cu.	Cu. WSW	7	Ci.-S.	Cu.-N. sw
5	Calm	Calm	SE	SSW	SSW	Calm	22.1	24.9	51.5	21	119.5	7	A.-Cu.	N.-cf	5	Ci.-S.	Cu.-N. NNE
6	Calm	Calm	SE	E	Calm	Calm	20.9	29.1	53.9	23.6	127.5	4	Ci.	Cu.	5	Ci.-S.	Cu.-N. WSW
7	Calm	Calm	SW	SSW	SW	SW	20.4	58.2	77.5	37.6	193.7	5	Ci.	Cu. WSW	5	Ci.	Cu. SW
8	Calm	Calm	SW	SW	SW	SW	21.2	37.1	71	41.8	171.1	10	------------	Cu.-N. wsw	6	Ci.-S.	Cu.-N. sw
9	W	Calm	SSW	SW	Calm	Calm	20.7	54.3	74.5	25.4	174.9	4	A.-Cu.	Cu. SW	6	Ci.-S.	Cu. SW
10	Calm	SW	SSW	SSW	WSW	SSW	24.4	72.1	80.5	39	216	3	Ci.	Cu. SW	6	Ci.-S.	Cu. WSW
11	Calm	Calm	SSW	SW	SW	W	23	54.3	66.5	84.1	177.9	3	Ci.	Cu. WSW	8	Ci.-S.	Cu.-N. WSW
12	Calm	Calm	SSW	SSW	WSW	Calm	15.1	61.4	72.9	16.3	165.7	7	A.-Cu. E	Cu. SW	8	Ci.-S.	Cu.-N. sw
13	W	W	SW	SSW	N	Calm	25.3	60.4	92.8	27.1	205.6	5	Ci.-S.	Cu. WSW	4	Ci.	Cu. W
14	NW	W	SW	SSW	WSW	NW	28.9	48.3	58.9	31.9	168	7	Ci.-S.	Cu.-N. W	6	Ci.-S.	Cu.-N. WSW
15	SW	Calm	Calm	SW	Calm	SE	30.1	19.9	27.4	24.3	101.7	9	------------	N.-cf. wsw	6	Ci.-S.	Cu. SW
16	S	NE	Calm	SW	NE	Calm	20.7	26.2	48	26.4	121.3	9	------------	Cu.-N. wsw	4	Ci.	Cu. SW
17	N	NW	SE	SE	NE	N	33.5	28.9	43.5	36.4	142.3	3	Ci.	Cu.	3	Ci.	Cu. E
18	N	Calm	ENE	E	Calm	E	39.9	45.3	67.5	32.1	184.8	3	------------	Cu.	3	Ci.	Cu. E
19	Calm	Calm	E	E	Calm	Calm	22.5	43.9	82.1	30.3	178.8	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
20	N	SE	Calm	E	Calm	Calm	29.1	39.7	87.4	20.2	176.4	5	Ci.	Cu. ENE	7	------------	Cu.-N. ENE
21	NE	Calm	Calm	SE	NE	Calm	25.4	19.2	49.2	20.1	113.9	8	Ci.-S.	N.-cf. E	7	Ci.-S.	Cu.-N. E
22	NW	Calm	SE	SSE	Calm	Calm	28.6	33.8	67.2	21	150.6	6	Ci.	Cu. E	6	Ci.-S.	Cu.-N. NE
23	NW	Calm	E	E	Calm	N	24.1	42.6	77.6	27.6	171.9	7	Ci.-S.	Cu. E	8	Ci.-S.	Cu. E
24	N	Calm	SE	S	NW	Calm	28	43	43.5	26.2	140.7	3	Ci.	Cu.	6	Ci.-S.	Cu.-N. S
25	Calm	Calm	S	S	Calm	Calm	27.4	37.3	44.5	25.6	134.8	4	Ci.	Cu. SSE	4	Ci.	Cu. S
26	Calm	Calm	SSE	E	Calm	N	26	29.5	74.1	35	164.6	4	Ci.	Cu. ESE	3	Ci.	Cu. E
27	Calm	Calm	E	ENE	Calm	NE	24.3	31.3	69.7	27.2	152.5	3	Ci.	Cu. E	5	Ci.	Cu. ENE
28	Calm	Calm	S	NW	Calm	Calm	33.9	56	57.1	21.2	168.2	3	Ci.	Cu. ENE	6	Ci.	Cu. E
29	Calm	Calm	SSW	S	W	Calm	21.5	66.1	82.9	30.9	201.4	4	Ci.	Cu. S	6	Ci.-S.	Cu. SSW
30	WSW	Calm	SSW	SSW	W	Calm	21	61	93.5	27.1	202.6	8	Ci.-S.	N.-cf. wsw	5	Ci.-S.	Cu. SW
31	W	Calm	SSW	SW	Calm	Calm	33.9	52.5	66.8	12.6	165.8	3	Ci.	Cu. SW	6	Ci.-S.	Cu. SW
Mean	------	------	------	------	------	------	25.2	44.2	64.8	26.6	160.7	5.2	------------	------------	5.5	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	4,982.1	----	------------	------------	----	------------	------------

CEBU.

[φ=10° 18′ N; λ=123° 54′ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.84 mm.]

SEPTEMBER, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	nm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.59	56.72	57.49	55.53	56.19	57.82	26.3	26	29.6	30.8	28.8	25.6	31.4	24.5	73	76	61	66	70	81	------
2	57.11	57.31	57.54	56.11	56.18	57.81	24.4	26	30	31.1	29.2	26.5	32	24	81	77	62	58	70	83	------
3	56.82	57.24	57.20	55.68	56.26	57.79	26	25.4	30	28	27	25.1	31.5	24.6	77	77	66	67	77	84	------
4	56.76	56.66	57.30	55.21	55.76	57.22	25.6	25.2	29.5	30.9	29.2	27	31.8	24.2	78	82	64	57	69	77	------
5	56.41	56.56	57.28	55.53	56.07	57.60	25.9	25	29.8	30.5	27.7	26	32	24.4	77	83	63	60	71	79	------
6	56.84	56.56	57.14	55.23	55.69	57.10	25	25	29.2	31	29	26.5	31.2	24.4	84	85	65	59	65	80	------
7	56.31	56.32	57	55.32	55.88	57.67	25.3	24.9	30	31.3	29.5	26.9	32	24	83	85	62	55	68	77	------
8	57.10	57.41	58.20	56.24	57.45	58.99	25.4	24.8	27.7	30.9	29.2	26.3	31.4	24.5	82	81	71	60	64	76	63.5
9	58.90	58.61	58.84	56.29	57.81	58.95	23.5	23.4	29	30	28.5	26.1	31.1	22.6	93	91	68	64	76	89	14.2
10	58.22	58.50	59.07	57.02	57.74	59.51	24	24.6	25	28.9	27.2	25.6	29.5	23.3	95	93	97	74	81	89	16.5
11	58.96	58.28	59.76	57.20	57.96	59.15	26	24	29	31	28	26.5	31.9	23.6	81	92	72	54	74	84	20.1
12	58.36	59.02	59.08	57.38	57.83	59.47	24	23.7	28.3	29.2	28	26.4	31.4	22.9	92	95	78	70	77	82	9.4
13	58.25	58.19	59.01	56.64	57.67	59.19	24.4	24.5	28.5	29.5	26.5	25.4	30.5	23.9	94	92	78	71	84	91	8.2
14	58.02	58.42	59	56.58	57.86	59.37	24.5	24	28.5	30	24.2	24.3	30.8	23.5	96	96	75	60	91	89	11.9
15	58.42	58.32	58.80	56.31	57.11	58.49	23.8	23.2	27.5	29.4	24.3	24.1	30	23	92	94	70	66	91	95	49.5
16	57.74	57.45	58.77	56.57	57.72	58.81	23	23	26.7	28.6	26.8	25.8	29.2	22.5	97	95	78	63	79	90	2.5
17	58.32	58.37	59.91	57.88	58.26	61.11	24.3	24.1	29	30.5	28.1	25.6	31.1	23.5	88	95	70	60	77	88	.5
18	60.05	59.93	60.82	58.48	58.73	60.61	25.5	24	29	29.8	28.6	26.3	30.5	23.5	86	94	70	67	71	77	.5
19	59.05	59.36	59.68	57.45	57.94	59.01	25.1	24.5	29.4	30.1	28.1	26.5	31	24	83	86	64	65	73	81	.3
20	57.52	57.92	58.08	56.18	57.57	59.12	24.9	24.5	28.5	24.5	24.7	23.8	29.9	22.9	87	90	68	94	90	91	42.9
21	57.85	57.50	58.49	56.60	57.92	59.62	24.2	24.5	28	28.9	26.5	25	29.9	23.3	91	93	73	64	81	85	1
22	58.61	59.08	59.36	57.05	57.93	59.21	23.5	23.7	29	30.1	28.5	25.5	31	22.6	91	91	71	66	66	76	------
23	58.51	58.45	58.90	56.67	57.41	58.27	24.9	24	29.5	30.1	26.5	25	31	23.3	78	83	70	67	86	88	8.4
24	57.20	57.18	56.86	54.79	56.09	57.53	24.5	24.1	29.4	28.2	27.6	25.8	30.1	23.6	88	90	68	79	80	85	3.3
25	56.10	56.45	56.90	55.10	56.09	57.32	24.5	24.2	29.4	25.7	26.5	25.8	30.9	23.9	87	86	70	78	82	85	2.5
26	56.52	56.95	57.24	55.47	56.83	57.63	24.4	24.6	27.6	24.7	23.5	23.4	29.5	22.7	88	87	74	83	91	89	41.7
27	56.58	56.94	57.50	54.84	56.34	57.72	23.4	24.8	28.9	28.6	24.5	24.6	29.8	22.4	88	87	68	73	89	87	13.2
28	56.45	56.48	56.90	54.61	55.92	56.87	25	24.9	28.9	28.6	27	26.1	30	24.2	83	84	70	66	70	73	1.5
29	56.10	56.07	56.70	54.81	56.09	57.91	25.6	25.3	29	29.5	28.1	26.8	30.6	24.8	75	77	69	68	68	71	1
30	57.03	57.52	58.24	56.95	57.96	59.66	26.5	24.4	29	30	28	25.4	31	23.9	71	84	74	67	76	80	------
Mean	57.56	57.66	58.24	56.19	57.08	58.55	24.8	24.5	28.8	29.3	27.3	25.7	30.8	23.6	85.3	87.4	70.3	66.7	76.9	83.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	312.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SW	SW	Calm	Calm	26	59.5	68	16.7	170.2	6	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. SW
2	Calm	Calm	SW	SW	Calm	Calm	19.3	58.2	77.8	17.7	173	8	A.-Cu. N	Cu. SW	5	Ci.-S.	Cu. SW
3	Calm	Calm	SSW	WSW	Calm	Calm	24.9	69.2	66	16.3	176.4	4	Ci.	Cu. SW	7	Ci.-S.	Cu.-N. SW
4	Calm	Calm	SSW	SW	W	Calm	------	------	91	28.4	-------	6	Ci.-S.	Cn. SW	5	Ci.-S.	Cu. SW
5	Calm	Calm	SSW	SW	Calm	Calm	19.6	64.8	66	13.6	164	7	Ci.-S. ENE	Cu. SW	7	Ci.-S.	Cu. SW
6	Calm	Calm	SSW	SW	WSW	Calm	16.4	48.2	59.7	17.9	142.2	6	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. SW
7	Calm	Calm	S	SSW	Calm	Calm	18.2	63.5	77.5	19	178.2	3	Ci.	Cu. WSW	4	Ci.	Cu. SW
8	Calm	Calm	E	S	E	Calm	19	39.1	59.9	23.4	141.4	8	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. ENE
9	SE	Calm	E	E	Calm	Calm	32.7	59.4	53	29.8	174.9	8	Ci.-S.	Cu.-N. N	5	Ci.-S.	Cu.
10	Calm	Calm	WSW	S	Calm	Calm	21.3	21.8	32.9	25.3	101.3	10	------------	Cu.-N. NE	7	Ci.-S. E	N.-cf.
11	SE	Calm	S	S	Calm	N	40.7	36.6	39.1	29	145.4	6	Ci.-S.	N.-cf. SW	6	Ci.-S.	Cu. ENE
12	NW	Calm	SW	E	NE	Calm	38.2	36.4	49.7	27.4	151.7	8	Ci.-S.	N.-cf. ENE	7	A.-Cu.	Cu.-N. E
13	Calm	Calm	SE	Calm	Calm	Calm	28.4	36.2	39.4	26.2	130.2	6	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu.-N. NE
14	Calm	Calm	SE	SE	NW	Calm	18	29.5	------	19.6	-------	7	Ci.-S.	Cu.-N. ESE	4	Ci.	Cu. SSW
15	Calm	Calm	SSW	SSW	Calm	Calm	19.3	43	57.3	28	147.6	9	------------	N. S	6	Ci.-S.	Cu. SSW
16	Calm	Calm	SW	SSW	SW	Calm	19.2	39.6	54.2	23	136	8	A.-Cu.	Cu.-N.	7	Ci.-S.	Cu. SW
17	Calm	Calm	SE	S	Calm	Calm	21.7	32.2	39.1	24.4	117.4	5	Ci.-S.	N.-cf. SW	4	Ci.	Cu. SSW
18	Calm	Calm	E	E	Calm	E	24.9	70.5	87.8	41.3	224.5	3	Ci.	Cu.	6	Ci.-S.	Cu. ENE
19	N	Calm	E	NE	Calm	Calm	23.3	44.2	41	24.1	132.6	5	Ci.-S.	Cu.-N. ENE	6	Ci.	Cu. NE
20	Calm	Calm	SSW	Calm	Calm	Calm	23.8	52.3	40.4	26.9	143.4	6	Ci.-S.	Cu.-N. NNW	9	------------	N.-cf. NNW
21	SW	Calm	SW	SW	N	Calm	46.4	45.8	55.9	19.9	168	9	------------	Cu.-N. SW	7	Ci.-S.	Cu.-N. SSW
22	W	Calm	SE	E	Calm	NE	20.5	32.7	57.6	30.9	141.7	6	Ci.-S.	Cu. S	5	Ci.-S.	Cu. E
23	NE	Calm	E	SW	Calm	Calm	27.8	53.7	38.5	25.7	145.7	3	Ci.	Cu. ENE	7	Ci.-S.	Cu.-N. NNE
24	Calm	Calm	SSW	SW	W	Calm	22.1	51	49.1	25.1	147.3	7	Ci.-S.	Cu. NNE	8	Ci.-S.	Cu.-N. W
25	Calm	Calm	SSW	W	Calm	ENE	25.6	49.4	29.9	22.3	127.2	8	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu.-N. W
26	Calm	Calm	SW	SW	Calm	Calm	23.6	48.3	47	9.1	128	7	Ci.-S. E	Cu.-N.	10	------------	N. W
27	Calm	WSW	SW	SW	Calm	W	28.7	66.7	82	39.9	217.3	8	Ci.-S.	Cu. SW	8	Ci.-S.	Cu.-N. WSW
28	WSW	W	SW	SW	W	W	55.4	92.5	99.4	46.4	293.7	7	Ci.-S.	Cu. WSW	7	A.-Cu.	Cu. SW
29	W	WSW	SW	SW	WSW	W	49.2	104.8	96.8	57	307.8	5	A.-Cu. W	Cu. SW	7	Ci.-S.	Cu. SW
30	WSW	Calm	SSW	SSW	Calm	Calm	27.4	70.5	67.8	18.7	184.4	5	Ci.-S.	Cu. W	4	Ci.	Cu. SSW
Mean	------	------	------	------	------	------	27	52.4	59.4	25.8	164.7	6.5	------------	------------	6.5	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.84 mm.]

OCTOBER, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.80	58.92	59.50	57.29	58.33	59.57	24.4	25.5	30	31	28.5	25.4	31.3	23.4	80	76	64	59	71	88	3
2	58.95	58.64	59.96	58.44	58.08	58.30	25.1	24.5	25.1	24.7	24.5	23.7	25.7	23.1	81	92	84	83	86	87	5.3
3	58.25	57.84	59.29	56.83	57.61	59.49	24	24	26	29.2	27.5	25	30	23.2	88	85	80	66	69	80	.5
4	58.25	58.97	60.11	58.24	58.63	60.15	24.9	24.4	29	29.2	27.7	25.9	30.5	23	79	80	66	67	76	81	------
5	59.40	59.65	59.90	57.83	58.36	59.79	25.1	24.5	29.5	30.2	29	26.2	31.6	23.4	86	85	68	61	68	79	------
6	58.37	58.56	58.70	56.60	57.49	58.95	25.1	24.2	28.6	30.2	27.5	25.8	31.3	23.5	83	83	73	68	82	83	5.9
7	58.70	58.19	58.60	56.74	57.93	59.16	24.6	24	30	31	26.1	24.8	31.6	23.7	88	91	65	59	78	87	------
8	58.29	58.85	59.40	57.63	58.49	59.34	24.5	24.6	29.9	30.4	26.6	25.8	30.5	23.6	86	82	60	60	82	84	1.1
9	58.80	59.07	59.76	57.36	58.37	59.47	24.6	24.9	28.8	30.4	25.7	24.5	30.6	24.2	86	83	67	63	84	88	.3
10	58.80	58.99	59.40	57.41	58.49	59.65	24.2	24.6	29.8	29	26	24.2	31.5	23.8	87	88	65	69	84	87	8.6
11	58.53	59.16	60.08	58.39	59.06	60.14	24	24.1	29.1	24.6	26.5	24.7	30.5	23.3	88	86	70	90	82	88	37.4
12	59.20	58.97	60.19	57.95	59	60.24	24.3	24	28.2	29	26.5	25	30.5	23.5	91	87	70	69	85	82	------
13	59.23	59.42	59.93	57.15	58.74	59.79	24	24	27.4	29.6	26.8	25.5	29.8	23.5	83	83	76	70	82	80	------
14	59.23	59.57	59.95	57.48	58.55	60.11	24.3	24.3	29	29.9	27.6	26	30.2	23.8	85	82	73	67	76	83	------
15	58.90	58.91	60.71	58.83	59.87	60.45	25	24.4	29	28.4	24.3	24	30.5	23.2	88	84	71	73	89	91	18
16	58.98	59.84	59.75	57.63	58.95	60.39	23.1	23.3	29.1	28.7	27.6	24.5	30.5	22.4	92	89	68	71	75	83	------
17	59.57	59.67	60.30	58.08	58.91	60.26	23.9	24.7	30.1	29.5	27.2	25.9	30.6	23.5	84	85	65	68	77	83	------
18	59.37	60.05	60.60	58.87	59.56	60.61	24.7	24.2	29.5	29	27.6	24.9	30	23.7	85	86	67	70	79	81	------
19	59.46	59.76	60.21	58.14	58.41	59.61	24	24.8	27.2	29.7	28	26	30.2	23.6	83	80	75	67	74	77	3
20	58.86	59.29	59.75	57.37	58.20	59.51	25.4	25.7	29.3	30.3	27.4	25.4	30.6	24.1	80	81	69	66	74	82	------
21	58.40	58.95	60.04	57.10	58.38	59.62	24.6	25	26.5	30	27	25.6	30.2	23.8	82	80	80	64	77	84	.6
22	58.78	59.02	59.63	57.34	58.29	58.91	24.4	25	28.6	30.5	28.5	25.7	30.6	23.8	83	85	73	58	67	84	------
23	58.24	58.72	58.90	56.59	57.35	59.19	26.1	26	30.3	29.5	27.1	24.2	30.8	23.5	82	79	66	72	78	95	32.5
24	57.89	58.19	59.20	56.84	57.65	59.66	24.3	24.5	29.2	30	27.4	24	30.7	23	96	92	65	62	74	91	22.9
25	58.80	59.15	59.98	57.58	58.36	60.01	24.2	25.7	29.3	29.5	27.5	25.6	30.5	23.7	93	82	66	64	73	84	------
26	58.98	59.86	59.32	56.99	58.19	59.09	24.9	24.5	30	29.8	25.6	25.6	30.3	23.6	82	87	62	63	85	81	1.3
27	58.05	58.46	58.59	56.45	57.59	58.51	24.5	24.5	29.8	30	27.5	26	31	23.7	87	85	67	65	73	82	102.1
28	57.95	57.49	58.36	56.06	57.44	58.35	24.2	23.5	28.9	29.3	27	26	30.3	22.8	93	94	71	71	80	82	------
29	57.19	57.36	58.57	55.69	57.63	57.93	25.6	25.8	29.3	28	26	24.7	30.2	24	84	82	69	67	76	83	------
30	56.98	57.57	57.99	54.66	55.09	55.46	25	24.2	25.2	27.8	25.9	24.9	29.5	23.5	81	86	91	79	85	92	50.8
31	54.15	54.04	53.96	51.76	52.38	50.84	24.4	24.5	26.5	27	25.6	25.7	27.8	23.9	94	94	88	84	88	85	90.9
Mean	58.50	58.75	59.38	57.14	58.04	59.11	24.6	24.6	28.7	29.2	26.9	25.2	30.3	23.5	85.8	85	70.8	68.2	78.4	84.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	----	384.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SSW	SW	WSW	Calm	17.7	68	64.4	21	171.1	5	A.-Cu.	Cu. SW	6	Ci.-S.	Cu. WSW
2	NW	Calm	Calm	SW	Calm	Calm	27.2	24.1	27.6	26	104.9	8	------------	Cu.-N. N	10	------------	N. WSW
3	Calm	Calm	SE	SW	W	Calm	18.2	54.3	73.5	28.9	174.9	8	A.-Cu.	Cu. W	5	Ci.	Cu. WSW
4	Calm	Calm	SSW	SW	Calm	Calm	22.1	58.6	78.3	21.1	180.1	5	Ci.	Cu. WSW	6	Ci.	Cu. SW
5	Calm	Calm	ENE	NW	Calm	Calm	26	56.3	72.4	24.9	179.6	4	Ci.	Cu. NE	4	Ci.	Cu. ENE
6	Calm	Calm	S	Calm	Calm	Calm	26.2	40.1	34.8	28.2	129.3	3	Ci.	Cu.	5	Ci.	Cu.-N. NE
7	N	Calm	S	SW	Calm	Calm	28	41.5	44.3	20.1	133.9	3	Ci.	Cu.	6	Ci.-S.	Cu. NE
8	Calm	Calm	SW	SW	NW	Calm	18	52.8	62.8	22.8	156.4	8	Ci.-S.	Cu.-N. SW	7	Ci.-S.	Cu. SW
9	Calm	Calm	SW	SSW	Calm	Calm	20.1	41.7	37.5	19.4	118.7	7	Ci.-S.	Cu.	8	Ci.-S.	Cu. SW
10	Calm	Calm	E	SE	NW	N	17.7	23.9	41.8	41.3	124.7	7	Ci.-S.	Cu. SW	7	Ci.-S.	Cu.-N. SSW
11	Calm	Calm	SSE	SW	Calm	Calm	24.6	29.5	36.6	27.6	118.3	6	Ci.-S.	Cu.-N. SSW	9	------------	Cu.-N. S
12	Calm	Calm	SSW	S	Calm	Calm	20.2	27.2	40.7	22.6	110.7	5	Ci.	Cu.-N. SE	6	Ci.-S.	Cu.-N. S
13	N	Calm	E	E	Calm	Calm	26.8	53.8	67	29	176.6	4	Ci.	Cu. ESE	4	Ci.-S.	Cu.-N. ENE
14	Calm	Calm	E	Calm	Calm	Calm	33	42.8	53.9	28.4	158.1	5	Ci.-S.	Cu. E	4	Ci.	Cu. SSW
15	Calm	Calm	SE	Calm	Calm	Calm	19.9	35.6	31.6	26.6	113.7	7	Ci.-S.	Cu. ENE	8	Ci.-S.	Cu.-N. ENE
16	N	Calm	SE	NE	Calm	Calm	32.1	35.4	50.7	27.1	145.3	3	Ci.	Cu. ENE	6	Ci.	Cu.-N. ENE
17	Calm	Calm	SE	ENE	Calm	Calm	26.8	24.9	84.2	28.4	164.3	5	Ci.	Cu. E	6	Ci.-S.	Cu.-N. E
18	Calm	Calm	E	E	Calm	Calm	22.8	46.8	72.1	21	162.7	4	Ci.	Cu. E	6	Ci.-S.	Cu.-N. ENE
19	Calm	Calm	Calm	E	NE	N	18.2	51	78.1	33.2	180.5	3	Ci.	Cu. E	3	Ci.	Cu. E
20	NE	Calm	E	E	E	Calm	35.4	66.8	79.2	24.1	205.5	3	Ci.	Cu. ENE	3	Ci.	Cu. E
21	Calm	Calm	SE	E	Calm	Calm	24.9	46.7	73.4	22.5	167.5	3	Ci.	Cu. E	6	Ci.-S.	Cu. NE
22	Calm	Calm	Calm	E	Calm	Calm	20.7	38	81	26.8	166.5	4	Ci.	Cu. ENE	4	Ci.-S.	Cu. E
23	N	Calm	ENE	ENE	Calm	NW	35.4	63.8	70.6	43.5	213.3	6	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu.-N. NNE
24	N	N	ENE	NE	NE	E	38.3	67.9	73.7	51	230.9	8	Ci.-S.	Cu.-N. ENE	7	Ci.-S.	Cu. E
25	N	Calm	E	W	NNE	Calm	35.9	60	78.8	28.6	203.3	5	A.-Cu.	Cu. E	8	Ci.-S.	Cu.-N. E
26	ENE	N	E	E	Calm	Calm	32.9	77.9	103	38.2	252	2	Ci.	Cu. E	3	Ci.	Cu. E
27	Calm	Calm	ENE	E	E	Calm	19.4	57.1	89.1	26.2	191.8	7	Ci.-S.	Cu. ENE	7	A.-Cu. E	Cu.-N. NE
28	SSW	NNE	NE	NE	Calm	N	37	56.3	77.1	35.1	205.5	9	Ci.-S.	Cu.-N. NE	6	Ci.-S.	Cu. NE
29	N	N	E	E	Calm	Calm	33.8	81	59.2	18.7	192.7	4	Ci.	Cu. ENE	9	Ci.-S.	Cu.-N. ENE
30	Calm	N	N	SE	Calm	Calm	23.4	31.7	28.2	19	102.3	5	Ci.-S.	N.-cf. NE	9	------------	Cu.-N. N
31	W	WSW	SW	WSW	WSW	WSW	42.5?	27.1	31.8	72.9	174.3	9	------------	Cu.-N. NNW	10	------------	Cu.-N. NNW
Mean	------	------	------	------	------	------	26.6	47.8	61.2	29.2	164.8	5.3	------------	------------	6.3	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	5,109.4	----	------------	------------	----	------------	------------

CEBU.

[φ=10° 18′ N ; λ=123° 54′ E ; barometer above sea, 4.5 meters ; gravity correction not applied, —1.84 mm.]

NOVEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	47.63	46.66	48.58	50.07	53.39	55.68	24.6	23.7	26	26.5	25	25	27.6	23	90	96	90	84	91	90	49.5
2	55.57	56.71	57.64	55.88	57.42	58.21	25.3	26.3	28.5	29.5	27.8	25.5	30.9	24.7	84	83	76	70	77	80	------
3	57.26	58.22	59.05	56.67	57.64	58.27	24.8	25.3	29.4	30.4	27	25.1	30.8	24.3	85	88	65	61	77	82	------
4	57.72	58.17	58.73	56.85	57.31	58.77	25	25.5	29	30.5	27.5	25.5	30.9	24	85	85	68	61	77	82	------
5	57.74	58.22	58.80	56.66	57.50	58.75	24.9	25	29.5	29.4	27.5	25	30	24.3	85	87	64	64	73	83	------
6	57.32	58.29	58.86	56.38	57.30	58.61	24.4	25	26.4	30	27	25.9	30.2	23.8	84	87	86	65	78	81	.5
7	58.05	58.18	59.33	57.06	57.90	59.11	25	25.1	28.9	29	26.9	25	30.5	23.9	86	84	65	64	77	87	25.1
8	58	58.37	59.05	56.39	57.35	58.06	24.5	23.3	28	29.8	27.5	25.4	30.2	23	92	89	74	66	73	81	20.8
9	57.62	58.40	58.81	56.04	56.92	57.89	25.2	24	27.5	28.9	26.6	25	29.5	23	90	92	77	70	80	84	.8
10	56.10	56.95	57.09	55.10	57.09	57.89	24	23.5	30	27.4	22.3	22.7	30.3	22	86	85	65	78	92	92	8.4
11	56.49	57.09	57.55	55.20	56.47	57.56	22.3	22.5	28.1	28.4	26.5	24.8	29	21.8	90	87	69	75	84	84	------
12	56.21	56.69	57.09	54.53	55.84	57.11	23.8	22.6	29.3	30	27.5	25	30.7	22.2	86	89	66	67	75	86	------
13	54.44	55.92	56.25	54.18	54.99	56.36	24.8	25.9	27.5	29	25.1	25	29.4	24.1	85	80	75	66	87	82	4.1
14	55.48	56.50	57.68	54.97	55.75	56.99	24.7	23.5	28	28	26.5	25	29.2	23	81	90	76	74	82	85	------
15	56.35	56.84	57.63	55.05	56.09	57.23	24.2	24	29.9	30.3	28	26	31.3	23.3	85	87	67	61	72	79	------
16	56.13	56.42	57.48	56.02	56.32	57.66	25.4	25	28.9	27.5	26	24.5	29.5	23.6	84	82	58	70	81	90	1
17	57.33	57.61	58.49	56.01	57.54	59.04	23.5	22.3	28.4	30	27	25.2	30.6	22	89	93	70	55	80	83	.5
18	58.70	59.01	59.05	56.50	57.65	58.74	24.5	24	29.1	29.9	26.9	24.9	30.5	23.6	88	91	70	67	77	81	------
19	57.45	57.96	58.11	56.46	57.49	57.91	24.5	25	29.3	24	25.5	24.5	29.6	23.3	87	83	72	94	86	89	12.5
20	56.77	57.37	57.39	55.28	56.25	57.12	23.9	23.4	29	29.7	28	26	30.5	23	91	88	66	60	77	83	.5
21	56.06	55.77	56.66	54.94	55.53	56.69	24.7	24.5	28.9	26.6	26	25.4	29.9	24	86	86	73	90	92	85	22.4
22	55.47	55.90	56.49	54.98	56.19	57.89	24.6	25	28.5	28.6	26.8	25.5	30	24.2	88	89	75	75	80	87	3
23	57.27	58.09	59.03	56.09	56.82	58.32	25	25	28.4	28.4	26.2	25.4	29.1	24.5	88	90	71	70	82	87	------
24	57.81	58.25	58.29	56.78	58.46	57.89	25	24.4	29.5	28.6	24.5	24.3	30.1	23	90	88	70	75	92	93	12.2
25	56.64	57.43	58.49	56.04	57.28	58.42	23.5	23.3	25.9	28.4	26	24.8	29	22.4	92	92	85	71	85	88	5.5
26	57.30	57.53	58.68	56.33	56.76	57.96	24.5	23	28.4	29.5	26.6	24.6	30	22.5	92	91	68	59	72	86	.3
27	57.42	57.88	59.04	56.96	57.07	58.08	24.8	24	25.9	26	24.6	24	26.4	23.3	84	89	81	79	88	87	24.9
28	57.49	57.20	57.89	56.15	57.09	57.14	22.8	22.7	25	24.6	23.9	23.6	26	22.2	94	94	92	87	92	93	38.8
29	56.18	57.53	58.52	55.99	56.88	58.47	23.4	23	23	25	24.9	23.9	26	22.6	93	95	94	81	87	90	14.7
30	57.58	57.78	58.83	56.29	57.51	57.88	23.2	23	28.9	29.8	26.5	24.9	30.9	22.3	91	91	63	59	76	83	3.8
Mean	56.59	57.10	57.82	55.73	56.79	57.86	24.4	24.1	28.1	28.5	26.3	24.9	29.6	23.2	87.7	88.4	73	70.6	81.4	85.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	249.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	WNW	SW	SSW	SSW	S	SE	151.6	288.5	208.5	37.3	685.9	10	------	N. W	9	Ci.-S.	Cu.-N. SSW
2	SE	SE	SSW	E	Calm	Calm	45.6	81.3	52.8	17.5	197.2	5	A.-Cu.	Cu. SSE	6	Ci.-S.	Cu. SE
3	Calm	ENE	E	E	Calm	Calm	20.3	71.6	66.4	28.4	186.7	5	Ci.	S.-Cu. ESE	3	Ci.	Cu. E
4	Calm	NE	E	E	NE	NE	25.8	84.5	90.3	37.5	238.1	2	Ci.	Cu. ENE	3	Ci.	Cu. E
5	NE	Calm	E	E	Calm	Calm	31.2	72.3	67.3	23.3	194.1	6	Ci.-S.	Cu. ENE	5	Ci.-S. ESE	Cu. ENE
6	Calm	NE	Calm	NE	Calm	Calm	20.4	45.3	70.7	37.8	174.2	8	Ci.-S.	Cu.-N. NE	6	Ci.-S.	Cu. NE
7	N	N	NE	ENE	Calm	Calm	27.6	55.5	77.4	20.5	181	5	Ci.-S.	Cu. ENE	8	Ci.-S.	Cu.-N. ENE
8	NE	Calm	NE	E	Calm	Calm	28.7	25.1	76.1	26.9	156.8	5	Ci.-S.	Cu. ENE	5	Ci.-S.	Cu. ENE
9	NE	NE	ENE	ENE	NE	Calm	43	28.6	49.5	17.7	138.8	9	Ci.-S.	Cu.-N. E	7	Ci.-S. ESE	Cu.-N. ENE
10	Calm	Calm	ENE	W	N	Calm	22.2	45.3	60.8	22.3	150.6	5	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. N
11	Calm	WSW	E	Calm	WSW	Calm	22.5	44.3	33.4	20.7	120.9	8	Ci.-S. E	Cu.	7	Ci.-S.	Cu.-N. NNW
12	W	W	SE	SE	ENE	Calm	20.7	36.5	57.1	23.1	137.4	4	Ci.	Cu.	4	Ci.	Cu. NW
13	Calm	W	SW	SW	WSW	Calm	28.7	46.8	57.7	28.8	162	8	Ci.-S.	Cu.-N. WNW	9	Ci.-S.	Fr.-N. W
14	Calm	Calm	Calm	SW	Calm	Calm	20.7	22.5	52.3	24.3	119.8	7	A.-Cu. ENE	Cu.-N. SW	7	A.-Cu.	Cu. SW
15	N	Calm	E	E	Calm	Calm	26.6	29.3	50.9	30.1	136.9	6	A.-Cu.	Cu. SSW	3	Ci.	Cu. E
16	N	Calm	ENE	E	Calm	Calm	33.2	52	51.4	26.4	163	5	Ci.-S.	Cu. E	9	------	Cu.-N. NNE
17	Calm	Calm	SE	S	Calm	Calm	24.1	35.8?	45	29.6	134.5	3	Ci.	Cu. E	3	Ci.	Cu.
18	Calm	Calm	SE	E	Calm	Calm	27.4	29.3	76.9	22.6	156.2	3	Ci.	Cu. E	3	Ci.	Cu. E
19	Calm	Calm	SE	Calm	Calm	Calm	24.2	41.8	26.9	21.1	114	6	Ci.-S.	Cu.-N. ENE	9	------	Cu.-N. NE
20	Calm	Calm	E	E	Calm	Calm	17.1	41.3	51	20.1	129.5	6	Ci.-S.	Cu. ENE	4	Ci.	Cu. NNE
21	Calm	Calm	Calm	SE	Calm	Calm	23	26	20	16.3	85.3	8	Ci.-S.	Cu.-N. N	8	Ci.-S.	Cu.-N. NNW
22	Calm	Calm	SW	SW	W	Calm	16.9	63.4	68.4	19.4	168.1	5	Ci.	Cu. WSW	8	Ci.-S.	Cu.-N. SW
23	Calm	Calm	SSE	SW	Calm	Calm	20.1	33	43.3	25.1	121.5	7	Ci.-S.	Cu. SSW	8	Ci.-S. E	Cu. S
24	Calm	Calm	E	E	Calm	Calm	18.8	54.1	56	17.2	146.1	2	Ci.	Cu.	9	------	Cu.-N. NE
25	Calm	Calm	N	ENE	Calm	Calm	24.6	36.1	36.4	26.4	123.5	8	Ci.-S.	Cu.-N. NE	7	A.-Cu.	Cu.-N. ENE
26	E	Calm	E	ENE	Calm	N	24.8	59.2	76.8	42.1	202.9	5	Ci.	Cu.-N. ENE	6	Ci.-S. SE	Cu. E
27	NE	NE	NE	E	Calm	Calm	47.3	61.7	31.3	20.5	160.8	8	A.-Cu.	Cu.-N. ENE	9	------	N. ENE
28	Calm	Calm	Calm	Calm	Calm	Calm	16	30.8?	23	21.2	91	10	------	N. ENE	9	------	N. ENE
29	NW	WSW	NE	NE	Calm	Calm	38.2	57.3	32.5	21	149	10	------	N. NE	9	Ci.-S.	Cu.-N. ENE
30	Calm	Calm	ENE	NE	Calm	Calm	16.1	44	53.8	18.7	132.6	8	Ci.-S.	Cu. ENE	6	Ci.-S. E	Cu. ENE
Mean	------	------	------	------	------	------	30.2	54.8	58.8	24.8	168.6	6.2	------	------	6.5	------	------
Total	------	------	------	------	------	------	------	------	------	------	5,058.4	------	------	------	------	------	------

CEBU.

[ϕ=10° 18′ N ; λ=123° 54′ E ; barometer above sea, 4.5 meters ; gravity correction not applied, —1.84 mm.]

DECEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p .m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.74	57.10	58.72	56.81	57.23	57.81	24.1	23.8	27.4	27.5	26.5	25.4	27.9	23.4	92	91	77	77	83	80	0.3
2	57.24	57.50	57.32	54.79	55.86	55.98	24.9	23.8	29.9	29.1	25.2	24.1	30.8	22.9	79	88	59	60	93	92	29
3	54.11	53.99	55.16	54.01	55.72	57.58	22.7	24	28	27.9	27.6	27.4	28.4	22.1	93	96	74	77	77	76	.8
4	57.50	58.06	58.90	57.79	58.45	60.02	26.6	25	28.9	28.1	26.8	25.7	29.5	24.8	80	87	74	74	82	84	------
5	59.54	59.76	60.60	58.38	59.09	59.77	25.4	25.6	28.3	30	27.9	25.8	30.2	24.7	82	84	74	64	74	83	21.3
6	59.40	59.57	60.41	58.28	58.37	58.76	23.2	23.1	28.5	28	25.8	25.1	29.5	23	92	92	68	72	83	86	------
7	57.82	58.36	58.82	56.51	58.22	58.28	25.5	24.6	25.5	29.5	24	24.8	29.7	23.1	84	87	86	61	91	80	7.2
8	57.34	58.03	59.03	56.81	57.46	58.07	23.5	22.5	29	29	26.8	24.2	29.6	22	89	81	64	63	71	88	------
9	57.25	57.74	58.22	55.95	56.54	57.32	24.6	23.8	29.2	29.9	27.5	25.7	30.3	23.3	87	89	63	54	77	83	.8
10	57.04	57.69	58.60	56.60	57.52	58.42	25	24	29.4	30	27.2	25	30.4	23.8	87	91	68	65	79	85	------
11	57.35	57.82	58.95	56.69	57.71	58.89	24.8	25	29	29	27	24.8	30.2	23.9	85	85	70	68	73	88	7.7
12	57.70	57.88	58.84	56.48	57.62	58.62	24.1	23.4	28.4	28.6	26.4	24.5	29.5	22.9	91	88	72	68	81	92	1.5
13	57.12	57.52	58.28	55.94	56.67	58.34	23.8	25	28.2	28.5	27	25.5	29.9	23.5	91	87	71	69	78	81	------
14	57.02	57.21	58.15	55.74	57.09	58.01	25.2	24.2	29	29.8	27.5	25.5	30	24	83	86	69	69	78	86	------
15	57.16	57.43	58.41	56.38	57.57	59	25	25	28.5	28.5	26.5	26	29.5	24.7	88	88	73	74	83	81	------
16	58.50	58.53	59.54	57.19	58.01	59.06	24.7	24	28	29.5	26.3	23.6	30.2	22.6	89	88	76	61	79	86	------
17	58.13	58.46	59.18	56.68	57.76	58.79	23	23	29.4	29.6	26.5	25	29.7	22.4	87	88	68	69	76	86	20.1
18	58.38	59.22	59.93	57.48	58.79	59.86	24	23.3	28.4	29.4	27	25.3	30	22.5	93	94	71	62	77	84	3
19	58.91	59.07	59.75	57.37	58.40	59.82	23.9	23.6	29	29	26.5	25.5	29.6	23	91	91	64	68	80	81	------
20	58.70	58.93	59.65	57.65	58.24	57.88	24.5	25	27.9	27.5	25.5	24.9	28.6	24.1	86	76	66	63	77	78	------
21	56.68	58.05	58.05	56.12	56.58	57.68	24	24	27.6	27.3	26.9	22.4	29	22	78	80	71	70	71	95	10.7
22	56.29	56.26	57.16	55.08	56.19	56.83	22.9	23	27.6	26.1	25.6	25.1	29	22.2	92	91	76	94	91	94	3
23	56.13	56.33	57.21	54.99	56.04	57.53	24.5	24.2	25.8	25.5	25.6	25.1	27.5	24	91	91	93	95	90	92	26.7
24	56.51	56.79	58.36	56.19	57.49	58.77	25	24.5	28.3	29.4	27.5	25.8	29.9	24.2	92	92	72	68	77	81	------
25	58.52	59.37	60.59	57.78	57.76	59.01	25	24.9	28.2	29	27	25.4	29.5	24.2	88	87	78	72	83	85	6.6
26	58.22	59.27	60.10	57.85	58.83	59.77	25.1	24.7	29	29.6	27.4	25.5	30	24.5	86	87	73	67	80	83	------
27	58.75	59.85	60.95	58.44	59.63	61.06	25	25	28.4	29.5	27.6	25.5	30	24.5	87	88	71	63	76	81	.3
28	60	60.38	61.02	59.17	60.18	61.22	24.7	24.2	28.6	29.9	27	25	30	23.9	84	83	69	58	71	79	------
29	59.67	59.88	60.66	58.08	58.86	59.67	24.1	24.6	28.7	29	24.5	24.9	29.5	23.8	84	86	69	64	92	86	.3
30	58.82	59.37	59.92	58.08	59.37	59.16	24.1	23.5	25	28	26.1	23.5	29	23	89	90	92	69	76	87	1.8
31	58.72	58.98	59.63	57.96	58.89	60.04	24	24	28	28.4	27	24.1	28.6	22.8	84	82	68	66	72	89	5.6
Mean	57.81	58.21	59.04	56.88	57.81	58.74	24.4	24.1	28.2	28.7	26.6	25	29.5	23.4	87.2	87.5	72.2	68.5	79.7	84.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	146.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NE	NE	Calm	Calm	22.8	47.3	23.1	21.2	114.4	6	Ci.-S.	Cu.-N. NE	8	Ci.-S.	Cu.-N. NE
2	N	Calm	NE	NNE	NNE	NNE	23.1	61.7	80.3	83.7	248.8	8	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. NE
3	N	NNE	ENE	ENE	E	ESE	105.1	166.3	184.5	123.6	579.5	9	Ci.-S.	Fr.-N. ENE	9	Ci.-S.	Cu.-N. ESE
4	ESE	Calm	E	ENE	Calm	N	33.7	71.6	86.5	36.1	227.9	6	------------	Cu.-N. ESE	8	Ci.-S.	Cu.-N. ESE
5	Calm	Calm	E	E	Calm	NE	33	65.4	66.8	40.6	205.8	3	Ci.	Cu. E	6	Ci.	Cu. E
6	N	Calm	NE	ENE	NNE	N	23.3	63.5	71.6	36.9	195.3	4	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. NE
7	Calm	Calm	N	ENE	NE	N	17.1	30	82.8	48.2	178.1	8	------------	Cu.-N. NE	4	Ci.	Cu. NE
8	Calm	N	ENE	ENE	Calm	Calm	27.8	61.5	103.5	18.5	211.3	3	Ci.	Cu. NE	3	Ci.	Cu. NE
9	NE	Calm	ENE	E	NE	Calm	28.4	78.1	121	32.2	259.7	3	Ci.	Cu.	3	Ci.	Cu. ENE
10	N	N	E	E	NE	Calm	33.9	48.5	109.7	31.6	223.7	3	Ci.	Cu. ENE	4	Ci.-S.	Cu. ENE
11	Calm	N	NE	ENE	NE	N	27.8	78.8	103.4	48.9	258.9	3	Ci.	Cu. ENE	7	Ci.-S.	Cu. NE
12	N	Calm	E	E	NE	Calm	29.8	52.3	85.9	19	187	4	A.-Cu.	Cu.-N. NE	7	Ci.-S.	Cu.-N. ENE
13	Calm	NNE	ENE	ENE	NE	Calm	21.8	58.2	66.3	29.9	176.2	9	Ci.-S.	Cu.-N. NE	6	Ci.-S.	Cu. ENE
14	Calm	Calm	ENE	E	NE	Calm	21.3	49.9	85.7	26.2	183.1	8	------------	S.-Cu. ENE	4	Ci.	Cu. NE
15	Calm	Calm	NE	ENE	NE	Calm	28	55	74.4	24.8	182.2	8	A.-Cu. E	Cu.-N. NE	7	Ci.-S.	Cu.-N. NE
16	Calm	Calm	SE	ENE	Calm	Calm	20.3	26	39.6	15.9	101.8	7	A.-Cu.	Cu. NE	5	Ci.-S.	Cu.-N. NNE
17	Calm	Calm	ENE	ENE	NE	NE	22.3	63.3	115.4	28.9	229.9	4	Ci.-S.	Cu. NNE	4	Ci.	Cu. NE
18	Calm	Calm	E	ENE	Calm	NE	42.1	48	81	39.7	210.8	8	------------	Cu.-N. NE	8	A.-Cu.	Cu. NE
19	NNE	Calm	ENE	ENE	NE	NE	31.9	55.7	108	43.9	239.5	4	Ci.-S.	Cu. NE	5	Ci.-S.	Cu. NE
20	NE	NNE	NE	NE	Calm	Calm	34.6	65.4	37.1	27.8	164.9	8	Ci.-S.	S.-Cu. NE	9	Ci.-S.	Cu. NE
21	Calm	Calm	SE	S	E	NE	23.8	33.9	37.8	31.9	127.4	9	A.-Cu. E	Cu.-N. N	9	------------	Cu.-N. NNW
22	Calm	Calm	S	SE	Calm	Calm	20.5	36.6	34.4	18.7	110.2	7	------------	Cu.-N. N	8	A.-Cu.	Cu.-N. N
23	W	Calm	S	SW	Calm	Calm	34.6	40.2	33.2	14.9	122.9	9	------------	Cu.-N. NE	9	------------	Cu.-N. SW
24	SW	Calm	E	NE	Calm	Calm	26.8	48.2	------	------	-------	6	Ci.	Cu.-N. S	4	Ci.-S.	Cu. E
25	Calm	Calm	Calm	NE	Calm	Calm	23.6	44.2	57.5	23.8	149.1	8	------------	Cu.-N. E	6	Ci.-S.	Cu. ENE
26	N	N	ENE	E	Calm	NE	36.2	55.7	76.8	34.1	202.8	3	Ci.	Cu. NE	3	Ci.	Cu. E
27	N	Calm	ENE	ENE	ENE	N	35.1	67.9	94	35.6	232.6	3	A.-Cu.	Cu. NE	3	Ci.	Cu. NE
28	NE	Calm	ENE	ENE	NE	NE	35.3	70.8	98.2	33.9	238.2	3	Ci.	Cu. NE	3	Ci.	Cu. ENE
29	NE	NE	ENE	ENE	N	Calm	40.9	76.6	82.9	26.9	227.3	3	Ci.	Cu. ENE	7	Ci.-S.	Cu. ENE
30	Calm	N	NE	NE	NE	Calm	24.3	61.4	72.3	29.6	187.6	7	A.-Cu.	N.-cf. NE	7	Ci.-S.	Cu. NE
31	Calm	N	NE	ENE	NE	Calm	37.3	74	71	29	211.3	7	Ci.-S.	N.-cf. NE	7	Ci.-S.	Cu. ENE
Mean	------	------	------	------	------	------	31.2	59.9	79.5	35.3	206.3	5.8	------------	------------	6.2	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	------	----	------------	------------	----	------------	------------

ILOILO.

[ϕ=10° 42′ N ; λ=122° 34′ E ; barometer above sea, 6 meters ; gravity correction not applied, —1.84 mm.]

JANUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.06	58.25	58.72	57.10	57.83	59.14	24	24.4	29.4	31.4	27.5	24.5	31.5	24	91	90	68	57	66	88	------
2	58.36	58.71	60.10	56.97	58.61	60	23.2	23.9	29	29.5	26.8	24.8	31	23	94	93	69	66	78	90	------
3	59.77	60.18	60.98	59.01	59.77	60.77	24.5	23.7	29	29	27	25	29.9	23.4	92	91	65	68	80	88	0.5
4	60.26	60.48	61.04	58.36	59.86	60.98	24.6	24.4	30	31	28.4	25.4	31.2	24	91	92	71	58	68	88	------
5	60.17	60.43	61.01	58.12	58.77	60.17	24.4	24	29.1	30.1	27.5	24.8	30.9	23.5	91	91	73	57	70	88	4.6
6	58.71	58.74	59.75	57.67	58.17	58.99	24.5	24.4	29	30	27.1	25	30.5	23.6	89	89	63	56	75	87	------
7	57.84	57.69	58.68	56.98	57.22	58.39	24.4	24	26.4	27	26.4	24.2	28.8	23.4	91	92	87	80	77	86	2.3
8	57.99	58.15	58.94	56.29	56.59	57.38	23.5	23.1	27.6	30.2	26.4	25.5	30.5	22.4	91	91	71	66	79	84	------
9	56.48	56.71	58.12	55.97	56.91	58.22	25	24.1	29	29.5	27.4	24.9	30.5	24	88	92	71	66	71	88	------
10	57.36	57.86	58.53	56.02	56.48	57.79	24	23.6	28.5	30.1	26.1	24.7	30.5	23.4	91	91	70	59	83	87	------
11	56.90	56.99	57.50	55.20	55.93	57.09	24.6	24.1	29	30	27.4	25.1	31	23.9	91	91	68	62	71	91	------
12	56.69	56.79	58.01	56.22	56.89	57.94	25	24.1	29.1	29.5	26.6	24.8	30.5	23.9	92	91	69	68	75	89	1.5
13	56.86	56.92	57.67	56.09	56.69	57.25	24	23	28.5	29.5	26.5	24	30	22.6	91	91	67	58	70	86	------
14	56.66	57.04	58.22	56.39	57.03	58.41	24.2	22.6	28	29	26.5	24.4	30.5	22	86	90	67	65	71	81	------
15	58.04	58.11	59.21	57.16	58.21	59.35	24	23.6	27.1	28	26	24.1	28.5	23	83	86	69	70	75	83	------
16	58.79	59.17	59.86	57.62	58.28	59.39	23.5	23	28.4	30.4	26.6	24.2	31	22.6	83	84	68	54	76	90	------
17	58.91	59.12	59.57	57.25	57.98	59.08	23.5	23.5	27.6	29.1	26.2	24.4	30.2	23.1	91	91	70	62	78	89	------
18	58.10	58.20	59.22	57.22	58.02	59.70	24.2	24	27.5	28	25.1	24	29	23.6	90	89	73	74	83	83	.8
19	58.82	58.92	59.91	57.61	58.58	60.02	23.2	23.4	27	29	25.1	24.4	30.5	22.9	90	90	77	71	88	92	3.1
20	59.24	59.71	61.46	58.64	59.61	60.79	24	24	26.1	29.7	27	24.3	30.4	23.4	91	91	91	64	80	92	.8
21	59.56	59.69	60.60	58.46	59.11	60.40	23.8	23.4	29.5	30.5	27	25.2	31.6	23	93	92	69	65	77	85	------
22	59.86	60.22	61.41	58.99	59.52	60.67	23.8	23	28.6	29.1	27	23.5	30.7	22.5	93	92	66	64	73	84	------
23	59.76	60.12	61.47	58.62	59.03	60.51	23	23	28.6	29.5	27	24.7	30.1	22.2	86	85	57	53	70	82	------
24	59.94	59.75	60.91	58.52	59.18	60.77	23.2	22.5	28.6	29.6	27	25	31	22	90	90	63	61	70	79	------
25	59.98	59.80	60.81	58.70	58.74	60.29	23.6	23	29.2	29.3	26.6	24.5	30.3	22.6	90	91	66	66	74	87	------
26	59.84	59.67	60.90	58.93	59.46	60.72	23.6	23.1	27.2	29	26	23.9	30	22.8	90	92	69	64	76	87	------
27	60.30	60.58	61.83	60.06	60.78	62.05	23.2	22.5	26.8	26.6	23.9	22.8	29.4	22.4	90	92	75	80	88	94	7.6
28	60.97	60.83	61.75	59.34	59.37	60.58	22.6	22.5	26.9	26.6	25.6	23.5	29.4	22.2	95	96	74	77	79	90	------
29	59.62	59.71	60.72	58.19	58.62	59.65	23	22.2	27	29.9	26	23.2	30.4	22	91	93	66	53	65	84	------
30	59.39	59.67	60.48	58.31	59.04	60.19	22.5	21.8	27.9	28.5	24.5	23.7	30.1	21.5	87	88	64	67	87	94	.8
31	59.36	59.31	59.86	57.74	58.68	59.50	23.4	23.6	27.6	30	25.2	24	30.5	23	97	95	76	59	85	92	3
Mean	58.79	58.95	59.91	57.67	58.35	59.55	23.8	23.4	28.2	29.3	26.4	24.4	30.3	23	90.3	90.7	70.1	64.2	76.1	87.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	25

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	N	N	NE	E	NE	NE	92.2	106.5	91.7	42.8	333.2	7	A.-Cu. E	Cu.	3	Ci.	Cu.
2	NE	N	NE	NE	NE	NNE	52.1	93.3	114.6	69	329	7	Ci.	Cu.	8	A.-Cu. E	Cu.
3	N	NE	NE	NE	NE	NE	97.9	129.7	120.1	75.4	423.1	6	Ci.	Cu.	9	A.-Cu.	Cu. ENE
4	NE	NE	NE	NE	NE	N	62.3	85.6	101.9	77.7	327.5	9	A.-Cu.	Cu.	4	Ci.	Cu.
5	N	N	NE	NE	NE	NNE	77.5	91.5	125.8	85.3	380.1	8	A.-Cu.	Cu.	2	Ci.	Cu.
6	N	NE	NE	NE	NE	N	89.8	121.8	123.6	84.3	419.5	8	A.-Cu.	Cu. NE	7	Ci.-S.	Cu.
7	N	N	NE	NE	NE	N	84.8	119.6	107.8	81.5	393.7	8	A.-Cu.	Cu. ENE	6	Ci.	Cu.
8	N	N	NE	NE	NE	N	69	99.8	114.1	95.2	378.1	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.
9	N	N	NE	NE	NE	N	78.9	82.4	109.1	80	350.4	6	Ci.	Cu.	9	A.-Cu.	Cu. ESE
10	N	NE	NE	NE	NE	N	92	117.3	119.7	96.9	425.9	7	Ci.-S.	Cu.	8	Ci.	Cu.
11	N	N	NE	NE	NE	N	89.8	117.5	127.4	86.9	421.6	7	Ci.-S.	Cu.	6	Ci.	Cu.
12	N	NNE	NE	NE	NNE	NE	96.9	119.4	112.9	79.1	408.3	8	Ci.-S.	Cu.	9	A.-Cu.	Cu. N
13	N	N	NE	NE	NE	N	95.3	121.7	122.1	62.2	401.3	7	Ci.	Cu.	8	Ci.-S.	Cu.
14	N	NNE	NE	E	NE	N	57.4	88.3	92.8	74.5	313	7	Ci.	Cu.	9	Ci.-S.	Cu.
15	NE	NE	NE	NE	NE	NE	86.3	126.1	127.4	85.5	425.3	8	Ci.-S.	Cu.	9	Ci.-S.	Cu. ENE
16	NE	N	NE	NE	NNE	N	102	123.6	120.2	91.5	437.3	8	Ci.	Cu.	6	Ci.	Cu.
17	NE	NE	NE	NE	NE	NE	96.1	133.6	122	87.2	438.9	3	Ci.-S.	Cu.	7	Ci.-S.	Cu. NE
18	NE	NE	NE	NE	NE	NE	80.3	113.3	130.7	98.2	422.5	9	A.-Cu.	Cu.	8	A.-Cu.	Cu. NE
19	NE	NE	NE	NE	NE	NNE	109.1	107.2	105.6	80.8	402.7	8	A.-Cu.	Cu.	8	A.-Cu.	Cu. NE
20	N	NNE	NNE	E	NE	NE	64.7	62.8	94.4	71.4	293.3	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
21	NE	NNE	NE	ENE	NE	N	74.3	95.5	105.9	69.2	344.9	5	Ci.	Cu.	8	A.-Cu. E	Cu.
22	N	N	NE	E	NE	N	64.2	91.5	134.4	68.6	358.7	6	Ci.-S.	Cu.	8	Ci.-S.	Cu. N
23	NE	N	NE	E	NE	NE	61.4	114.5	130.2	80.8	386.9	4	Ci.	Cu.	8	A.-Cu. E	Cu.
24	NE	NE	NE	E	NE	NE	69.8	105.2	92.8	66.8	334.6	3	Ci.	Cu.	3	Ci.	Cu.
25	E	NE	NE	E	NE	NE	53.7	83.1	107.5	81	325.3	5	Ci.	Cu.	8	A.-Cu.	Cu. N
26	NE	NE	NE	NE	NE	NE	69.7	124.4	112.9	85.8	392.8	3	Ci.	Cu.	8	A.-Cu.	Cu.
27	N	N	N	NE	NE	NE	95	119.9	114.9	79.1	408.9	3	Ci.	Cu.	10	A.-Cu.	Cu.-N.
28	NE	NNE	NE	NE	N	NE	85.8	100.8	114.8	75.6	377	10	Ci.-S.	Cu.	6	Ci.-S.	Cu. NE
29	NE	NE	NE	NE	NE	NE	81	124.9	126.1	83.1	415.1	5	Ci.	Cu.	7	Ci.-S.	Cu.
30	NE	NE	NE	NE	NE	NE	69.2	88	95.2	78.1	330.5	8	A.-Cu.	Cu.	8	A.-Cu.	Cu.
31	N	N	NE	NE	NE	N	69	103.8	137	85.3	395.1	9	Ci.-S.	Cu.	5	Ci.	Cu.
Mean	------	------	------	------	------	------	79.6	106.9	114.7	79.3	380.5	6.8	------	------	7.2	------	------
Total	------	------	------	------	------	------	------	------	------	------	11794.5	----	------	------	----	------	------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6 meters; gravity correction not applied, —1.84 mm.]

FEBRUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.36	59.76	61.06	59.10	60.07	61.50	23.5	23.5	25.5	27.9	24.8	22.6	28.5	22.4	93	92	84	69	86	96	3.8
2	60.85	60.63	61.61	59.83	60.90	62.05	22.8	22.6	24	24.4	23	23	25	22.4	95	95	92	92	96	95	18.7
3	61.02	61.77	62.18	59.59	60.09	60.96	23	23	24.5	26.4	24.1	24	26.4	22.5	91	92	88	77	91	88	11.7
4	60.10	59.81	61.01	58.10	58.68	59.94	23.4	23.2	28	30	26	24.1	30.5	22.9	92	94	70	59	83	91	------
5	59.04	59.04	59.83	57.03	57.98	59.65	23.5	23.4	28.5	30	27	24.6	31.1	22.9	91	91	68	65	80	92	------
6	58.66	58.05	59.11	56.82	57.61	58.82	24	23.9	28.9	30.5	27.9	25.1	30.9	23.5	93	93	68	55	68	87	------
7	58.36	58.74	59.62	56.98	57.42	58.88	24	24.1	28.7	30.6	28	25.2	30.9	23.7	91	91	71	58	71	90	------
8	57.84	57.90	58.62	56.64	56.85	58.01	24.4	23.6	29.5	32.1	28.4	25.6	32.5	23.4	92	95	68	54	75	87	------
9	57.33	57.04	57.76	55.95	56.42	58.17	25	24.4	30	31.5	29	25.8	32	24	92	93	67	51	67	86	------
10	57.90	57.97	58.57	56.53	57.21	58.40	24.2	23.4	29.4	30.2	28.5	25.2	31.9	23	90	92	67	60	70	93	6.9
11	58.24	58.35	59.26	56.76	57.36	58.57	24.2	23.6	29.1	30	27.6	24.5	30.6	23.4	94	95	70	64	70	88	------
12	58.05	57.91	58.72	56.51	57.46	58.82	24	23.1	29.2	29.4	27.6	25	30.6	22.9	91	91	66	57	72	88	------
13	58.21	58.91	59.94	57.34	58.33	59.39	23.6	23.6	29	31.6	27.4	25.6	32.4	23.3	95	94	68	54	77	80	------
14	58.94	59.34	59.85	57.26	58.75	59.87	24.5	24.4	30	30.9	25.2	25.1	31.4	24	87	84	64	60	92	98	1.3
15	59.01	59.50	60.36	57.84	58.31	59.27	23.8	23.7	27.6	29.5	27.5	25.4	30.9	23.4	97	94	76	64	70	84	------
16	58.24	58.54	59.84	57.10	57.67	58.85	24.8	24.7	29.4	29.6	27.6	25.7	31.4	24.2	88	89	70	66	73	91	------
17	57.98	58.24	59.07	56.02	56.91	58.47	24.8	24	29.5	31.1	28.5	25.6	31.9	23.8	93	92	70	59	70	87	------
18	57.65	57.99	59.20	56.85	57.15	58.65	24.4	24.9	30	30.6	28.1	25.6	31.5	24	92	91	65	58	70	88	.8
19	58.34	58.79	60.14	57.99	58.85	60.20	24.2	24	29.4	31.1	28	24.6	31.6	23.7	94	92	69	60	70	95	2
20	59.70	59.96	61.41	59.28	59.04	60.26	24	23.5	28.4	27.6	26.5	24.8	28.8	23.2	93	91	71	73	77	89	------
21	59.93	59.98	60.81	58.86	58.97	60.60	24.4	24.1	27.5	30.4	27.8	24.6	31	23.7	90	91	78	54	62	83	------
22	59.94	59.97	61.28	58.61	58.34	59.94	23.8	22.8	28	29.7	26.5	23	30.2	21.8	85	89	66	54	68	79	------
23	59.62	59.76	60.75	57.84	58.43	59.99	21.6	22.5	29.2	30	27	23.5	31	21.4	90	88	59	53	67	79	------
24	59.23	59.36	60.57	58.33	58.07	59.54	22.2	21	29.4	31.6	27.2	24.6	31.7	20.8	84	86	53	42	61	83	------
25	58.81	58.84	59.62	57.67	57.96	59.48	23.5	23.1	28	29	26.9	25	31	22.5	91	90	66	58	68	71	------
26	58.61	58.85	60.08	58.32	58.22	59.53	24	24	26.6	28.6	26.8	24.6	30	23.4	83	88	83	64	80	87	------
27	58.30	58.70	59.60	57.21	57.60	59.10	24	23.6	28.8	30.4	27.5	25.2	31.3	23.4	91	95	65	62	74	85	.5
28	57.96	57.51	58.72	56.96	57.31	58.38	24	23.5	28.6	29.4	27.3	24.5	30.5	22.9	87	88	66	59	70	82	------
Mean	58.83	58.97	59.95	57.62	58.14	59.47	23.8	23.5	28.4	29.8	27.1	24.7	30.6	23.1	90.9	91.3	70.3	60.7	74.2	87.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	45.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NE	NE	NE	N	N	81.9	108.3	134.7	98.8	423.7	7	Ci.-S.	Cu.	9	A.-Cu.	Cu.
2	NE	NE	NE	NE	NNE	N	103.8	120.9	127.6	97.2	449.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
3	N	NE	NE	NE	NE	NE	103.2	110	116.5	110.5	440.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
4	NE	NE	NE	NE	NNE	NNE	91.5	107.8	120.9	90.1	410.3	6	A.-Cu.	Cu.	7	A.-Cu.	Cu.
5	N	NNE	NE	ENE	N	N	83.7	110	100.8	67.9	362.4	4	Ci.	Cu.	7	A.-Cu. ENE	Cu.
6	NNE	N	NE	NE	NE	N	71.9	97.7	103.2	72.1	344.9	5	Ci.	Cu.	6	Ci.-S.	Cu.
7	N	N	NE	NE	NE	N	75.1	100	109.2	56.9	341.2	5	Ci.-S.	Cu.	8	Ci.-S.	Cu.
8	N	N	NE	NE	NE	N	55.7	81.3	78.1	55.8	270.9	4	Ci.	Cu.	8	A.-Cu. E	Cu.
9	N	NNE	NE	E	NE	NE	41	74	96.9	65.4	277.3	3	------	Cu.	5	Ci.	Cu.
10	N	N	NE	ENE	NE	N	61.5	100	115.4	71.3	348.2	4	Ci.	Cu.	7	Ci.-S.	Cu.
11	NE	NE	NE	E	NE	E	48.8	63.9	100	56	268.7	6	Ci.-S.	Cu.	8	Ci.-S.	Cu.
12	NE	NNE	NE	ENE	NNE	N	52.9	89.9	87.9	64.9	295.6	5	Ci.	Cu.	8	A.-Cu.	Cu.
13	NE	NE	NE	NE	NE	N	56.5	59.2	83.1	45.4	244.2	9	A.-Cu.	Cu.	8	A.-Cu. E	Cu.
14	N	N	NE	NE	NE	NE	63.8	85.5	98.8	45.3	293.4	8	A.-Cu. ENE	Cu.	7	Ci.-S.	Cu.
15	N	NE	E	NE	NE	NE	68.2	75.4	80.5	63	287.1	8	Ci.-S.	Cu.	8	A.-Cu.	Cu.
16	NNE	NNE	NE	E	NE	NE	78.3	94.6	84.7	58.4	316	9	A.-Cu.	Cu.	7	A.-Cu. ENE	Cu.
17	N	N	NE	E	NE	NNE	51.8	79.7	94.1	67.6	293.2	4	Ci.	Cu.	6	Ci.	Cu.
18	N	NNE	NE	NE	NE	N	65.4	95.8	128.5	83.4	373.1	7	A.-Cu.	Cu.	7	A.-Cu. ENE	Cu.
19	N	NNE	NE	NE	E	NE	56.5	73.2	105.4	68.7	303.8	8	A.-Cu.	Cu. ENE	8	Ci.-S.	Cu.
20	N	NE	NE	NE	NE	NE	75.4	105.7	132	85.5	398.6	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.
21	N	NE	NE	NE	NE	NE	93.1	118.6	118.5	69	399.2	2	------	Cu.	9	A.-Cu.	Cu. ENE
22	NE	NE	NE	NE	NE	N	89.9	107.3	121.5	57.6	376.3	3	Ci.	Cu.	1	------	Cu.
23	NE	NE	NE	ENE	E	N	59.3	93.5	135.2	70	358	7	A.-Cu.	Cu.	6	Ci.	Cu. N
24	N	N	NE	NE	NE	N	82.1	97.2	120.5	89.5	389.3	8	A.-Cu.	Cu. NE	2	Ci.	Cu.
25	N	N	NE	NE	NE	N	82.9	115.3	118.6	66.3	383.1	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.
26	N	NNE	NE	NE	N	N	51.5	81.1	96.3	44	272.9	8	Ci.-S.	Cu.	9	A.-Cu.	Cu.
27	N	NNE	NE	NE	NE	NE	60.7	92.8	98.2	65.2	316.9	8	Ci.-S.	Cu.	8	A.-Cu.	Cu.
28	NE	NE	NE	NE	NE	NNE	40.5	103.2	97.9	67.1	308.7	7	Ci.	Cu.	9	A.-Cu.	Cu.
Mean	------	------	------	------	------	------	69.5	94.4	107.3	69.7	341	6.5	------	------	7.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,546.7	------	------	------	------	------	------

ILOILO.

[φ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6 meters; gravity correction not applied, —1.84 mm.]

MARCH, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.76	58.06	59.41	57.26	57.30	58.65	23.5	23	28.6	30.1	27.5	25.6	31.1	22.6	87	92	55	58	60	81	------
2	57.34	56.95	58.08	56.11	56.51	57.67	24.6	24	29.4	30.5	28.5	25.4	31.8	23.4	87	91	66	60	64	86	------
3	56.64	57.55	59.09	56.68	56.81	58.49	24.4	23.5	29.5	32.4	28.1	26.5	32.6	23.3	88	91	64	54	72	76	------
4	58.19	58.49	59.71	57.13	57.64	59.09	24.6	24.5	30.5	32	28.6	25.6	32.5	24.1	87	89	63	47	60	76	------
5	58.36	58.70	60.37	57.84	57.85	59.35	23.8	23.4	29.4	32	28.4	25	32.5	22.9	89	88	66	43	59	77	------
6	58.81	59.29	60.82	58.02	58.38	59.62	23.2	22	29	31.9	28.1	25	32.5	21.8	81	82	68	47	70	86	------
7	58.55	58.66	59.97	57.66	58.32	59.92	24.2	24.1	28	30.3	26.5	24.2	31.9	23.2	90	90	69	60	75	90	3.6
8	58.75	59.09	60.07	57.86	58.73	60.66	23.5	23.6	28.5	27.6	25.4	24.1	29.9	23	92	90	68	79	82	66	1.3
9	59.46	59.93	60.56	58.63	59.33	61.27	23.6	23.4	29.4	30.5	27.5	24.9	31	22.9	90	92	61	56	65	88	2
10	60.54	60.50	61.69	59.79	60.61	61.42	23.2	23.4	29	30.5	27.4	24.8	31.1	22.8	92	90	68	55	70	81	------
11	60.94	60.70	61.50	59.64	60.09	61.47	23.8	23.1	29.4	30.6	27.6	24.5	31.5	22.6	83	89	59	51	62	84	.3
12	61.02	61.26	61.54	59.07	59.31	60.76	23.8	23.3	29.6	30	27.7	25	31	22.9	88	85	62	59	62	73	------
13	59.79	60.12	61.26	59.16	59.56	60.99	23.4	23.1	29	30.2	27.4	24.8	30.5	22.9	80	90	58	54	65	77	------
14	60.14	60.49	61.72	59.94	59.92	61.02	23.8	23.2	27.5	29.5	27.6	24	30.4	22.9	85	87	66	50	58	83	.3
15	59.79	59.94	60.57	58.51	58.61	59.82	23	22.5	27.5	29.5	26.5	24.1	30.5	22.3	90	87	69	54	70	82	------
16	58.46	58.46	58.88	56.97	57.41	57.92	23.2	22.6	28	28.9	26.2	24.5	29.1	22.4	86	89	62	58	73	78	------
17	56.86	56.58	57.71	55.57	56.39	57.65	23.8	24.6	28.5	28	25.1	25	30.1	22.8	83	84	63	74	78	83	.3
18	56.93	57.51	58.61	56.70	57.17	59.07	24.2	23.6	27.2	28.7	26.6	24	29	23.2	88	91	81	66	80	88	6.1
19	57.60	57.89	59.02	56.64	57.57	59.57	23	22.5	28.4	29.6	27	25.1	30.4	22.1	90	87	71	63	77	89	1
20	58.58	59.32	60.33	58.02	59.07	60.55	24.2	22.6	28.2	30.1	26.6	24.8	31.3	22.3	91	95	70	68	84	88	.3
21	59.44	59.45	60.61	57.93	58.70	59.84	24.2	23.4	28.2	29.9	27.6	25.1	32	23	90	93	74	60	69	85	------
22	58.86	59.29	60.40	57.84	59.30	59.50	24.2	23.9	30.2	30	25.5	24.5	32	23.4	88	90	64	61	84	89	------
23	58.61	59.21	60.61	58.16	58.66	59.70	23.2	23.6	29.5	29.6	27.1	25.6	32.2	22.4	93	90	64	68	72	86	------
24	59.34	59.97	60.90	58.27	58.30	60.31	24.6	24	30.4	32.9	30	26.8	33.4	23.4	87	90	66	54	61	76	------
25	60.20	60.69	61.31	59	59.69	62.12	25.4	24.7	30.6	31.6	28.6	24	32.4	23.8	82	90	57	54	66	83	------
26	60.69	61.13	61.95	59.55	59.33	60.56	24.6	23.9	30.5	31	27.6	25.1	32.4	23.5	87	89	60	51	69	79	------
27	59.11	59.36	60.46	57.80	57.95	59.54	24.5	24.6	30.1	30.7	28.5	25.5	32.5	24.1	83	86	62	59	65	86	1.3
28	58.64	58.80	59.94	57.48	57.76	59.30	24.6	23.9	30.4	32	29	25.2	32.3	23.4	87	87	55	49	62	90	------
29	58.09	58.35	59.14	57.24	57.95	58.82	24.5	24.5	30.1	31.7	28	25.6	32.6	24.1	88	88	62	48	70	82	------
30	57.69	57.38	58.64	56.58	57.72	58.24	25	24.5	30.4	31	25.6	25.4	32.1	24	85	88	59	55	85	84	------
31	57.49	57.51	58.68	56.60	57.26	58.25	25.1	24.4	28.6	31	28	25.7	31.5	24	88	89	73	58	70	83	------
Mean	58.80	59.05	60.11	57.86	58.36	59.71	24	23.6	29.1	30.5	27.4	25	31.5	23.1	87.3	89	64.7	57.2	69.6	82.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	16.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	2	NE	1	NE	3	NE	3	NE	1	N	1	5	Ci.-S.	Cu.	8	A.-Cu.	Cu.
2	NE	1	NE	2	NE	3	NE	2	NE	1	N	2	7	Ci.-S.	Cu.	7	Ci.-S. ENE	Cu.
3	N	1	NNE	1	ENE	1	E	2	NE	1	N	1	5	Ci.	Cu.	4	Ci.	Cu.
4	N	1	NNE	1	NE	2	NE	2	NE	1	ENE	1	6	Ci.	Cu.	2	Ci.	Cu.
5	ENE	1	NNE	1	ENE	1	E	2	ENE	1	NE	1	7	Ci.	Cu.	5	Ci.	Cu.
6	N	1	NNE	0	NE	1	E	1	NE	0	NE	1	4	Ci.	Cu.	6	Ci.	Cu.
7	NE	1	NNE	1	NE	2	ENE	3	NE	3	N	2	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.
8	N	2	NNE	1	NE	2	N	2	N	2	N	1	9	A.-Cu.	Cu. NE	9	A.-Cu.	Cu. NE
9	N	1	NNE	1	NE	2	NE	3	NE	3	NE	1	7	Ci.	Cu.	8	Ci.-S.	Cu.
10	N	1	N	2	NE	3	NE	3	NE	1	NE	2	8	Ci.-S.	Cu.	6	Ci.	Cu.
11	NNE	2	NE	1	NE	2	NE	2	NE	2	N	1	8	Ci.-S. E	Cu.	5	Ci.-S.	Cu.
12	NE	1	N	0	NE	1	NE	1	NE	1	NE	2	9	A.-Cu.	Cu.	6	A.-Cu.	Cu.
13	NNE	2	NNE	2	NE	3	NE	3	NE	2	NE	1	8	Ci.-S.	Cu.	8	A.-Cu.	Cu. ENE
14	N	2	N	1	NE	1	ENE	3	N	2	N	1	8	A.-Cu.	Cu. NE	7	Ci.-S.	Cu.
15	N	1	N	1	NE	2	ENE	2	NE	2	NE	1	8	A.-Cu.	Cu.	9	A.-Cu.	Cu. NE
16	N	1	NNE	1	NE	2	NE	1	NE	1	NE	1	8	A.-Cu.	Cu.	8	Ci.-S.	Cu.
17	NE	1	S	1	SW	2	SW	3	NW	1	NE	0	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.
18	ENE	0	NE	0	SW	2	SW	3	SW	1	W	1	7	Ci.-S.	Cu.	8	A.-Cu. SW	Cu.
19	NE	0	Calm	----	SW	1	SW	2	SW	1	SW	1	5	Ci.	Cu.	1	Ci.	Cu.
20	Calm	----	Calm	----	Calm	----	NE	1	E	1	NW	0	7	Ci.-S.	S.-Cu.	9	A.-Cu. ENE	Cu.
21	Calm	----	NW	0	NE	1	E	2	E	1	NE	1	8	Ci.-S.	Cu.	7	Ci.-S.	Cu.
22	N	0	NNE	2	NE	2	E	3	N	1	NE	1	6	A.-Cu.	Cu.	9	A.-Cu.	Cu.
23	NE	1	NE	1	E	1	S	1	W	0	N	1	9	A.-Cu.	Cu.	6	Ci.-S.	Cu.
24	N	1	N	2	E	2	E	2	NE	2	NNE	2	4	Ci.	Cu.	3	Ci.	Cu.
25	N	1	NNE	2	NE	3	NE	3	NE	2	NE	2	4	Ci.	Cu.	6	Ci.-S. NE	Cu.
26	NE	2	NE	2	NE	2	NE	3	NE	2	NE	2	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.
27	NE	2	N	2	NE	2	NE	3	NE	2	NE	1	8	A.-Cu.	Cu. NE	6	A.-Cu.	Cu.
28	NE	1	N	2	NE	3	NE	2	NE	2	N	2	2	Ci.	Cu.	1	------------	Cu.
29	N	1	N	2	NE	3	NE	3	NE	2	NE	2	6	Ci.	Cu.	2	------------	Cu.
30	N	1	N	2	NE	2	NE	2	NE	2	N	2	4	Ci.	Cu.	8	A.-Cu. E	Cu.
31	N	2	N	2	NE	3	NE	2	NE	2	NE	1	8	A.-Cu. E	Cu. NE	10	A.-Cu.	Cu.
Mean	-------	1.1	-------	1.2	-------	1.9	-------	2.3	-------	1.5	-------	1.3	6.7	------------	------------	6.4	------------	------------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6 meters; gravity correction not applied, —1.84 mm.]

APRIL, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.93	58.15	59	57.39	57.71	59.23	25	24.5	30.4	31.6	29.2	25.9	32.7	24.4	88	92	60	48	57	80	------
2	58.54	59.09	59.66	57.32	57.62	59.29	25.2	24.6	30.6	32.1	29.4	26	33	24.4	86	91	58	43	54	82	------
3	58.18	58.44	59.51	57.34	57.93	58.86	25	24.3	29.6	29.9	25.1	24.5	31.5	23.4	83	89	64	66	87	91	3.8
4	57.36	57.40	58.56	56.31	56.52	58.22	24.6	24.1	28.4	30.7	28.1	25.9	31.8	23.6	91	95	79	62	72	83	------
5	57.04	57.83	59.27	57.01	57.25	58.95	25	24.6	28.6	29.5	28.2	26.1	31.6	24.5	90	94	74	66	70	79	.3
6	58.26	58.45	59.67	57.19	57.54	59.02	25	24.5	29	31.4	28.6	25.5	32.5	24.2	87	92	74	60	68	85	.5
7	58.49	58.60	59.40	57.47	57.45	59.37	25	24.3	30.6	32.4	29.5	25.8	33	23.9	88	91	59	45	63	84	.5
8	58.68	58.69	59.84	57.50	57.39	59.19	24.6	24.5	29.9	31	28.7	25.6	32.1	24.4	92	92	60	54	64	84	.3
9	58.04	58.23	59.57	57.27	57.21	59.07	24.8	24.4	30	32.4	29	25.7	32.5	24	85	88	62	47	63	86	------
10	58.03	58.43	59.29	56.82	57.27	58.85	25.2	25	30.5	31.4	27.9	26.1	32.6	24.7	88	88	61	57	73	76	------
11	58	58.33	59.16	57.20	57.46	58.95	24.2	24.1	30.8	31.9	29.5	25.6	32.5	23.4	84	89	59	47	55	83	------
12	58.04	58.14	59.19	57.22	57.39	59.02	24.2	23.9	30.2	31.8	29	24.5	33	23.5	90	89	60	47	55	76	------
13	58.35	58.50	59.53	57.89	58.39	59.78	23.6	23.9	30.4	30.4	29	26.6	31.7	23	76	86	56	52	66	80	------
14	58.80	58.85	59.88	57.92	58.87	60.27	25.8	25.1	29.5	32.1	28.1	26.5	32.8	24.9	84	88	68	49	74	83	.3
15	59.72	59.67	60.61	58.63	59.38	59.91	25.8	25.2	30.6	31.9	29.4	27	33	24.9	84	88	60	51	65	72	------
16	59.12	59.23	59.95	58.29	57.96	59.40	25.6	25.1	30.3	31.3	29.7	26.1	31.8	24.9	81	89	63	52	54	74	------
17	58.64	58.75	59.25	56.91	57.14	59.31	24.4	23.6	30.6	31.5	29.4	26.1	32.6	23.4	83	90	65	52	56	72	------
18	57.74	57.66	57.81	55.55	56.52	58.37	24.1	23	29.9	32.6	28.7	26.7	33.4	22.5	82	92	53	49	75	69	------
19	56.94	56.91	57.96	55.80	56.36	58.04	24	22.7	31	32.6	29	26.6	34.4	22.3	76	82	53	55	74	80	------
20	56.93	57.90	58.36	55.94	56.52	57.94	25	23.5	31.5	32	29.4	26.4	33	23	80	90	51	46	59	70	------
21	57.30	57.51	57.96	55.24	55.72	57.41	24.2	22.5	31	32.1	29.3	26.4	33.4	21.5	75	84	56	48	66	71	5.8
22	56.22	57.05	58.23	56.28	56.52	57.35	25	24.8	25.6	26.1	25.6	23.9	26.5	23.4	80	87	88	80	82	89	6.4
23	56.31	56.68	57.37	56.02	56.29	57.80	24.5	23.9	27.5	26.4	25.5	25.1	29.2	23.5	83	86	70	86	89	91	4.8
24	57.34	57.52	59.42	57.51	58.24	59.42	24.6	25.1	25.6	26.2	26.1	25.2	27.2	24.2	90	82	88	79	84	83	4.7
25	59	59.51	59.83	57.74	58.94	60	23.8	23.1	29.6	30.1	28.5	25.5	31.6	22.8	89	92	59	60	75	91	------
26	59.14	59.16	59.54	57.74	58.16	59.57	24.4	24.1	31	32.6	29.8	27	34	23.9	90	91	62	52	69	81	------
27	59.09	59.21	59.99	57.76	57.51	59.76	25.6	24.5	31	32.6	30.1	26.7	33.4	24.3	85	87	59	48	59	75	------
28	59.22	59.25	60.15	57.57	58.06	59.61	25.6	24.1	31	32.7	29.6	26.4	33.1	23.6	83	89	62	48	64	78	------
29	59.12	59.17	59.88	57.79	58.52	60.41	25.6	25.4	31	32.6	29.7	26.6	33.5	24.5	83	88	60	50	63	83	.8
30	59.32	59.23	60.14	57.98	57.92	59.51	25.6	25	30.5	32	29.6	26.5	32.7	24.6	84	87	65	52	59	76	------
Mean	58.16	58.38	59.27	57.15	57.53	59.06	24.8	24.2	29.9	31.1	28.6	26	32.2	23.8	84.7	88.9	63.6	55	67.1	80.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	28.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	N	-----	-----	-----	-----	-------	5	Ci.-S.	Cu.	3	Ci.	Cu.
2	N	NNE	NE	NE	NE	NE	-----	-----	-----	-----	-------	5	Ci.	Cu.	8	Ci.-S. E	Cu.
3	N	NNE	NE	NE	N	N	-----	-----	-----	-----	-------	6	Ci.-S.	Cu.	9	A.-Cu.	Cu. N
4	N	N	NE	NE	NE	NE	-----	-----	-----	-----	-------	9	Ci.-S.	Cu.	9	A.-Cu.	Cu. E
5	N	N	NE	NE	NE	NE	-----	-----	-----	-----	-------	10	A.-Cu. E	Cu.	9	A.-Cu.	Cu.
6	N	NE	NE	NE	NE	N	-----	-----	-----	-----	-------	10	A.-Cu.	Cu.-N.	3	Ci.	Cu.
7	NNE	NE	NE	NE	NE	N	-----	-----	-----	-----	-------	8	Ci.-S.	Cu.	3	Ci.	Cu.
8	N	N	NE	ENE	NE	NE	65.2	103.8	121.8	74.2	365	5	Ci.	Cu.	8	Ci.-S.	Cu.
9	N	N	NE	NE	NE	N	67.3	94.4	108.3	70.6	340.6	9	A.-Cu.	Cu. NE	8	Ci.-S. NE	Cu.
10	N	N	NE	E	N	N	76.2	95.6	100.8	70.8	343.4	6	Ci.	Cu.	4	Ci.	Cu.
11	NE	N	NE	NE	NE	N	56.1	98.7	124.2	66	345	2	------------	Cu.	6	Ci.	Cu.
12	N	N	NE	NE	NE	N	49.1	84.8	109.1	51.7	294.7	6	Ci.	Cu. NE	2	Ci.	Cu.
13	N	N	NE	NE	NE	NE	72.9	104.4	121.2	67.3	365.8	5	Ci.	Cu.	10	A.-Cu. E	Cu.
14	N	N	NE	E	NE	N	76.6	86.6	118.3	80.7	362.2	8	A.-Cu.	Cu. NE	5	A.-Cu.	Cu.
15	NNE	N	NE	NE	NE	N	59.8	92.2	100.9	64.6	317.5	10	A.-Cu. E	Cu.	8	A.-Cu.	Cu.
16	N	N	NE	NE	NE	N	74	99	105.2	65.5	343.7	5	Ci.	Cu. NE	9	A.-Cu.	Cu.
17	N	NNE	ENE	E	E	E	59	78.4	97.7	26.6	261.7	2	------------	Cu. ENE	1	------------	Cu.
18	E	Calm	E	E	SW	Calm	25.2	56.9	88.3	24.9	195.3	1	------------	Cu.	7	Ci.	Cu.
19	Calm	Calm	NE	S	ENE	NE	12.3	41.3	76.4	55.2	185.2	7	Ci.	Cu.	6	Ci.	Cu.
20	NE	NE	NE	E	ENE	NE	50.7	72.6	111.2	48.1	282.6	7	Ci.-S.	Cu.	8	Ci.	Cu.
21	NE	Calm	NE	E	NE	NE	29.8	69.7	99.3	34.3	233.1	8	Ci.-S.	Cu.	8	Ci.	Cu.
22	NE	NE	Calm	Calm	NE	NE	31.4	27.2	34	34.6	127.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
23	N	NNW	NNW	NW	S	Calm	31.2	47	40.5	28.2	146.9	10	Ci.-S.	N.	10	Ci.-S.	Cu.
24	Calm	WSW	SW	SW	Calm	SW	20.7	83.2	72.2	12.4	188.5	10	------------	N. SW	10	Ci.-S.	Cu.
25	Calm	Calm	S	SW	SW	NE	9.2	31.2	88	41	169.4	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.
26	NE	NE	NE	NE	E	NE	25.9	70.2	85.5	47	228.6	4	Ci.	Cu.	2	Ci.	Cu.
27	N	NE	ENE	ENE	NE	NE	51	75.3	102.7	49.4	278.4	2	Ci.	Cu.	3	Ci.	Cu.
28	N	NNE	E	NE	NE	NE	52.9	95.5	114.9	82.1	345.4	7	Ci.	Cu.	3	Ci.	Cu.
29	N	NNE	ENE	ENE	NE	N	65.8	82.3	97.9	65	311	6	Ci.	Cu.	4	Ci.	Cu.
30	N	N	ENE	NE	NE	NNE	73.8	93.1	101.7	62	330.6	7	Ci.	Cu. NE	7	Ci.	Cu.
Mean	------	------	------	------	------	------	49.4	77.5	96.5	53.1	276.6	6.6	------------	------------	6.3	------------	------------

ILOILO.

[φ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6 meters; gravity correction not applied, −1.84 mm.]

MAY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.92	59.18	59.63	57.08	57.24	58.98	25.4	25.1	31.2	33	29.4	26	33.5	24.9	85	90	61	47	62	85	0.5
2	58.17	58.33	58.91	56.62	57.30	58.91	25	24.8	31.5	31	28.6	25.6	33.1	24.3	87	88	61	62	67	88	------
3	57.88	58.25	58.83	56.17	57.32	58.89	24.6	23.9	30.1	31.3	28.8	26.1	32.1	23.5	93	91	68	61	69	82	------
4	58.14	58.33	58.61	55.95	57.16	58.97	24.8	24.6	31.5	31.3	29	26.1	32.6	24.5	85	86	57	58	72	77	2.8
5	58.12	57.64	58.15	55.94	56.63	57.90	25.2	24.4	30.5	31.5	29.4	27	33.5	24.3	82	88	65	60	62	77	------
6	56.94	57.24	58.01	55.75	56.19	57.46	24.4	23.9	30	32.1	28.5	28.4	32.5	23	82	89	68	63	74	79	------
7	56.62	56.46	57.80	55.91	56.52	57.95	28	28	30.4	30	28.5	28	31.7	27.6	82	81	70	70	78	80	------
8	56.60	56.77	57.60	55.68	55.84	57.52	27.7	27.6	30.5	29.5	28.3	27.6	31.9	26	82	84	72	75	80	84	------
9	56.87	57.05	57.51	55.44	55.72	57.63	27	23.4	30	29.6	28.6	26.5	31	23	87	88	69	74	76	80	------
10	56.98	57.28	57.50	55.86	56.58	57.92	25.5	25.4	29.9	30	27.6	25.6	31	24.9	83	87	69	71	81	87	------
11	57.61	58.21	58.80	55.96	56.51	58.14	24.6	24.3	31.2	32.3	26.6	26	32.9	23.5	91	92	58	59	88	87	9.4
12	57.14	57.93	58.56	56.63	57.12	58.51	25.2	24.1	31	31	28.1	26	33.4	23.8	87	91	63	65	79	85	------
13	58.10	57.96	58.13	55.66	56.56	58	24.2	23.8	30.5	33	27.6	26	33.5	22.8	86	85	65	58	76	82	------
14	57.09	57.76	58.15	55.91	56.56	58.22	24.7	24.1	31.6	33	29	26.1	33.3	23.5	84	86	59	52	73	79	------
15	57.64	58.22	59.11	56.78	57.27	58.72	24.7	23.6	31	30.9	28.9	25.8	33.3	22	82	79	59	66	71	84	------
16	58.16	58.90	59.88	57.58	58.21	59.26	24.6	24.1	30.1	31	29.5	28.4	31.5	23.4	82	89	73	65	68	76	------
17	58.82	59.50	59.79	57.44	57.80	59.07	25.5	23.9	30	30.9	29	28.3	31.6	23.4	84	88	69	67	71	78	------
18	58.68	58.77	59.63	57.89	58.86	59.82	25.1	25	29.8	31.1	28.9	26	31.6	24.3	87	90	67	67	72	81	------
19	59.14	59.30	59.90	57.79	58.96	60.55	25	23.6	31	30.7	29	25.8	32	23.3	85	90	62	65	76	85	------
20	59.76	60.18	60.86	58.59	59.74	61.48	25	24.7	30.7	30.5	28.9	25.6	32	24.4	88	91	60	66	73	84	.8
21	60.57	59.69	60.46	58.45	59.04	60.30	25	24.4	31	30.4	28.5	26.1	32.5	23.8	90	89	57	63	74	83	------
22	59.71	59.79	59.78	57.52	57.72	59.37	24.4	24	31.4	31.6	26.1	25.1	32.4	22.4	88	91	61	59	86	91	59.4
23	58.27	58.09	58.85	57.19	57.67	59.12	24.8	24.1	29.1	29.4	27.6	24	30.8	23.4	90	91	74	71	76	91	22.1
24	58.12	57.50	58.29	56.28	57.61	59.30	25.5	26.1	30	29.6	24.5	25	30.4	24.2	89	90	75	75	96	92	16.5
25	58.42	57.97	58.86	57.63	58.17	59.62	25.4	26	30.1	25.8	25.8	25	30.5	23.6	92	91	73	92	89	92	23.4
26	58.74	58.87	59.03	57.41	57.07	58.47	25.5	26	28.1	28.6	28.1	27	29.8	23.4	93	88	81	81	82	87	21.9
27	57.97	56.85	58.27	56.56	56.92	58.42	26.6	25	29.3	29.9	28.9	28.2	30.5	24.9	84	90	73	76	76	82	40.6
28	58	57.64	57.69	56.20	57.31	58.96	24.4	26.4	29.9	30.1	28.9	28	30.6	23.9	97	91	71	72	75	77	------
29	58.42	58.61	58.90	57.66	58.29	59.40	25.5	24.4	29.6	29.8	28.6	27	30.4	23.9	88	91	77	77	78	86	------
30	59.08	58.89	59.35	57.46	57.91	60.02	25	24.6	29.9	30.6	29.2	23.6	33	22.4	88	92	68	68	79	95	55.9
31	58.60	58.45	58.56	56.62	58.03	59.13	24	24	30.1	29.4	25.4	24.6	32	23.4	90	90	68	75	93	94	18.6
Mean	58.17	58.25	58.82	56.76	57.41	58.90	25.2	24.8	30.4	30.6	28.2	26.3	32	23.9	86.9	88.6	66.9	67.1	76.5	84.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	271.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	ENE	ENE	NE	NE	70.8	97.7	89.8	62.6	320.9	8	Ci.	Cu.	5	Ci.	Cu.
2	N	N	ENE	N	NNE	N	43.7	72.9	62.5	22.7	201.8	9	Ci.-S. NE	Cu.	9	Ci.-S.	Cu.
3	N	Calm	ENE	N	NE	NE	33.8	67.1	71.3	38.4	210.6	9	Ci.-S. ENE	Cu.	9	A.-Cu.	Cu.
4	N	NNE	NE	E	NE	NE	44.6	82.1	117.2	33.8	277.7	8	Ci.-S.	Cu.	7	Ci.	Cu.
5	NE	N	NNE	ENE	SW	SW	28.7	65.2	71.1	24.1	189.1	9	Ci.-S.	Cu.	8	Ci. ENE	Cu.
6	SW	Calm	SW	SW	SW	SW	22.7	63.1	143.4	125.8	355	8	Ci.	Cu.	8	Ci.	Cu.
7	SW	SW	SW	SW	SW	SW	132.8	163.3	151.5	103.2	550.8	8	Ci.-S.	Cu. SW	8	Ci.	Cu.
8	W	SW	SW	SW	SW	SW	56	139.2	170.6	111.5	477.3	7	Ci.	Cu. SW	7	A.-Cu.	Cu.
9	SW	Calm	SW	SW	SW	N	44.3	62.3	124.5	55.8	286.9	7	Ci.	Cu.	8	Ci.-S.	Cu.
10	N	Calm	SW	SW	N	Calm	14.8	51.5	82.7	30	179	5	Ci.	Cu.	7	Ci.-S.	Cu.
11	Calm	Calm	S	SW	S	Calm	12.3	44.5	53.3	14	124.1	6	Ci.	Cu.	8	Ci.-S.	Cu.
12	Calm	Calm	E	WSW	Calm	Calm	9.7	29.2	60	18.7	117.6	9	A.-Cu. E	Cu.	8	Ci.-S.	Cu.
13	Calm	Calm	E	E	Calm	Calm	19.5	52.3	62	20.6	154.4	2	Ci.	Cu.	4	Ci.	Cu.
14	Calm	Calm	E	E	SW	Calm	16.9	56	81.5	17.7	172.1	4	Ci.	Cu.	4	A.-Cu.	Cu.
15	SW	Calm	E	SW	Calm	SW	19.5	47.5	64.7	14	145.7	4	Ci.	Cu.	7	Ci.-S.	Cu.
16	Calm	Calm	SW	SW	SW	SW	12.4	72.6	137.9	92.5	315.4	8	Ci.	Cu.	7	Ci.-S. E	Cu.
17	Calm	NW	SW	SW	SW	SW	29.6	105.4	126.8	69.5	331.3	8	Ci.-S.	Cu. WSW	7	Ci.	Cu.
18	Calm	Calm	SW	SW	SW	Calm	8.5	70.8	144	47.8	271.1	5	Ci.	Cu.	8	Ci.-S.	Cu.
19	Calm	Calm	SW	SW	SW	N	16.9	49.4	131.5	28	225.8	9	Ci.-S.	Cu.	2	------------	Cu.
20	N	Calm	SW	SW	SW	Calm	15.5	42.4	87.2	23.8	168.9	8	A.-Cu.	Cu.	8	Ci.-S.	Cu.
21	Calm	Calm	E	SW	SW	NE	21.4	41.3	61.2	33.6	157.5	9	A.-Cu. E	Cu.	8	Ci.-S.	Cu.
22	Calm	Calm	NE	SW	Calm	Calm	15.9	39.6	55.7	16.1	127.3	9	A.-Cu.	Cu.	8	Ci.-S. E	Cu.
23	NW	Calm	W	SW	SW	W	19.3	40.2	81.5	54.9	195.9	8	Ci.	Cu.	9	Ci.-S.	Cu.
24	SW	Calm	SW	SW	W	W	50.1	68.9	------	------	------	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
25	W	S	SW	SW	SW	SW	------	------	------	------	------	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
26	S	SSE	SW	SW	SW	SW	63.8	81.8	111.5	56.1	313.2	10	Ci.-S.	Cu.-N. SW	8	A.-Cu.	Cu.
27	SW	WSW	WSW	SW	SW	SW	38	69.4	140.5	81.5	329.4	8	Ci.-S.	Cu.	3	Ci.	Cu.
28	SW	SSW	SW	SW	SW	SW	45.6	86.7	141.1	58.2	331.6	8	Ci.-S.	Cu. SW	6	Ci.	Cu.
29	NW	NW	W	SW	SW	Calm	17.5	35.9	78.1	37.5	169	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.
30	Calm	Calm	NW	SW	SW	Calm	18.8	26.9	37.3	36.7	119.7	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
31	E	Calm	NE	SW	SW	Calm	32.7	48.3	53.1	21.1	155.2	8	Ci.	S.-Cu.	9	A.-Cu.	Cu.-N.
Mean	------	------	------	------	------	------	32.5	65.8	96.3	46.6	240.5	7.6	------------	------------	7.3	------------	------------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6 meters; gravity correction not applied, —1.84 mm.]

JUNE, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.19	58.26	58.68	56.79	57.28	58.39	24.5	24.1	29	31	27.1	26	31.6	23.8	94	94	76	60	81	91	0.3
2	57.92	58.07	58.30	56.25	56.20	58.26	25.2	24.6	30.6	33.7	30.6	27	34	24	91	92	59	45	62	80	------
3	57.52	57.68	57.74	55.39	55.80	57.57	25.8	24.7	29.8	32	30	27	32.5	24	82	87	71	57	62	85	42.2
4	57.21	56.83	57.22	55.29	55.51	56.97	24	24.4	29	31.6	29.6	27	32.4	23	93	94	74	62	70	84	------
5	56.55	56.89	58.34	56.57	56.80	58.25	26	25.9	31.4	32.6	30.1	27	33.1	25.4	89	86	62	60	68	80	------
6	58.22	58.65	59.30	57.47	57.85	59.36	26	25	31.1	32.6	29.6	26.3	33.1	24.5	82	88	56	46	62	71	------
7	58.75	58.69	59.14	57.38	57.75	59.27	25	24.6	30.9	32	30	27.5	32.6	24.3	80	82	65	55	59	70	------
8	58.91	58.73	59.30	57.54	57.32	58.77	25.2	24.6	30.5	31	29.1	26.2	32	24.4	77	83	68	63	73	85	------
9	58.34	58.85	58.90	57.02	56.75	58.51	25.5	25	31	32.5	29.9	27.1	33.5	24.4	88	88	63	61	69	79	------
10	58.07	58.74	59.60	57.42	57.98	59.32	26	25.5	30.6	32.9	30.1	26.4	33.1	24.8	80	84	59	56	58	73	------
11	59.05	59.37	59.55	58.26	59.05	60.31	25.2	25.5	30.6	30.4	27.6	25.1	31.5	24.8	82	83	62	63	81	93	5.8
12	59.34	59.79	59.65	57.92	58.60	59.86	25	25	31	32.2	28.5	26.7	32.9	24.4	92	92	60	57	78	83	------
13	58.15	58.45	58.46	56.69	57.12	58.61	25.6	25.5	30.6	31	29.6	26.5	32.6	24.4	85	88	65	60	72	83	------
14	58.05	58.67	59.20	57.07	56.98	58.66	25.8	25.6	31.4	33.3	29.6	27.6	33.6	25.3	84	88	61	52	71	80	10.7
15	57.99	58.37	58.97	56.78	57.05	58.41	25.8	25.5	30.5	32.5	30.5	27	33.5	25	89	87	60	51	63	79	1.3
16	57.67	57.55	58.24	56.60	57.24	58.22	26.4	25.9	30.7	31.9	29.8	26.9	33.5	25.5	83	88	67	55	63	80	------
17	57.88	57.97	58.62	56.19	57.10	58.04	26	25.2	30.8	32	29	26.4	32.6	24.7	82	87	60	57	71	82	------
18	57.52	57.20	58.26	56.18	56.54	58.17	25.8	26	31	32.4	30.7	27.2	33	25.2	86	85	61	53	59	80	------
19	57.59	57.54	58.66	57.34	58.19	58.95	26	25.5	28.9	25	24	25.4	30	23.4	87	88	76	92	96	88	14
20	58.08	58.23	58.58	56.55	57	58.72	24.6	24	28	28.6	27.5	25.6	30.6	23.4	92	92	74	72	78	90	.3
21	58.15	58.47	58.03	56.10	57.27	59.02	25.5	24.8	28.4	31.4	26.5	24.5	32	23.9	88	93	71	55	84	91	5.8
22	58.34	58.16	58.47	56.29	56.55	57.89	24.4	24.4	30.1	30.4	28.6	25.9	31.6	23.8	91	90	69	68	76	89	2.8
23	57.05	56.95	57.16	55.45	56.05	57.94	25	24.6	30	29.4	25	25.4	31.6	24.1	92	96	70	72	95	92	10.9
24	56.74	56.79	56.90	55.25	56.50	57.50	24.5	24.3	29.5	27.1	27.1	24	32.1	23.8	94	95	74	79	87	95	.3
25	56.70	57	57.57	56.37	56.65	58.04	24	24.6	28.4	29	26.1	25.5	29.6	23.7	93	91	77	74	90	93	.3
26	57.12	57.55	57.88	56.72	56.67	57.95	24.8	24.5	26.6	28.1	26.6	25.6	28.8	23.9	92	95	83	77	80	87	1.8
27	57.55	57.45	58.41	56.24	56.88	58.88	25.2	24.5	28.5	29.4	27.9	24	30.5	23.6	89	92	78	69	74	95	8.6
28	57.87	58.25	58.66	57.21	57.21	58.63	24.2	24.5	28	28.5	27.6	26	29.5	23.9	97	94	73	72	77	85	3
29	57.83	58.34	58.80	56.81	57.50	58.62	24.2	24	28	28.5	27.5	25.7	29.9	23.9	90	95	77	73	81	83	1
30	57.89	58.41	58.38	56.89	57.45	58.55	24.8	23.7	27.9	27.9	27.5	24	29.7	23.4	89	92	78	77	75	92	1.3
Mean	57.87	58.06	58.50	56.67	57.09	58.52	25.2	24.9	29.8	30.7	28.4	26.1	31.9	24.2	87.8	89.6	68.3	63.1	73.8	84.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	110.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SW	SW	SSW	NE	13.5	28.8	76.9	20.3	139.5	8	Ci.-S.	Cu.	4	Ci.	Cu.
2	Calm	Calm	NE	NE	NE	E	7	34.9	52.5	29.6	124	2	Ci.	Cu.	2	Ci.	Cu.
3	Calm	NE	NE	E	NE	NE	21.4	63.9	85	46.1	216.4	8	Ci.-S.	Cu.	7	Ci.	Cu.
4	W	N	NE	ENE	NE	N	37.8	70.8	86.7	58.5	253.8	9	Ci.-S.	S.-Cu.	7	Ci.	Cu.
5	N	NNE	NE	ENE	NNE	NE	54.2	78.7	80	51	263.9	7	Ci.	Cu.	8	Ci.-S. E	Cu.
6	NE	N	NE	NE	NE	ENE	47.2	84.3	95.6	28.5	255.6	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.
7	Calm	NE	ENE	ENE	NE	NE	22.4	------	------	------	------	7	Ci.	Cu.	8	A.-Cu.	Cu.
8	ENE	NE	ENE	ENE	ENE	NE	31.7	61.8	108.1	49.1	250.7	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.
9	N	N	E	NE	NE	NE	39.9	61.8	67.8	43.8	213.3	8	Ci.-S.	S.-Cu.	6	Ci.	Cu. ENE
10	N	N	E	ENE	NE	NE	52.6	85	86.9	38.3	262.8	2	------------	Cu.	1	------------	Cu.
11	NE	N	E	NE	NE	N	46.4	90.9	78.1	40.4	255.8	9	A.-Cu.	Cu. E	9	Ci.-S.	Cu.
12	N	N	NE	ENE	N	N	36.4	51.8	96.9	56.1	241.2	7	Ci.	Cu.	8	Ci.-S.	Cu.
13	N	N	NE	ENE	N	N	65	78.3	92.8	58.5	294.6	8	Ci.-S.	Cu. NE	7	Ci.	Cu.
14	N	N	ENE	ENE	NE	NE	51.5	56.5	85.9	57.6	251.5	1	------------	Cu.	2	Ci.	Cu.
15	N	N	E	E	ENE	NE	56.6	88.3	116.4	50.1	311.4	4	Ci.	Cu.	2	Ci.	Cu.
16	N	N	NE	ENE	NE	NE	56.6	83.7	99.6	51.7	291.6	7	Ci.	Cu.	8	Ci.-S.	Cu.
17	NE	NE	ENE	E	N	N	41.6	78.7	112	62.6	294.9	9	Ci.-S.	Cu.	9	Ci.-S.	Cu. E
18	N	N	ENE	NE	NE	N	69	85.8	89.5	66.3	310.6	9	A.-Cu.	S.-Cu.	8	Ci.-S.	Cu. E
19	N	N	SE	W	W	SE	45.1	52.8	60.4	25.5	183.8	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
20	Calm	Calm	NW	WSW	SW	Calm	15.5	24.9	52.8	18.2	111.4	10	Ci.-S.	S.-Cu.	9	A.-Cu.	Cu.
21	E	E	WSW	ENE	SW	NW	24.7	34	67.8	38.9	165.4	9	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
22	N	N	NE	N	NNE	N	44.9	64.7	78.3	51.2	239.1	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.
23	N	N	N	E	Calm	Calm	37.7	44.9	53.4	15.9	151.9	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
24	Calm	Calm	N	S	SW	N	11.8	25.9	68.1	33.5	139.3	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
25	Calm	NW	SW	WSW	S	Calm	18	60.6	84.3	16.4	179.3	8	Ci.-S.	Cu.	8	A.-Cu.	Cu.
26	Calm	W	W	SW	SW	Calm	18.8	56.8	117.5	33.7	226.8	8	Ci.-S.	Cu.	10	A.-Cu.	Cu.
27	Calm	SW	SW	SW	SW	W	12.6	50.5	118.5	69	250.6	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.
28	Calm	W	W	W	SW	Calm	32.8	95.2	90.7	21.4	240.1	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
29	W	Calm	W	SW	W	Calm	17.5	60.2	67	28.4	173.1	10	Ci.-S.	Cu.	9	Ci.	Cu.
30	Calm	W	SW	W	SW	Calm	36.5	47	88.3	27.2	199	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	35.6	62.1	84.8	41	223.8	7.6	------------	------------	7.3	------------	------------

ILOILO.

[ϕ=10° 42′ N ; λ=122° 34′ E ; barometer above sea, 6 meters ; gravity correction not applied, —1.84 mm.]

JULY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.90	57.45	58.19	56.57	57.77	58.78	24	23.8	28.7	28.7	25.5	25	30	23.4	91	93	73	73	84	90	------
2	57.84	58	58.64	57.75	57.94	59.54	25	23.9	28.6	28.2	27	24.5	29.6	23.4	90	95	73	76	80	85	------
3	57.33	58.35	58.67	57.51	57.61	59.26	26.5	25.5	29.4	29.5	28.1	26.8	30.4	24.7	73	87	74	71	74	83	------
4	58.25	57.72	58.62	57.39	58.04	59.49	26	25.8	29	29.6	28.1	26.6	30.5	24.8	87	85	74	70	76	86	------
5	59.15	59.53	60.45	58.48	59.62	61.88	25.6	24.5	29.4	29.9	28.7	24	31	23.4	88	92	72	73	66	91	3.8
6	60.56	60.63	60.87	58.82	59.51	61.37	24	23.1	29.5	31.5	26.6	26.1	32.5	22.5	90	95	68	55	76	86	------
7	60.46	60.37	60.59	58.74	59.89	61.05	25	24.4	29.7	31	26.6	24.6	33	23.4	88	89	63	57	77	94	4.1
8	60.54	59.88	61.30	59.44	59.22	60.30	25.1	24.1	24.6	28.1	27.4	26.1	28.9	22.6	90	92	89	72	77	84	21.8
9	59.64	59.28	59.55	58.10	58.30	59.70	24.4	24.4	28.6	29.5	28.1	27.1	30.4	23.3	87	87	76	70	73	75	------
10	59.29	59.23	59.63	58.01	57.99	59.05	26.5	24.6	29	29.6	28.1	27.3	30.5	23.7	79	86	74	67	72	76	------
11	58.64	58.78	59.40	57.73	58	59.40	25.2	23.1	29	30	28.4	27.5	30.8	22.8	86	90	68	65	71	77	------
12	58.70	58.87	59.20	57.21	57.10	58.40	27.2	24.2	28.5	29.5	28	27.5	29.7	23.9	78	86	71	67	71	73	------
13	57.75	57.63	57.54	55.76	56.06	57.37	25.8	24.1	28.6	29.4	28.2	25.4	29.6	23.5	81	86	71	72	72	80	------
14	56.34	56.04	56.52	55.34	55.50	56.71	24.5	27	28.6	27.1	27	26	29.5	23.8	84	80	73	78	79	84	------
15	56.42	57.10	57.65	55.86	56.71	57.72	26.5	26.1	28.4	29.3	28.4	27.5	30.1	25.4	83	82	68	72	70	76	------
16	57.32	57.55	58.21	56.70	57.29	58.18	25.6	26	29.9	30	28.1	26.9	30.5	24.4	84	88	66	65	77	81	------
17	57.52	58.27	58.93	57.65	57.89	59.13	26	26	29.5	29.9	28.4	27.1	30.3	25.3	87	85	73	71	73	83	------
18	58.39	58.60	59.29	57.27	56.72	57.98	24.8	23.5	30.3	32	30	26.5	33.4	22.9	89	88	57	54	56	84	------
19	56.99	57.55	57.45	55.53	56.07	57.63	25.5	25.1	31	33.4	29.2	25.4	33.6	24.4	84	88	59	43	72	84	------
20	56.57	57.24	57.05	55.92	57.18	59.28	25.2	25	30.4	32.5	27	26.4	34.1	23.5	82	87	66	60	74	86	7.1
21	58.91	59.04	59.13	57.75	58.22	60.20	24.6	25.1	31.4	32.5	30.1	26	33.5	23.4	92	91	63	49	62	84	.3
22	59.20	58.51	58.83	57.12	57.54	58.92	24.4	25.1	31.1	32.5	30.2	27	32.8	23.9	87	91	62	61	67	82	------
23	57.22	57.17	57.43	55.79	56.49	57.27	25.5	25.8	30	27	25.5	25	33.5	24.7	88	89	72	89	88	88	2.3
24	56.28	56.23	57.07	55.33	55.69	57.25	24.8	24.8	28.6	29	28.4	25.4	30	24.1	92	94	77	74	75	89	.5
25	56.04	56.01	56.78	55.55	56.60	58.02	24.2	24	30	30.5	26.4	25	32.6	23.4	90	91	62	69	82	87	------
26	57.34	57.25	57.76	56.46	57.53	58.14	24.4	23.7	30	29.2	26.9	25.8	31.1	23.4	89	94	67	72	79	86	------
27	57.81	58.61	58.61	56.93	57.11	58.49	24.4	23.5	29.5	30	28.8	26.4	31	22.5	87	91	64	69	75	84	------
28	57.75	57.80	58.06	56.50	56.84	58.06	25.8	26	29.4	30.6	28.6	28	31.1	24	84	83	74	68	76	78	------
29	57.19	57.05	57.69	56.41	57.07	57.93	27	26.3	29.1	29	27.8	26.5	30.4	25.3	86	82	77	71	74	80	14.5
30	57.76	57.74	58.61	57.06	57.72	58.95	23.5	25.2	29	29.7	28	28	31	23.3	87	88	71	71	74	81	.8
31	58.12	58.98	59.93	57.74	58.17	59.47	27	24.2	26.6	28.3	27.5	27	29.5	23.9	86	90	81	74	73	80	1.8
Mean	58.04	58.14	58.63	57.05	57.53	58.87	25.3	24.8	29.2	29.9	27.9	26.3	31.1	23.8	86.1	88.5	70.3	67.7	74	83.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	57

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SW	SW	W	W	11.9	51.7	106.2	18.3	188.1	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
2	Calm	Calm	SW	SW	SW	Calm	19.6	81.5	144	18.2	263.3	8	Ci.-S.	Cu.	9	A.-Cu.	Cu. W
3	SW	SW	SW	SW	SW	Calm	61.5	53.7	124.1	51.2	290.5	10	Ci.-S.	Cu. SW	8	Ci.-S.	Cu.
4	SW	S	SW	SW	SW	SW	67.8	87.9	116.7	49.7	322.1	9	A.-Cu.	S.-Cu.	5	Ci.	Cu.
5	SW	Calm	Calm	SW	SW	NE	9	35.4	72.2	32	148.6	4	Ci.	Cu.	7	Ci.-S.	Cu.
6	NE	NE	NE	E	NW	Calm	15.8	36.7	63.6	15.6	131.7	6	Ci.	Cu.	5	Ci.-S.	Cu.
7	NE	N	N	E	W	Calm	26.9	25.2	56.5	34.3	142.9	8	Ci.	Cu.	9	Ci.-S.	Cu.
8	Calm	W	W	SW	SW	SW	18.3	39.4	85.5	42.8	186	10	Ci.-S.	Cu.	5	Ci.-S.	Cu.
9	Calm	Calm	SW	SW	SW	SW	13.5	91.7	133.9	84.3	323.4	7	Ci.	Cu. SW	1	------------	Cu.
10	SW	SW	SW	SW	SW	W	41.2	105.1	145.9	83.9	376.1	5	Ci.	Cu.	6	Ci.	Cu.
11	SW	Calm	SW	SW	SW	SW	34	82.9	145.3	80.3	342.5	8	Ci.	Cu.	8	Ci.-S.	Cu.
12	SW	W	SW	SW	WSW	W	59.5	76.1	152.1	63.3	351	9	Ci.	Cu. SW	9	Ci.	Cu.
13	W	Calm	SW	SW	SW	Calm	16.9	91.9	146.7	20.1	275.6	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
14	Calm	SW	SW	WSW	SW	SW	46.9	135	134.2	90.9	407	8	Ci.	Cu.	9	Ci.-S.	Cu.
15	W	SW	SW	W	W	W	78.4	96.1	128.4	86.6	389.5	10	Ci.-S.	Cu.	9	Ci.-S.	Cu. SW
16	W	W	W	SW	SW	SW	22.2	96.3	119.4	42.8	280.7	9	Ci.-S.	Cu.	7	Ci.	Cu.
17	Calm	Calm	SW	SW	SW	Calm	12.9	47.7	99.3	34.3	194.2	9	Ci.-S.	Cu. SW	9	Ci.	Cu.
18	Calm	Calm	NW	E	NE	N	9.8	27.4	74.8	53.9	165.9	8	Ci.-S.	Cu.	7	Ci.	Cu.
19	NE	N	ENE	NE	NE	N	36.2	82.4	116.2	60.2	295	7	Ci.	Cu.	1	Ci.	Cu.
20	N	N	NNE	S	Calm	NW	53.7	54.7	48.1	23.9	180.4	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. SE
21	Calm	NE	NE	E	NE	NE	19.5	52.8	100.8	61.4	234.5	8	Ci.	Cu.	3	Ci.	Cu.
22	N	N	NE	NE	E	N	61.8	89.3	78.7	52.5	282.3	9	Ci.-S.	Cu. E	5	Ci.	Cu.
23	N	N	E	W	N	NNW	35.2	48.8	52.6	16.9	153.5	8	Ci.	Cu.	9	A.-Cu. E	Cu.-N.
24	Calm	Calm	Calm	SW	SW	W	13.4	35.4	83.4	25.9	158.1	10	A.-Cu.	Cu.	9	A.-Cu.	Cu.
25	Calm	NNW	E	SW	Calm	Calm	16.4	38.1	62.8	20.4	137.7	8	Ci.	Cu. E	9	A.-Cu.	Cu.
26	Calm	Calm	E	ESE	Calm	Calm	15	35.6	53.7	4.8	109.1	8	Ci.	Cu.	9	Ci.-S.	Cu.-N.
27	NW	Calm	SW	SW	SW	Calm	13.9	35.6	95.3	28.2	173	8	A.-Cu. E	Cu.	7	Ci.-S.	Cu.
28	Calm	SW	WSW	SW	SW	SW	14	81.9	126.3	73.4	295.6	8	Ci.-S.	Cu.	9	A.-Cu.	Cu.
29	SW	WSW	WSW	W	W	W	59.5	100.8	109.9	48.6	318.8	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.
30	W	W	S	SW	SW	S	69	69.4	116.5	61.5	316.4	8	Ci.	Cu.	9	A.-Cu.	Cu.
31	S	S	S	SW	SW	SW	45.4	93.9	128.1	49.1	316.5	10	A.-Cu.	Cu.-N. SW	9	A.-Cu.	Cu.
Mean	------	------	------	------	------	------	32.9	67.1	103.9	46.1	250	8.3	------------	------------	7.3	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	7,750	----	------------	------------	----	------------	------------

ILOILO.

[ϕ=10° 42′ N ; λ=122° 34′ E ; barometer above sea, 6 meters ; gravity correction not applied, —1.84 mm.]

AUGUST, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.42	57.92	58.69	56.67	57.35	58.92	25.5	26.6	28.6	28.8	28.1	27.2	30.5	24.4	86	76	72	73	77	79	------
2	57.70	57.50	57.91	56.23	56.87	58.28	24.2	24	28.4	29.4	27	26.7	29.7	23.1	90	91	78	72	76	82	------
3	57.32	57.10	57.96	56.50	57.42	58.47	25.4	25.6	29	29.3	26	25.1	30.4	24.5	85	90	71	73	84	90	0.3
4	58.44	57.74	58.32	56.77	57.11	58.79	24.8	25.7	28.8	29.4	27.5	25.4	30.3	24	83	80	69	70	76	85	------
5	58.14	58.21	59.01	57.46	57.53	58.74	25.2	24	27.6	29	27	26.9	29.5	23.8	85	91	77	74	84	81	------
6	58.04	58.26	58.71	57.47	57.77	59.21	24.1	23.5	28.8	28.5	25.5	24.4	31	23.3	90	90	76	78	84	89	------
7	58.09	57.92	58.39	56.76	57.04	58.56	23.6	23.1	29	29.8	28.4	27.9	30.5	22.4	94	90	75	69	75	75	------
8	58.53	57.69	59.16	56.92	56.85	58.57	27	26.6	27.6	28.9	27.6	27.1	29.6	25.5	80	83	81	68	77	72	.3
9	57.99	57.93	58.39	57.35	57.98	59.14	26.8	26.5	29.4	29.4	26.1	25.6	30.9	24.9	78	79	72	68	79	87	8.1
10	58.42	58.45	58.69	57.09	57.22	58.87	25.8	25.6	28.6	29.2	28.4	26.4	30	23.8	84	83	67	74	73	86	10.4
11	58.19	58	58.62	57.11	57.85	58.82	25.6	25	28.9	29.6	27.6	27.1	30.1	24.5	90	92	78	77	77	82	15.7
12	58.79	59.03	59.84	57.64	57.82	58.94	25.5	25.6	28.1	28.8	28.4	25.4	29.6	24.4	83	86	77	71	72	80	------
13	57.84	57.94	58.09	56.24	56.92	57.89	24	23.6	28.6	29.1	25.6	26.5	30.2	23.5	88	85	73	73	80	80	------
14	56.95	57.10	57.94	56.19	57.22	58.13	26	24	28.8	29.2	26.6	27	30.5	23.4	82	91	75	73	86	76	1.5
15	57.74	58.28	58.83	56.79	57.12	58.52	25.6	25	27.2	29	27.9	27	30.9	24	79	82	77	68	64	73	.5
16	58.24	58.22	59.01	56.41	56.30	58.04	24.8	23.1	27.9	29.2	28.1	26.1	30.5	22.7	82	88	78	70	73	85	------
17	57.37	57.51	58	56.21	56.62	58.54	25	24.1	30.4	28.9	28.9	26.2	31.4	23.3	85	89	66	69	75	83	------
18	58	57.64	58.41	56.12	56.59	58.49	24.8	23.8	30.1	33	29.1	26.1	34.2	23.6	83	91	59	52	71	86	.8
19	57.62	57.33	58.35	56.36	56.63	58.37	25.2	24.4	30.1	33	30	25.9	33.5	24.3	88	85	65	44	59	76	------
20	57.44	57.18	57.80	55.72	57.54	59.12	24.6	24.9	30.7	30.6	25.4	24.4	33.5	23.5	80	82	65	59	86	83	17.8
21	57.91	58.13	58.47	56.65	57.97	59.70	23.6	23.8	27.5	29.1	27.6	24.6	30	23.1	86	86	79	68	77	86	10.4
22	58.64	58.71	59.72	57.14	58.87	59.02	23.2	23.9	28	29.5	26	24	30.1	22.8	84	86	76	65	85	97	2.6
23	58.21	58.10	58.49	56.92	56.77	57.99	24	23	29.7	27.7	26	26	31.8	22.7	87	87	71	71	81	87	12.7
24	57.24	57.39	57.51	55.74	56.44	57.61	25	24	28.8	29.1	26.1	24.6	30.1	23.4	91	88	75	74	78	86	------
25	56.70	56.14	56.37	55.34	56.39	57.76	24	23.1	29.6	30.1	28.4	25.5	31.1	23	85	89	66	68	77	86	------
26	57.07	56.36	57.02	55.34	56.50	57.57	24.8	24	29.5	30.5	29.3	25	31.1	23.9	85	87	72	67	72	82	.3
27	57.14	57.39	57.97	56.71	56.87	58.24	25	24	30	29.5	28.5	25.6	32.5	23.1	85	86	71	74	81	82	5.8
28	58.08	58.25	58.54	56.42	57.44	58.78	24.6	24	29.1	30.4	28.6	26	31.4	23.8	86	88	74	68	72	84	------
29	58.21	57.95	58.82	56.74	56.81	58.80	25	26.5	28.5	30	28.9	28	30.8	24	83	82	75	67	68	74	4.8
30	57.87	57.92	58.71	56.92	57.39	58.81	27.5	25.4	27.5	28.5	28.1	27.1	29 8	24.4	76	80	78	73	75	81	2.3
31	57.59	57.28	58.28	56.55	56.75	58.07	26.4	24	25.4	27.9	24.9	25.9	28.6	22.8	82	90	87	74	81	84	50.3
Mean	57.87	57.76	58.39	56.60	57.16	58.54	25.1	24.5	28.7	29.5	27.5	26	30.8	23.7	84.7	86.2	73.4	69.2	76.6	82.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	144.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	SW	SW	SW	SW	SW	54.7	82.1	120.9	47.5	305.2	8	Ci.	Cu.	9	Ci.-S.	Cu.
2	Calm	Calm	SW	SW	SW	SW	11.5	79.7	111.6	92	294.8	9	A.-Cu.	Cu.	9	A.-Cu.	Cu.
3	SW	S	SW	SW	SW	SW	55.5	88.5	109.2	81.8	335	6	Ci.	Cu.	9	A.-Cu.	Cu. SW
4	W	SW	SW	SW	SW	Calm	91.1	95.2	114.9	18	319.2	10	A.-Cu.	Cu.	6	A.-Cu. E	Cu.
5	Calm	Calm	SW	SW	SW	SW	16.6	55.8	104.8	66.6	243.8	9	Ci.-S.	Cu.	9	A.-Cu.	Cu.
6	Calm	SW	SW	SW	Calm	Calm	14.2	49.9	94.1	16.6	174.8	8	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
7	Calm	Calm	SW	SW	WSW	WSW	15.3	61.4	138.4	99.8	314.9	8	Ci.-S. E	Cu.	9	Ci.-S. E	Cu. SW
8	SW	W	S	SW	SW	SW	85.3	100	132	101.9	419.2	9	A.-Cu.	Cu.	9	A.-Cu. E	Cu.
9	SW	SW	SW	SW	WSW	SW	75	84	129	66	354	9	A.-Cu.	Cu.	9	A.-Cu.	Cu.
10	S	W	S	SW	SW	SW	52.1	96.4	121.8	69	339.3	10	Ci.-S.	CU.-N. WSW	8	Ci.	Cu.
11	W	Calm	W	SW	W	SW	18.5	72.6	120.1	66.2	277.4	10	A.-Cu.	Cu.-N.	9	A.-Cu.	Cu.
12	S	S	W	SW	W	Calm	33.8	115.9	132.3	30.8	312.8	8	Ci.-S.	Cu.	9	Ci.	Cu.
13	Calm	SW	S	SW	SW	SW	18.8	127.1	163.8	108.6	418.3	8	A.-Cu.	Cu. SW	6	A.-Cu.	Cu.
14	SW	Calm	SW	SW	W	SW	46.1	102.4	123.4	80.5	352.4	5	Ci.	Cu. SW	8	Ci.-S.	Cu.
15	SW	SW	SW	SW	SW	SW	113.5	85.1	126.9	89.8	415.3	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
16	Calm	Calm	SW	SW	SW	Calm	19.6	33.3	105.4	56.8	215.1	9	Ci.-S.	S.-Cu.	9	A.-Cu.	Cu.
17	Calm	Calm	SE	SW	SW	Calm	10	39.6	73.8	25.4	148.8	8	A.-Cu.	Cu.	8	Ci.-S.	Cu.
18	Calm	Calm	W	E	SE	Calm	12.7	32.7	52.8	20.6	118.8	6	Ci.-S.	Cu.	8	A.-Cu.	Cu.
19	Calm	NE	E	ENE	NE	NE	15.3	44.9	95.2	44.9	200.3	2	Ci.	Cu.	3	Ci.	Cu.
20	Calm	NE	E	NE	Calm	N	24.7	57.7	77.9	34.3	194.6	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
21	Calm	Calm	Calm	SW	SW	SW	14.7	18.8	67.6	18.2	119.3	10	A.-Cu.	Cu.	9	Ci.-S.	Cu.
22	NE	Calm	W	SW	N	Calm	24.4	42.8	72.4	27.7	167.3	10	Ci.-S.	Cu.	5	Ci.	Cu.
23	Calm	NE	NE	N	Calm	Calm	18.7	39.4	47.3	13.7	119.1	9	Ci.-S.	Cu.	10	A.-Cu.	Cu.
24	Calm	Calm	W	SW	N	Calm	11.8	42.3	84.5	13.1	151.7	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.
25	Calm	N	W	SW	SW	Calm	12.3	38.3	77.7	32.2	160.5	9	Ci.-S.	Cu.	9	A.-Cu.	Cu.
26	Calm	Calm	SW	SW	SW	Calm	11	42.4	78.1	28.8	160.3	5	Ci.	Cu.	8	Ci.	Cu.
27	Calm	Calm	NE	SW	NE	Calm	10.2	35.6	55.2	18.7	119.7	2	Ci.	Cu.	9	Ci.-S.	Cu.
28	Calm	Calm	SW	SW	N	Calm	14.8	47.3	88.5	18.8	169.4	7	Ci.	Cu.	9	Ci.-S.	Cu.
29	Calm	SW	SW	SW	SW	SW	35.9	125.8	154.3	104	420	8	Ci.-S.	Cu.	9	Ci.-S. E	Cu.
30	SW	SW	SW	SW	SW	SW	106.8	108.6	148.9	70.2	434.5	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
31	SW	W	SW	W	SW	SW	65.5	69.4	97.1	32.7	264.7	10	A.-Cu.	Cu.-N.	10	A.-Cu. E	Cu. SW
Mean	------	------	------	------	------	------	35.8	68.2	103.9	51.5	259.4	8	------------	------------	8.4	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	8,040.5	----	------------	------------	----	------------	------------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6 meters; gravity correction not applied, —1.84 mm.]

SEPTEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.82	56.83	57.88	55.80	56.53	58.07	26	26.6	27	29	28.1	27.9	29.6	23.1	73	83	83	75	77	79	9.2
2	57.27	57.46	57.60	56.30	56.64	58.06	27.5	25.8	29.5	29.5	28.1	28	30.5	25	84	84	74	76	79	80	4.1
3	57.07	57.14	57.72	56.27	56.35	57.78	27.8	26.3	29.2	28.5	28.1	27	30.5	24.3	82	88	76	80	76	75	44.9
4	57	57.08	57.51	55.89	56.06	57.32	24.2	25.2	28.1	29.5	27.6	27.5	29.8	22.5	86	85	74	75	80	84	4.6
5	56.19	56.29	57.62	56.65	56.51	57.65	26	26.1	27.7	24.8	26.4	26	28.1	23.5	87	88	76	87	86	85	10
6	56.92	56.58	57.02	55.50	55.98	57.11	25.6	25.1	29.1	29.6	27.5	27.4	30.4	24.9	88	94	74	77	76	75	5.8
7	56.72	56.48	57.49	55.96	56.24	57.82	25.5	23.5	28.6	29.1	28.2	27.9	30	23.4	79	89	78	71	77	77	
8	57.49	57.73	58.56	56.51	57.85	59.74	26.2	24.5	28.1	29.4	28.1	23.8	29.9	23.4	83	92	80	68	80	93	45.7
9	58.64	58.63	59.65	57.08	58.43	59.37	24.1	24	27.3	30.5	25.5	24.6	31.1	23.8	94	91	82	65	84	92	.3
10	58.41	58.55	59.48	57.71	57.67	59.57	24	23.6	26.2	29.5	26.3	26	30	23.4	90	93	84	70	86	84	1.5
11	58.38	57.84	59.95	57.59	57.99	59.18	25	24.7	27.8	29.1	28	·26	29.6	24.3	88	89	82	71	76	89	
12	58.72	59.14	59.37	57.38	58.73	59.93	25.5	24.9	28.8	29.8	23.9	24	31	23.4	88	87	71	63	90	90	4.8
13	59	58.72	59.44	56.85	58.55	59.91	23.8	23.5	28.8	28.2	23.1	23.2	31	22.3	90	91	71	76	99	97	37.4
14	58.76	58.81	59.12	57.16	57.84	59.54	23	22.9	27.8	27.6	26	24	29.4	22.5	98	97	68	76	84	91	23.8
15	58.56	58.55	58.96	56.62	58.04	58.89	24.2	24	27	28	22.8	24.3	29.4	22	94	92	80	74	94	93	38.7
16	57.85	57.75	58.60	56.76	57.73	59.38	24	23.5	27.1	27.1	26.8	24.1	28.1	22.8	90	95	81	81	78	91	30.5
17	58.44	58.45	60.11	58.68	59.28	61.35	24	24.1	28	29	27.1	25.6	29.6	23.8	91	94	77	71	78	90	.8
18	60.49	60.08	60.70	58.73	59.25	60.79	24.2	23.5	28.9	31	27.5	25.8	32	23.4	97	92	76	62	74	81	
19	59.44	59.77	60.21	57.52	58.54	59.54	24.8	24.5	30	31	23.5	24	31.9	22.9	87	92	68	63	92	91	6.6
20	58.30	57.96	58.55	56.96	57.83	58.49	24	23.4	29	25.7	24.8	24.5	30.5	22.9	91	92	68	87	93	92	17.5
21	58.30	58.09	58.69	57.47	57.84	59.46	24	23.6	26.1	24.3	24.4	25	27	23	91	94	86	94	93	90	13.1
22	58.76	59.26	59.64	57.29	58.11	59.77	23.8	22.5	28.5	30	28.5	25.5	31	22.3	91	96	70	69	70	88	1.3
23	59.12	58.78	59.35	57	58.20	58.67	24.8	24.6	30	31.4	25.2	24.4	33	23.7	89	92	71	64	90	89	2.5
24	57.64	57.40	57.64	55.26	55.79	57.27	23.8	23.1	28.9	29.6	28.5	27	30.5	22.9	93	95	78	74	75	78	
25	56.38	56.89	57.04	55.04	56.30	57.74	26	24.2	29.1	30.1	25.1	25	30.5	23.9	87	91	74	74	83	90	1
26	56.74	57.23	57.60	55.92	56.41	58.04	24.6	23.9	28.6	26	25.5	25.6	30.5	23.5	93	92	76	81	88	92	.5
27	57.19	57.24	58.02	55.50	56.17	57.47	26.2	24.4	27.6	27.5	25.9	25.2	28.9	23.9	81	92	76	81	81	89	30.5
28	56.83	56.69	57.65	55.34	55.84	56.82	24.4	24.5	25.4	25.6	25.5	25	27.8	22.5	93	92	90	90	88	87	40.1
29	55.32	55.99	57	55.39	56.06	57.37	25.5	24.1	25.5	25.5	26.2	26.1	27.6	23.4	91	99	84	89	82	84	38.9
30	56.79	57.31	58.40	57.45	58.36	59.75	23.5	24.9	28.3	28.5	27.7	25	29	22.8	91	84	79	74	79	93	18.3
Mean	57.78	57.82	58.55	56.65	57.37	58.73	24.9	24.3	28.1	28.5	26.3	25.5	29.9	23.3	88.7	91.2	76.9	75.3	82.9	87	
Total																					432.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	SW	W	SW	SW	SW	48.5	78.9	96.8	63.8	288	10	Ci.-S.	Cu.-N.	10	A.-Cu.	Cu.
2	SW	SW	SW	SW	SW	SW	61.8	89	135.5	71.8	358.1	10	A.-Cu.	Cu.-N.	10	A.-Cu.	Cu. SW
3	SW	SW	SW	SW	SW	SW	74.3	96.8	127.3	95.5	393.9	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
4	S	SW	SW	SW	SE	SW	64.7	115.9	111	79.4	371	10	Ci.-S.	Cu.	9	A.-Cu.	Cu.
5	S	S	SW	WSW	SW	SW	50.7	66.2	75.3	29.3	221.5	10	Ci.-S.	Cu. SW	10	Ci.-S.	Cu.
6	Calm	Calm	SW	SW	SW	SW	12.1	52.6	115.1	74.3	254.1	10	Ci.-S.	Cu.	8	A.-Cu.	Cu. SW
7	W	S	SW	SW	SW	SW	43.8	56.6	116.1	57.1	273.6	10	A.-Cu.	Cu.	9	Ci.-S.	Cu.
8	W	Calm	SW	SW	SW	NW	22.7	44	74.5	35.4	176.6	9	Ci.	Cu.	10	Ci.-S.	Cu.
9	Calm	Calm	NW	E	N	Calm	13.1	25.1	37.2	13.4	88.8	10	A.-Cu.	Cu.	8	Ci.-S.	Cu.
10	Calm	N	Calm	E	SE	Calm	17.4	42.3	39.2	22.5	121.4	10	A.-Cu.	Cu.	10	A.-Cu.	Cu.
11	Calm	SW	SW	SW	SW	Calm	12.7	38.3	61	18.7	130.7	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
12	SW	N	Calm	SW	N	Calm	33.7	45.4	68.1	19	166.2	10	Ci.-S.	Cu.-N.	9	A.-Cu. E	Cu.
13	N	NE	E	W	N	Calm	25.1	34.4	54.9	17.9	132.3	7	Ci.	Cu.	10	Ci.-S.	Cu.
14	Calm	Calm	E	W	N	S	12.9	26.2	45.1	26	110.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
15	W	SW	SW	SW	N	Calm	24.1	63.1	80.5	25.9	193.6	10		N.	10	A.-Cu.	Cu.
16	S	SW	S	W	SW	Calm	26.9	52.3	95.6	33.2	208	10		N.	9	Ci.-S.	Cu.
17	Calm	Calm	SE	SW	SW	S	22.8	32.8	61	28.2	144.8	9	Ci.	Cu.	9	Ci.-S.	Cu.
18	Calm	Calm	E	E	NW	Calm	19.1	40.4	53.7	23.3	136.5	6	Ci.	Cu.	8	Ci.-S.	Cu.
19	N	NE	NE	E	N	N	26.6	46.1	65	19.1	156.8	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
20	NE	Calm	NE	NW	N	N	21.2	26.6	48	17.7	113.5	9	A.-Cu.	Cu.	10	Ci.-S.	Cu.-N.
21	SW	W	W	W	Calm	Calm	53.9	58.5	48.6	19.9	180.9	10	Ci.-S.	Cu.-N.	10		N.
22	Calm	S	SE	SW	Calm	Calm	11.3	25.1	49.7	19.5	105.6	3	Ci.	Cu.	2	Ci.	Cu.
23	Calm	N	NE	SW	Calm	Calm	17.9	33.5	44.8	14.5	110.7	8	A.-Cu. E	Cu.	9	A.-Cu.	Cu. N
24	Calm	Calm	SW	SW	SW	SW	12.3	41.8	79.1	20.1	153.3	10	A.-Cu.	Cu.	9	Ci.-S.	Cu.
25	Calm	Calm	SW	SW	Calm	Calm	15	28	69.5	22.2	134.7	8	Ci.	Cu.	9	Ci.-S.	Cu.
26	Calm	N	W	NE	Calm	E	22.4	29	32.8	16.6	100.8	9	Ci.	Cu.	10	Ci.-S.	Cu.
27	W	Calm	SW	WSW	WSW	W	38.4	92.2	131.2	85.6	347.4	10	Ci.-S.	Cu.	10	A.-Cu.	Cu. SW
28	SW	WSW	WSW	WSW	SW	S	143.8	166.8	171.1	121.8	603.2	10	Ci.-S.	Cu.-N.	10		N.
29	SW	SW	SW	SW	SW	S	150.2	166.8	169.6	110.7	597.3	10		N.	10	Ci.-S.	Cu.-N. sw
30	Calm	SW	SW	SW	W	Calm	69.2	123.1	137.3	40.8	370.4	10	Ci.	Cu.	10	A.-Cu.	Cu. SW
Mean							39	61.3	83.2	41.4	224.8	9.2			9.2		
Total											6,744.2						

ILOILO.

[φ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6 meters; gravity correction not applied, —1.84 mm.]

OCTOBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.04	59.23	59.61	57.74	58.75	59.57	24.8	25.4	29	28.5	28	27.5	29.5	24.2	93	92	78	78	81	78	0.3
2	58.63	58.78	59.91	58.34	58	58.85	27.4	26.5	27	26.8	25.4	24.9	27.6	24.5	80	80	76	74	81	88	8.6
3	58.54	58.20	59.40	57.91	58.22	59.40	23.8	23.6	27.1	26.6	25.9	25.6	27.5	22.7	89	91	76	83	81	83	------
4	58.88	58.98	60.16	58.52	58.72	60.24	25.2	25.4	28	28.6	27.4	24.8	29.1	24.2	82	84	74	73	78	92	------
5	59.79	60.09	60.29	58.09	58.55	59.91	24	23.4	29.1	29.5	27.6	26.5	31.5	22.9	93	93	68	75	79	85	------
6	59.22	59.13	59.24	56.84	57.69	59.19	25.2	24.4	29.5	29.6	27.7	25.8	31.9	24	90	92	71	73	90	90	4.8
7	58.54	58.40	59.06	57.10	58.23	59.74	25	24.1	29	29.6	24.5	24.6	30.5	23.4	92	95	78	73	90	92	3
8	59.06	59.12	59.94	58.11	58.67	59.55	23.8	26	28	29	27.5	27.5	29.5	23.4	93	87	80	71	77	77	------
9	59.22	59.25	60.21	57.66	58.57	59.99	26.8	26.9	28.6	29.4	27.5	24	29.6	23.8	80	78	73	72	81	88	------
10	59.14	59.11	59.60	57.79	59.03	60.28	24.4	23.5	28.6	28	26.4	23.8	29.8	23.4	90	96	74	80	86	97	16.8
11	59.11	59.55	60.50	58.25	59.79	60.33	23.6	23.4	28.1	29	24	24.4	30.4	22.9	95	97	77	71	90	93	.8
12	59.60	59.36	60.49	58.65	59.67	60.72	24.2	23.6	29	27.8	25	24.6	30.4	23.3	93	95	71	76	90	91	1.8
13	59.34	59.57	59.99	57.34	59	60	23.8	23.3	29.4	31	28.4	25.5	31.7	22.7	93	94	69	57	78	88	------
14	59.48	60.08	60.54	57.82	59.47	60.68	24.8	24.4	28.5	30.4	26.4	24.5	32	23	90	92	75	63	85	92	31.2
15	59.92	59.87	61.19	59.55	60.03	61.02	24.5	24	29	26.1	25.4	24.6	30.3	23	91	91	74	76	90	95	------
16	59.97	59.81	60.39	57.52	59.49	60.57	24.2	23.5	29.1	31.4	26.1	25.5	31.9	23.3	94	92	71	57	80	92	------
17	59.87	59.99	60.87	58.43	59.17	60.54	24.5	23.6	29.6	31	27.6	25	32	23.4	94	95	70	65	81	92	------
18	59.69	60.38	61.63	59.56	60.07	60.97	24.5	24	27	29.6	26.4	25	29.9	23.8	91	92	81	72	85	88	------
19	60.24	59.93	60.72	58.66	59	59.95	24.8	24	29.5	31.6	27	25.5	31.6	23.5	87	88	68	62	83	88	4.1
20	59.34	59.55	60.31	57.69	58.41	59.53	24.8	24.4	30	31.1	28.6	25.7	32	23.9	87	89	65	61	70	86	.5
21	58.84	59.19	59.86	57.70	58.44	59.87	25	24.1	30.1	31.1	28.6	25.8	31.6	23.8	90	94	68	59	69	85	------
22	58.98	59.45	60.31	57.46	58.79	59.07	25	24.5	29.6	31.5	25.6	25.9	32.1	23.9	88	92	70	60	88	88	1.5
23	58.38	58.74	59.74	57.24	57.73	58.63	25.6	25	30	31	27.5	25.7	32.5	24.5	90	92	75	65	78	90	6.1
24	57.66	57.91	59.31	56.84	57.86	59.34	24.4	24.1	29.4	31.4	28	26	32.1	23.9	93	94	70	61	81	87	------
25	59.38	59.66	60.39	58.03	58.56	60.11	25	24.1	29.5	30.6	28.5	25.6	31.2	23.9	87	91	72	62	74	89	------
26	59.31	59.87	59.95	57.14	58.11	59.34	25.2	24.9	30	31.1	28.2	25.6	31.7	24.7	86	88	65	56	76	91	2
27	58.43	58.49	59.56	56.99	58.07	59.38	25.2	25	29.8	31.5	28.1	26.3	32.5	24.5	90	88	69	54	72	83	31.7
28	58.61	58.55	58.93	56.47	57.51	58.58	24.2	22.9	26.4	29.5	26.8	25.5	29.9	22.7	91	97	82	72	84	91	1.8
29	57.64	57.84	59.27	56.39	57.84	58.87	24.8	24.9	29.5	31.4	28.8	25.6	31.6	24.5	95	92	79	58	76	88	------
30	57.49	58.13	58.20	55.85	56.11	56.43	25.2	25	30	25.3	26	25.6	31.2	23.9	90	91	69	93	91	90	16.7
31	55.18	55.08	55.19	53.49	54.11	54.57	25	24.9	28.9	26.7	24.2	24.6	30	23.8	93	95	76	86	99	96	37.8
Mean	58.92	59.07	59.83	57.59	58.44	59.52	24.8	24.4	28.9	29.5	26.9	25.4	30.8	23.7	90	91.2	73	69	82.1	88.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	169.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	W	SW	SW	SW	W	27.4	83.5	122.9	74.5	308.3	4	Ci.	Cu.	9	Ci.-S.	Cu.
2	SW	SW	SW	SW	S	S	59.8	120.2	92.5	47.7	320.2	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.
3	SW	SW	SW	SW	SW	SW	36.5	106.7	129	93.1	365.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
4	SW	SW	SW	SW	SE	Calm	76.1	91.9	106.5	35.7	310.2	10	A.-Cu.	Cu.	10	Ci.-S.	Cu.
5	Calm	Calm	NW	SW	SW	NW	9.2	25.1	63.4	24.4	122.1	2	Ci.	S.-Cu.	1	Ci.	Cu.
6	Calm	Calm	NW	SW	Calm	Calm	9.4	23.6	60.2	12.6	105.8	8	Ci.	Cu.	1	------------	Cu.
7	Calm	Calm	W	SW	SW	Calm	14.2	43.5	93.5	12.1	163.3	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
8	E	W	SW	SW	SW	SW	22.7	122.3	130.4	113	388.4	10	Ci.-S.	S.-Cu.	9	Ci.-S. E	Cu.
9	W	W	W	WSW	WSW	Calm	54.5	47	80.3	40.7	222.5	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
10	N	N	N	ESE	Calm	E	18.3	28	43.3	33	122.6	10	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.
11	Calm	Calm	Calm	SW	Calm	N	13.5	23.8	50.2	16.9	104.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
12	N	Calm	N	NW	Calm	NE	15.8	32.5	39.7	44.8	132.8	9	Ci.-S.	Cu.	10	A.-Cu.	Cu.
13	NE	NE	NE	E	E	Calm	20.7	52.1	68.2	15.3	156.3	3	Ci.	Cu.	2	------------	Cu.
14	Calm	Calm	E	ESE	NE	Calm	16.4	34.3	46.4	33.3	130.4	9	A.-Cu.	Cu.	9	Ci.-S.	Cu.
15	Calm	Calm	E	N	Calm	Calm	16.4	38.4	36.7	22.5	114	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
16	Calm	Calm	N	E	Calm	Calm	18	35.2	47.8	15.5	116.5	8	A.-Cu.	S.-Cu.	5	Ci.	Cu.
17	Calm	Calm	NE	NE	NE	NE	20.4	35.7	60.7	45.7	162.5	9	Ci.-S.	Cu.	9	Ci.-S.	Cu. NE
18	NE	NE	N	N	NE	NE	35.2	61	62.5	61	219.7	9	Ci.-S.	Cu.	9	Ci.-S.	Cu. N
19	NE	NE	NE	E	N	NE	61.4	79.4	74.8	58.5	274.1	6	Ci.	Cu.	6	Ci.	Cu. N
20	NE	N	NE	NE	NE	N	46.5	77.7	73.2	48.1	245.5	5	Ci.	Cu.	4	Ci.	Cu.
21	NE	NE	E	E	E	NE	47.3	73	88.3	60	268.6	7	A.-Cu.	Cu.	7	A.-Cu. E	Cu.
22	N	NE	NE	E	N	N	41	46.7	60.6	41.8	190.1	5	Ci.	Cu.	8	Ci.-S.	Cu.
23	NE	NE	NE	NE	NE	N	51.8	72.6	73.8	67.1	265.3	9	Ci.-S.	Cu.	10	A.-Cu.	Cu. N
24	NE	N	NE	ENE	N	NE	68.1	80.8	81.6	56.5	287	10	Ci.-S.	Cu.	6	Ci.-S.	Cu.
25	NE	N	NE	E	E	NE	37.6	73.5	76.9	62.8	250.8	9	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.
26	N	NE	NE	ENE	NE	NE	63.4	93.9	103.8	54.9	316	7	Ci.-S.	Cu. NE	1	------------	Cu.
27	NE	N	N	NNE	NE	NE	54.1	82.1	72.9	40	249.1	7	Ci.	Cu.	9	Ci.-S.	Cu. NE
28	N	N	N	N	N	N	35.7	96.4	100.1	81.1	313.3	10	------------	N.	9	A.-Cu.	Cu. NE
29	N	N	NE	E	NE	N	64.6	79.4	90.6	63	297.6	9	Ci.-S.	Cu.	5	Ci.	Cu.
30	N	NE	N	Calm	N	N	47.7	74.6	40.2	14.3	176.8	9	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.-N.
31	Calm	Calm	NW	W	Calm	N	11.9	27	39.2	22.7	100.8	9	Ci.-S.	Cu.	10	------------	N.
Mean	------	------	------	------	------	------	36	63.3	74.5	45.6	219.4	8	------------	------------	7.5	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	6,800.3	----	------------	------------	----	------------	------------

ILOILO.

[φ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6 meters; gravity correction not applied, −1.84 mm.]

NOVEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	52.02	50.95	49.63	41.40	48.32	53.51	25	25.1	24.6	24.8	25.4	24.5	26.8	23	95	83	82	92	87	89	128.6
2	54.16	55.83	57.69	56.53	57.95	58.53	24.2	24	26.8	26.5	25.5	24.6	27.1	23.4	91	96	78	84	87	93	1
3	57.80	58.46	59.36	57.25	57.71	58.84	24	23.6	30.5	31	28	26	32	23.4	96	95	72	63	78	91	------
4	57.81	58.15	59.19	57	57.87	59.59	25	24.9	30.1	31.4	28.3	24	31.5	23.4	93	92	68	52	75	93	5.3
5	58.11	58.49	59.37	57.19	57.88	59.29	24.8	24.6	29.1	28.6	26.6	25	30.6	23.5	92	92	71	74	86	90	.8
6	58.26	58.49	59.32	57.24	57.75	59.08	24.5	24.9	27.6	26.6	25.9	25.1	28.2	24.3	94	92	80	83	88	89	16.2
7	58.21	58.59	59.67	57.01	58.21	59.29	24.5	24.6	29.9	30.1	28	25.6	31.4	24.3	92	93	71	62	74	91	------
8	58.56	58.78	59.21	56.53	57.50	58.49	24.6	25	30.5	31.4	28.8	26.4	31.6	24.3	93	92	67	57	69	86	------
9	58.14	58.44	59.31	56.56	57.45	58.68	25.4	24.6	28.7	29.5	25.4	25	30	24.4	88	91	76	68	85	88	4.3
10	57.18	57.49	57.92	55.81	56.94	58.14	24.6	24	29	27.1	25.5	25.6	30.5	23.8	90	91	71	76	87	91	------
11	56.79	57.11	57.88	55.44	56.75	58.18	24.6	22.6	27.6	30.1	27.5	24.1	30.4	22.4	91	91	77	62	81	99	32.5
12	56.74	57.25	57.87	55.31	56.42	57.67	23.6	23	28.5	29.4	27.6	25.6	30	22.8	98	96	77	67	83	88	------
13	56.21	56.78	57.34	54.51	55.43	56.50	24.2	24	26.9	27	27	25.6	27.9	23.5	94	92	85	84	88	88	2.1
14	55.12	55.98	57	54.76	55.81	57.33	25.2	25.4	28.4	29	27.5	26.6	30.4	24.4	83	85	75	74	81	87	------
15	56.79	56.93	57.94	55.45	56.05	57.92	25.6	24	29.1	29.5	27.6	25.7	30.5	23.8	88	92	68	70	81	87	------
16	56.78	56.66	57.70	56.14	56.36	58.12	25	24	29.5	29.4	26.4	24.9	30.4	23.8	93	97	72	67	81	87	3.6
17	57.34	57.26	58.53	56.52	57.55	59.28	24.4	23.6	28	29	27.1	24.5	29.9	23.5	91	96	74	72	80	94	------
18	58.74	59.36	59.44	56.67	58.05	59.40	23.8	23.6	29	31.1	24.7	24.3	31.4	23.4	96	90	71	59	97	97	100.3
19	58.07	58.36	58.88	56.95	57.68	58.34	23.8	23.5	29	24.7	24.9	24.5	29.6	23.1	97	97	72	94	92	95	9.9
20	57.30	57.36	57.87	56.13	56.80	57.87	24.2	23.6	29	26.5	26	25.1	30.5	23.4	94	95	75	88	88	93	4.3
21	56.71	56.83	57.58	55.53	56.34	57.27	24.6	24.5	28	28.2	25.5	25.1	29.6	24.3	93	94	79	82	93	92	13.7
22	56.38	56.35	56.70	55.14	56.50	57.99	24.6	25	28.5	28.4	26.6	25.9	29.5	24.4	95	95	77	76	90	91	3.5
23	57.52	57.94	58.75	56.66	56.80	58.47	25.1	24.4	28.5	28.4	26.8	25.9	29.6	24	92	93	74	79	83	85	31.2
24	58.18	57.98	58.67	56.81	58.37	58.43	23.5	23.6	29.1	28.5	26.5	24	31	23.4	94	96	74	74	88	96	27
25	57.60	57.65	58.48	56.71	57.43	58.28	24.2	24	28	26.1	26.6	25.1	28.6	23.8	93	95	80	83	87	90	6.9
26	57.41	58	58.71	56.49	57.08	58.22	24.6	24.3	29.3	30	27.1	25	30.1	24	90	90	69	62	79	90	9.4
27	57.76	58.16	59.06	56.82	57.43	58.44	23.8	23.9	25.9	28.6	24.5	23.9	30	23.3	95	93	85	71	91	92	38.9
28	57.97	57.90	58.78	56.60	57.17	57.63	23.5	23.5	26	26.5	24.5	24.4	27.5	22.9	94	93	89	84	80	95	19
29	57.30	57.94	57.65	56.30	56.75	58.54	22.8	22.6	24.5	26.4	25.6	24.5	27	22.4	98	95	91	88	87	92	1.5
30	57.74	58.05	59.54	56.85	57.58	58.38	24.4	24.1	27.5	28.5	26.8	25	29.5	23.8	90	91	78	70	90	92	.5
Mean	57.16	57.45	58.17	55.81	56.86	58.19	24.4	24.1	28.2	28.4	26.5	25	29.8	23.6	92.8	92.8	75.9	73.9	84.5	91	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	460.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNW	NNW	W	WSW	S	SE	47.3	114	294.3	148.4	604	10	------	N.	10	------	N.
2	SE	Calm	SE	W	S	Calm	54.9	54.5	63.3	17.1	189.8	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
3	NW	Calm	N	NE	NE	NE	24.3	59.2	54.7	34.8	173	10	Ci.-S.	Cu.	9	A.-Cu.	Cu.
4	N	N	NE	NE	NE	NE	50.2	81.1	93	54.9	279.2	8	Ci.	Cu.	1	------	Cu.
5	N	NE	NE	NE	NE	N	54.4	79.2	72.2	46.9	252.7	10	A.-Cu. E	Cu.	10	A.-Cu. E	Cu.
6	N	N	NE	NE	NNE	N	44.6	58.1	65.8	64.7	233.2	10	Ci.-S.	Cu.	9	A.-Cu.	Cu.
7	N	NE	NE	NE	NE	NE	45.7	68.6	88.7	47	250	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
8	N	N	NE	E	NE	N	50.9	76.9	83.1	55	265.9	9	Ci.	Cu.	7	Ci.	Cu.
9	N	N	N	Calm	N	Calm	41.8	44.8	48.9	23	158.5	10	Ci.	Cu.	9	Ci.-S.	Cu.
10	Calm	Calm	NNE	NE	Calm	Calm	6.2	37.5	47.5	13.5	104.7	8	A.-Cu.	S.-Cu.	10	A.-Cu.	Cu.
11	Calm	NW	NE	Calm	N	Calm	16.1	38.6	23	19	96.7	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
12	Calm	Calm	Calm	SW	W	Calm	10.3	26.2	73.5	22.8	132.8	10	Ci.	Cu.	10	Ci.-S.	Cu.
13	Calm	Calm	Calm	Calm	NNW	S	20.1	17.7	13.9	32.4	84.1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
14	SW	SW	SW	SW	SW	SW	45.9	68.1	93.8	53.7	261.5	9	Ci.-S.	Cu.	9	A.-Cu.	Cu.
15	Calm	Calm	SW	SW	Calm	Calm	15	34.3	60.6	9	118.9	9	A.-Cu.	Cu.	7	A.-Cu. E	Cu.
16	Calm	Calm	NE	E	N	N	11.3	41.2	84	35.2	171.7	8	A.-Cu.	Cu.	10	A.-Cu.	Cu.
17	E	Calm	Calm	SW	SW	NE	29.5	33.2	79.1	24.4	166.2	9	A.-Cu.	Cu.	2	Ci.	Cu.
18	Calm	Calm	NE	E	NW	Calm	10.2	29.3	52.3	37.8	129.6	5	Ci.	Cu.	5	Ci.	Cu.
19	Calm	NE	NE	NE	NE	NE	16.4	43.8	48.5	41.6	150.3	8	Ci.	Cu.	10	Ci.-S.	Cu.-N.
20	NE	NE	NE	NE	N	NE	44.8	65.4	55.3	35.6	201.1	8	Ci.-S.	Cu.	10	A.-Cu.	Cu.
21	NE	NE	NE	N	Calm	N	30.1	31.6	39.6	24.1	125.4	9	Ci.-S.	Cu.	10	A.-Cu.	Cu.
22	Calm	Calm	S	SW	SW	Calm	12.3	38	69.7	20.7	140.7	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
23	SW	Calm	SW	SW	SW	Calm	17.2	29	42.1	17.1	105.4	9	Ci.-S.	Cu.	9	A.-Cu.	Cu.
24	W	Calm	NE	E	Calm	NE	33.5	40.7	51.8	28.4	154.4	5	Ci.	S.-Cu.	10	Ci.-S.	Cu.
25	NE	NE	N	NE	NE	NW	46.5	66.8	67	58.1	238.4	9	Ci.	Cu.	10	Ci.-S.	Cu. ENE
26	NW	N	NE	NE	N	N	56.5	93.3	91.5	57.4	298.7	8	Ci.	Cu.	8	Ci.	Cu.
27	NE	N	N	ENE	NE	NNW	56.8	78.7	84.7	54.7	274.9	10	A.-Cu.	S.-Cu.	10	A.-Cu.	Cu.
28	N	N	N	Calm	E	NE	38	44	36.2	19	137.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
29	NE	NE	NE	NE	NE	Calm	24.9	83.9	60.4	37.5	206.7	10	------	N.	10	Ci.-S.	Cu. NE
30	NE	NE	N	NE	NE	N	47.8	73.5	52.1	57.6	231	10	Ci.-S.	S.-Cu.	10	A.-Cu.	Cu.
Mean	------	------	------	------	------	------	33.4	55	69.7	39.7	197.9	9	------	------	8.8	------	------
Total	------	------	------	------	------	------	------	------	------	------	5,936.7	------	------	------	------	------	------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6 meters; gravity correction not applied, —1.84 mm.]

DECEMBER, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.88	58.05	59.32	57.26	57.44	58.07	24.5	24	27.5	28.5	26.6	25	29	23.9	87	92	78	75	80	89	------
2	57.48	57.74	58.38	55.72	56.58	56.42	24.8	24.6	28.6	30	26.6	26	30.5	24.5	90	92	75	62	85	80	21.8
3	55.29	54.77	55	53.33	54.39	56.92	24.5	24	26.5	26.6	25.7	25.4	27.5	23.4	91	95	80	87	91	88	24.9
4	57.04	57.61	58.80	56.99	58.15	59.76	24.8	23.6	29.5	30.7	28	26.5	31.6	23.4	93	95	66	61	77	83	------
5	59.38	59.81	60.90	58.36	58.96	60	25.2	24.9	29.6	30.9	27.8	25.7	31	24.4	88	89	70	62	74	86	1.8
6	59.36	60.14	60.48	58.27	58.66	59.12	25	24.4	28	29.8	27.2	25.4	30.5	24	90	93	74	67	74	84	------
7	58.34	58.63	58.78	56.85	58.29	59.12	24.8	24.6	28.6	25.4	23.4	23.5	29.4	22.5	89	90	74	93	92	92	27.2
8	58.09	58.27	59.38	57.05	57.83	58.49	23	23.4	28.6	29.1	26.7	24.7	30.1	22.5	96	93	70	67	81	87	------
9	57.71	58.06	58.83	56.51	56.93	58.03	23.8	23.6	28.4	26.9	26.6	25	29.6	23	88	91	75	87	83	91	1.6
10	57.41	57.94	58.91	56.70	57.61	58.90	24.8	24.5	29.6	31	27.6	25	31.1	24.3	92	94	71	62	73	88	------
11	57.68	58.15	59.31	57.08	58.18	58.82	24.7	24.4	29.5	30.3	26.4	24.9	31.1	24.3	90	93	71	61	84	92	1.8
12	57.54	57.89	59.33	56.70	58.06	58.79	24.5	24.4	25.7	29.9	27.1	25	30.5	24.1	92	92	86	63	81	88	9.9
13	57.39	57.55	58.52	55.96	56.96	58.34	24.2	23.7	29	30	27.6	26.1	31	23.4	93	95	74	65	77	87	------
14	57.38	57.45	58.36	56.11	57.08	58.27	25	24.5	29.2	29	26.9	25.5	31.4	24.3	90	91	71	70	81	88	------
15	57.39	57.41	58.50	56.65	57.82	58.94	24.5	24	29.1	28.5	25.5	25	31	23.8	92	95	74	78	88	88	.3
16	58.59	58.56	59.80	57.34	58.21	58.98	24.2	23.6	29	30.5	27.4	24.5	30.9	23.4	91	90	70	56	71	91	------
17	58.36	58.61	59.45	57.24	58.08	58.84	23.6	23.1	29.1	29.4	26.8	24.5	30.1	22.8	91	95	67	65	74	90	.5
18	58.61	59.22	60.05	57.86	59.39	59.97	23.8	23.6	28	28.1	25.4	24.6	29.5	22.9	90	91	67	70	84	86	------
19	59.20	59.60	60.21	57.77	58.86	60.02	24.4	24	27.7	29.6	26.5	24.1	30.5	23.5	84	87	75	63	80	86	------
20	59.09	59.17	60.08	57.96	58.85	59.45	23.2	23.1	27.5	27.9	25.6	24.2	29.5	22.9	88	84	69	65	79	85	------
21	57.36	58.35	58.52	56.86	57.54	58.94	23.5	24	28.1	28	26.2	24	30.4	23.5	85	84	65	66	74	91	.8
22	57.06	56.97	58.06	55.85	57.07	57.56	23.4	23.7	27.5	27.6	25.5	24.5	29.1	22.4	91	91	78	73	83	90	.5
23	56.50	56.63	57.37	55.34	56.33	57.93	24.4	24	29	26.6	26.5	25	31	23.7	88	91	74	90	83	92	35.9
24	56.54	57.28	58.34	56.17	57.65	59.25	24.7	24.8	26	29.5	25.5	24.9	30.5	24.4	94	94	96	75	93	92	15.3
25	58.65	59.61	60.15	57.69	58.42	59.33	24.5	24.5	27.6	30.6	27.1	25.6	31.1	24.4	94	95	83	71	84	92	.3
26	58.44	59.36	60.12	57.71	58.71	59.95	24.9	25	29.5	30.6	28.1	25.6	31	24.5	93	96	72	64	74	88	1.3
27	59.11	59.92	60.99	58.48	59.93	61.16	24.8	24.5	29.4	31	25.6	25	31.1	24.4	92	92	66	59	88	91	.3
28	60.12	60.48	61.24	59.39	60.46	61.66	24.4	24	29	30.7	27	24.8	31.4	23.7	92	92	71	52	78	86	.3
29	60.04	59.82	61.01	58.60	58.90	60.27	24.4	23.6	26.7	29	25.4	24	29.5	23.2	84	90	78	65	84	88	6.3
30	59.82	60.27	61.11	58.43	60.13	59.19	23	22.1	26.4	27.5	25.5	24.1	28.4	21.9	90	95	75	70	77	84	------
31	58.85	59.31	60.01	58.32	59.55	60.53	23.8	23.1	27.5	28.7	25.2	24.4	29.5	22.9	86	90	73	69	86	88	1.1
Mean	58.12	58.47	59.33	57.11	58.10	59.07	24.3	24	28.2	29.1	26.4	24.9	30.3	23.6	90.1	91.8	73.8	68.8	81.1	88.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	151.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	N	NE	NE	67.4	83.2	63.3	66.6	280.5	8	Ci.	Cu.	10	Ci.-S.	Cu. NE
2	N	N	N	NE	N	NE	89.6	100.8	100.8	95.8	387	8	Ci.-S.	Cu.	9	Ci.-S.	Cu. NE
3	N	NNE	NE	NE	NE	E	105.9	149.1	147.5	85.1	487.6	10	Ci.-S.	Cu.-N. NE	10	------	N. ENE
4	NE	Calm	NE	NE	NE	N	37	30.1	68.7	67	202.8	8	Ci.	Cu.	8	Ci.-S.	Cu. SE
5	NNW	N	NE	NE	NE	NE	62.8	87.1	86.9	63.8	300.6	7	Ci.	Cu. E	2	Ci.	Cu.
6	N	N	NE	NE	NE	N	70.8	93.1	87.9	62.8	314.6	8	Ci.-S.	Cu.	10	A.-Cu. E	Cu.
7	N	N	NE	N	N	N	62.5	56	69	64.4	251.9	5	Ci.	Cu.	10	------	N. NE
8	N	N	NE	E	NE	N	61.5	85	90.3	67.9	304.7	7	Ci.	Cu.	9	Ci.-S.	Cu.
9	N	N	NNE	N	N	N	54.7	82.9	80.5	68.4	286.5	8	A.-Cu.	Cu.	8	A.-Cu.	Cu. N
10	N	N	NE	ENE	NE	NE	60.4	76.7	87.7	67.8	292.6	8	Ci.	Cu.	8	Ci.	Cu.
11	N	NNE	NNE	E	N	N	72.9	88.8	106.2	76.7	344.6	7	Ci.	Cu.	7	A.-Cu.	Cu.
12	N	N	NE	NE	NE	N	74.2	82.4	94.4	65.5	316.5	10	A.-Cu.	Cu.	9	A.-Cu.	Cu.
13	NE	N	NNE	ENE	NE	N	66.6	83.9	89.5	67.6	307.6	9	Ci.-S.	Cu.	7	Ci.	Cu.
14	N	N	NE	N	NE	N	61.4	92.2	74.2	57.6	285.4	4	Ci.	Cu.	8	A.-Cu.	Cu.
15	NE	NE	NE	NE	N	N	38.1	65.5	79.9	61.7	245.2	9	A.-Cu. E	Cu.	9	Ci.-S.	Cu.-N. E
16	NE	N	NE	E	E	N	64.9	75.2	78.6	55.5	274.2	8	Ci.	Cu.	5	Ci.	Cu.
17	NE	NE	NE	NE	NE	N	50.2	85	121.7	91.9	348.8	8	Ci.	Cu.	7	Ci.	Cu.
18	N	N	NNE	NE	N	N	84.7	112.3	136	81.5	414.5	9	Ci.-S.	Cu. E	5	Ci.	Cu.
19	N	N	NE	E	N	NE	73.4	92.5	101.1	74	341	6	Ci.	S.-Cu.	6	Ci.	Cu.
20	N	N	NE	E	N	N	85.3	108.6	103.2	56.6	353.7	8	Ci.-S.	Cu.	9	Ci.	Cu.
21	N	NE	NE	NE	NE	NE	41.5	79.5	67.6	39.7	228.3	10	A.-Cu.	S.-Cu.	10	A.-Cu.	Cu.
22	NE	NE	N	N	N	NE	43.5	76.2	85.5	42	247.2	10	Ci.-S.	Cu.	10	A.-Cu.	Cu. N
23	NE	NE	N	NE	E	E	24.6	62.3	44.8	33.6	165.3	9	Ci.-S. E	Cu.	10	A.-Cu.	Cu.
24	NE	Calm	E	E	N	N	31.4	48	83.4	76.4	239.2	10	------	N.	8	A.-Cu.	Cu.
25	N	N	N	N	N	N	58.9	75.8	77.9	69.5	282.1	10	Ci.-S.	Cu.	10	A.-Cu.	Cu.
26	N	N	NE	E	NE	N	52	58.9	71.6	66.3	248.8	10	Ci.-S.	Cu.-N.	8	Ci.	Cu.
27	N	N	NE	NE	N	N	60.6	97.7	111.3	68.1	337.7	6	Ci.	Cu.	5	Ci.	Cu.
28	N	N	NE	NE	N	N	50.9	77	134.7	93.3	355.9	8	Ci.-S.	Cu.	5	Ci.-Cu.	Cu.
29	NE	N	NE	NE	NE	NNE	98.8	113.7	124.2	87.5	424.2	8	Ci.-S.	Cu.	10	A.-Cu. E	Cu.
30	NE	N	NE	NNE	NE	N	66	109.1	114	85	374.1	10	A.-Cu.	Cu.	9	A.-Cu.	Cu. N
31	N	N	NE	NE	NNE	N	81.5	102.8	101.7	74.2	360.2	6	Ci.-S.	Cu.	10	A.-Cu. E	Cu.
Mean	------	------	------	------	------	------	63	84.9	93	68.8	309.8	8.1	------	------	8.1	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,603.3	------	------	------	------	------	------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

JANUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.09	58.53	59.05	57.11	57.96	59.12	21.9	21	29	31.5	26.6	22.7	32	20.8	90	96	71	50	71	89	-----
2	58.22	59.13	60.65	56.97	58.19	59.96	22.6	23.4	24.5	28.2	27	23.6	29.7	21.3	96	90	86	66	73	95	2.8
3	59.06	59.97	60.93	59.10	59.63	61	23.5	22.8	27.9	29	26.2	24.8	31.6	22.4	83	86	71	64	79	90	3.5
4	59.19	60.82	61.20	58.78	59.94	61.03	24	23.1	27.8	29.7	27.4	25.4	30.6	22	97	99	77	70	64	74	3.4
5	59.96	59.97	60.99	58.20	59.30	60.35	23.7	22.5	28.2	30	26.6	23.6	30.4	22.3	90	96	74	66	70	88	1.1
6	58.69	58.71	59.85	57.61	58.15	58.66	24.3	25	30	30	26.9	26.6	32.2	23.1	82	76	56	59	72	75	-----
7	57.58	57.68	58.30	56.47	57.15	58.36	23.8	23.5	28.7	29	27.1	25.6	30.8	23	89	89	63	55	66	75	-----
8	57.37	57.92	58.82	56.03	56.89	57.72	23	22.5	28	31.2	26.5	25.5	32.2	21.7	92	96	73	54	77	80	2.5
9	56.96	57.19	58.51	56.47	57.02	58.25	24.3	23.5	25.8	28.8	26.1	25.5	31.2	22.8	92	96	88	65	80	76	1.3
10	57.73	57.77	58.45	56.38	56.38	57.56	25.7	25.4	28.4	29.4	26.9	26.2	30.6	23.2	75	75	64	66	73	79	.8
11	56.87	56.49	57.90	55.69	56.35	57.20	24.9	23.7	27.2	29	27	24.8	30.2	23	83	90	75	71	70	86	.8
12	56.92	56.74	58.10	56.38	56.97	57.90	25.3	25.2	26.6	27.1	26.5	25.4	29.4	21.4	75	75	80	83	73	74	-----
13	57.33	57.04	57.80	55.95	56.70	57.63	21.6	21.8	29.2	32.2	26.5	21.8	32.5	20.9	95	93	60	49	68	88	-----
14	56.69	56.91	58.07	56.23	57.39	58.27	21.7	20	28.4	29.6	26.6	24	31	19.8	88	95	64	64	79	93	5.1
15	58.08	58.44	58.95	57.13	58.10	59.54	23.6	22.7	26.6	29.6	26.9	24	31	22.2	91	92	72	58	75	86	1.3
16	58.84	59.17	59.69	57.68	58.28	59.10	22.7	21.3	28.6	30.4	27.5	24.1	31.3	20.9	84	93	63	59	64	85	-----
17	58.74	58.71	59.34	57.11	57.93	58.78	23.5	23.5	27.6	28.4	25.7	24.1	30.4	22.7	91	94	74	70	83	92	-----
18	58.12	57.83	58.80	56.73	57.72	59.33	23.6	22.3	28.4	26	25.1	23.5	29.6	21.9	84	99	73	88	96	99	19.8
19	58.61	58.45	59.59	57.91	58.77	59.75	24.7	22.4	28	26	24.6	23.7	29	22	85	96	72	91	97	97	21.6
20	59.23	59.82	61.17	58.97	59.59	60.77	23.6	23	25.5	27.4	25.7	23.9	28	22.8	95	97	89	83	93	95	8.4
21	59.18	59.93	60.95	59.38	59.43	60.67	22.8	22.6	27.5	24.6	25.4	22.1	27.8	21.6	98	97	78	95	91	97	8.6
22	59.80	60.08	61.18	58.75	59.43	60.67	20.8	19.1	26.8	27.7	24.6	23.2	29.7	19	91	99	74	72	91	97	-----
23	59.76	60.06	61.34	58.42	58.83	60.65	22.9	20.3	27.5	31	27	23.1	32	20	85	97	68	49	60	78	-----
24	60.01	59.30	60.36	58.48	59.22	60.48	20	20.5	27.5	28.5	25	23.5	29.4	19.6	100	95	70	73	96	97	12.8
25	59.93	59.55	60.61	58.71	59.02	60.05	22.3	21.5	27.9	27	24.5	23.5	29.8	21.2	92	95	74	76	89	96	12.4
26	59.63	59.47	60.55	58.83	59.18	60.56	22.5	23	28	29.6	27	23	30.6	21.4	96	94	73	61	66	94	-----
27	60.12	60.32	61.84	59.93	60.35	61.61	23	22.7	26.2	25.7	24.5	23	28.3	22.1	92	96	80	86	92	97	8.6
28	60.65	60.73	61.43	59	58.89	60.02	22.8	22.5	26	26.5	24.7	24	27.2	22.2	98	99	78	86	92	76	5.3
29	58.99	58.78	60.18	57.96	58.47	59.54	23.1	22.5	26	27.4	24.6	23.8	28.5	22.1	90	93	77	74	87	86	-----
30	59.10	59.22	60.13	57.94	58.52	60.15	22.4	22.9	26.4	27.6	24.9	22.9	28.2	21.8	95	92	76	78	89	96	1.5
31	59	59.14	59.83	57.70	58.60	59.80	21.7	21	27.8	29.5	25.7	23.6	31	20.8	91	96	69	64	78	96	5.6
Mean	58.66	58.83	59.82	57.68	58.33	59.50	23.1	22.5	27.5	28.6	26	24	30.2	21.7	89.8	92.8	73	69.2	79.2	87.9	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	127.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	N	SSW	SSE	SW	N	-----	-----	-----	-----	-----	8	Ci.-S.	S.-Cu. ENE	3	Ci.	Cu. E
2	N	NE	SSE	ENE	E	N	-----	-----	-----	-----	-----	10	Ci.-S.	Cu.-N. EbyN	10	Ci.-S.	Cu.
3	Calm	N	NE	ENE	ENE	W	-----	-----	-----	-----	-----	8	Ci.-S. S	Cu.-N. E	8	A.-Cu. ENE	Cu. E
4	E	N	WSW	S	E	NE	-----	-----	-----	-----	-----	8	A.-Cu. E	Cu.-N. E	5	Ci.-S.	Cu.-N. E
5	NE	N	S	E	ENE	NNE	-----	-----	51.2	22.7	-----	6	Ci.-S. E	Cu.-N.	7	Ci.	Cu.
6	NE	E	ENE	S	N	ENE	26.4	38.8	49.9	24.9	140	8	A.-Cu.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
7	N	NNW	E	ENE	ESE	N	23.3	47.3	46.5	46.5	163.6	8	A.-Cu. EbyS	Cu.-N. NEbyE	3	A.-Cu.	Cu.
8	N	N	N	ENE	ENE	E	18	37.5	58.1	23.8	137.4	9	A.-Cu. E	Cu.-N. E	9	A.-Cu. E	Cu.
9	NNE	N	SE	ESE	SE	NNE	21.2	36.7	48.9	33.2	140	9	Ci.-S.	Cu.-N. E	10	A.-Cu.	Cu.-N. E
10	N	NE	ENE	SW	NNE	NE	34.4	42.3	44.9	39.4	161	4	Ci.-S.	Cu.-N. E	8	A.-Cu.	Cu.-N. E
11	E	ENE	SSE	S	ENE	NNE	24.1	46.2	42.1	31.9	144.3	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E
12	NE	NE	W	SW	NE	NE	33.8	31.9	44.1	37.8	147.6	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
13	NNE	NNE	ENE	E	ENE	N	21.5	46.5	60.9	25.5	154.4	8	Ci.-S.	S.-Cu.	4	Ci.	Cu.
14	NE	N	W	S	E	N	30	36.4	37.5	12.7	116.6	6	Ci.-S.	S.-Cu.	10	A.-Cu. ESE	Cu.
15	Calm	NNE	WSW	E	Calm	N	9.9	32.5	35.9	41.5	119.8	10	-----	N.	10	Ci.-S.	Cu.-N. NE
16	N	N	W	ENE	NE	N	23	43.3	58.2	29.6	154.1	8	Ci.-S.	Cu. ENE	5	A.-Cu. E	Cu.
17	N	NNW	SW	WNW	N	N	15.1	30.6	44.1	19.5	109.3	10	A.-Cu.	Cu.-N. NE	10	Ci.-S.	Cu.-N. NE
18	NNE	Calm	W	SSW	Calm	Calm	13.1	39.7	36.5	12.9	102.2	10	A.-Cu. E	Cu.-N.	8	A.-Cu. E	Cu.-N. N
19	Calm	NNE	WSW	SE	SSE	NNW	13.4	29	29.8	22	94.2	8	A.-Cu. E	S.-Cu.	10	Ci.-S.	Cu.-N. E
20	NNE	N	WNW	N	NNW	Calm	14	20.6	23.9	14.5	73	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. E
21	NNE	N	NW	SSW	Calm	NW	14.8	26	26.9	15.3	.83	10	A.-Cu.	S.-Cu.	10	-----	N. ESE
22	Calm	NNW	WSW	S	SE	ENE	13.5	28	53.6	14.7	109.8	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
23	NE	N	SSW	SE	NE	NNE	11.9	32.8	45.1	31.4	121.2	4	Ci.	S.-Cu.	5	Ci.	Cu. NNE
24	N	N	SW	S	Calm	N	18.8	22.7	36.5	12.9	90.9	10	Ci.-S.	Cu.-N.	7	Ci.	Cu.-N. NNE
25	NNE	N	WSW	SW	NE	N	12.3	30.8	34.1	15	92.2	6	Ci.	S.-Cu.	9	Ci.-S.	Cu. ENE
26	N	N	S	ENE	NNE	NW	14	36.7	52	23	125.7	8	A.-Cu.	Cu.-N.	8	A.-Cu.	Cu.-N. ENE
27	N	NW	N	SSW	W	N	14	25.4	37.3	25.2	101.9	10	-----	N.	10	A.-Cu.	Cu.-N.
28	N	NNW	WNW	W	NNW	N	18.3	41.8	32.2	31.4	123.7	10	-----	N.	10	A.-Cu.	Cu.-N. NE
29	N	NNW	N	NNW	NW	N	34.4	52.8	61.4	45.6	194.2	6	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
30	NNW	N	NNW	NNW	NNW	Calm	18.8	34.8	52.9	16.6	123.1	8	A.-Cu	Cu. ENE	7	A.-Cu.	Cu.-N. NW
31	N	NNW	W	N	N	NW	17.7	36.8	38.4	25.4	118.3	4	Ci.	Cu. NE	7	A.-Cu.	Cu.-N. ENE
Mean	-----	-----	-----	-----	-----	-----	19.6	35.7	43.8	25.7	124.7	8.2	-----	-----	8	-----	-----

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

FEBRUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6. a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.96	59.54	60.64	58.90	59.83	61.16	25.1	22.6	27.5	27	25.7	23.6	28.6	22.5	81	98	75	70	82	90	11.7
2	60.31	60.32	61.16	59.40	60.55	61.66	22.9	22.8	24	26	24.5	23.6	27.1	22.4	97	98	87	75	87	95	18.3
3	60.01	60.27	61.81	59.74	60.82	61.12	24.5	23	24.8	25.8	23.2	25.5	26.3	22.3	88	100	89	84	90	80	24.9
4	59.80	59.65	60.68	58.28	58.66	59.95	25.8	25.2	28	29.5	26	24	29.9	22.9	73	80	65	63	78	91	------
5	58.50	58.63	59.65	57.73	58.08	59.37	23.4	23.2	28.5	25.5	24.8	24	29.8	22.6	93	94	67	88	89	96	9.6
6	58.49	58.52	59.10	56.87	57.80	59	23.9	22.1	28.4	31	27.5	25	31.9	21.8	91	99	66	56	67	83	------
7	58.82	58.43	59.68	57.37	57.80	58.85	22.4	22.4	29	28	27	23.9	30.9	21.6	96	95	66	77	81	97	1.3
8	58	57.69	58.76	56.83	57.10	58.25	23.4	23.5	27.5	28.5	26.6	23.9	29.4	22.8	98	92	77	78	90	94	------
9	57.42	57.40	58.13	56.24	57	58.28	22.7	22.2	28	29.5	26.5	22.4	30.5	21	97	97	74	67	70	94	------
10	57.99	58	58.51	56.77	57.56	58.73	22.1	22.5	28.4	27.8	26	24.5	29.9	20.9	96	96	70	81	92	94	7.1
11	58.39	58.28	58.93	56.77	56.58	58.68	22.7	21.4	29.3	31.5	27.5	23	32.1	21.1	94	98	59	50	70	91	------
12	58.06	58.24	58.62	56.95	57.82	58.87	21.1	20	27.1	24.7	24	23.5	28.4	19.9	91	97	72	90	96	96	17.2
13	58.25	59.04	59.93	57.75	58.90	59.70	22.1	22.2	26.5	26.9	25.5	23.2	27.8	20.9	100	98	80	76	78	96	2.1
14	59.04	59.45	59.88	57.70	58.76	60	23.2	23.2	26.5	27.9	25.8	24.6	28.2	22.4	93	93	86	73	85	92	4.3
15	59.02	59.92	60.44	57.89	58.66	59.49	23.7	23.1	27.4	28.3	26	23.7	29	22.7	95	99	76	77	88	98	------
16	58.22	58.68	59.66	57.09	57.85	59.03	23.6	22.5	28.1	28.3	27.1	23.4	30.2	22.1	90	96	76	74	73	92	------
17	58.14	58.24	58.88	56.07	57.13	58.76	22.3	22.6	28.2	30.2	27.7	24.8	31.5	21.8	96	97	72	68	74	91	------
18	57.82	58.12	59.10	56.96	57.89	58.98	23.6	23.5	29.3	28.8	25.7	24	31.5	22.8	90	91	69	70	91	96	1
19	58.20	58.77	60.16	58.31	58.97	60.21	22.4	22.5	26.8	27.5	26	23.6	28.4	21.5	97	96	77	84	88	91	3.3
20	59.32	60.47	61.87	60.30	59.80	60.27	23.8	23.5	25.8	25.8	26.5	25.8	27.1	23	94	96	84	85	73	75	.3
21	59.60	60.41	60.73	58.47	59.13	60.60	26	23.6	28	29.4	27.1	22.8	30.7	21	73	90	74	62	70	93	.3
22	60	59.94	60.80	58.10	58.59	59.69	20	18.7	27.5	30	26.8	24	31.3	18.4	90	96	63	62	80	86	------
23	59.40	59.99	60.28	57.49	58.69	60	21.6	19.4	27.8	29.5	27.1	22.5	31.5	19.1	85	96	62	52	65	84	------
24	59.14	59.30	60.20	58.15	58.64	59.51	21.5	20	27.5	29.4	26	24	30.5	19.9	86	95	69	62	76	81	------
25	58.84	58.70	59.99	58.18	58.17	59.53	24.4	22.5	28.4	27.8	26.3	24.9	29.3	21.3	77	86	63	67	79	81	3
26	58.44	59.21	60.05	57.77	58.16	59.12	23.7	23.1	25.8	28.5	27	24.1	30.4	22.9	95	99	82	73	72	91	.3
27	58.10	58.45	59.28	57.31	57.85	58.93	22.7	23.2	28.3	27.2	25.2	24.3	29.5	21.9	94	91	68	81	94	89	11.4
28	57.70	57.89	59.27	57.22	57.59	58.69	24.8	21	27.3	30.7	26.7	24.8	31.2	20.8	73	96	75	58	71	77	------
Mean	58.71	58.98	59.86	57.74	58.37	59.52	23.2	22.3	27.5	28.2	26.1	24	29.7	21.6	90.1	95	73	71.5	80.3	89.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	116.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	N	SSW	NE	NNW	E	27.9	36	44	26.8	134.7	8	Ci.-Cu.	Cu.-N.	10	Ci.-S.	Cu.-N. ENE
2	N	NNW	ESE	NE	NE	NNW	21.7	45.6	44.9	38.8	151	10	------------	N.	10	Ci.-S.	Cu.-N. ENE
3	NNW	NNW	NNE	Calm	SE	NE	30	29	34.3	47.7	141	10	------------	N.	10	------------	Cu.-N. E
4	NE	NE	NNE	ESE	NE	NNW	49.9	38.8	48	30.4	167.1	6	A.-Cu.	Cu.-N. E	9	A.-Cu.	Cu. E
5	NNE	N	ESE	NNE	NNW	N	27.2	37	30.9	17.4	112.5	6	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.
6	NW	NW	SSW	SE	SE	ENE	13.4	34.3	71.1	20.3	139.1	4	Ci.	Cu.-N.	9	Ci.	Cu. E
7	N	NNE	NE	SW	ENE	N	15.1	41.6	37.2	14.8	108.7	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. E
8	N	N	WSW	NNW	N	NNW	16.3	33	38	13.7	101	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
9	N	NW	SW	SSE	SE	SE	19.8	36.4	58.4	22	136.6	8	Ci.	Cu. E	10	Ci.-S.	Cu.-N. E
10	SSE	SE	NE	S	NNW	NW	23.8	36.8	42.6	15.3	118.5	8	Ci.-S.	S.-Cu.	8	A.-Cu.	Cu.-N. E
11	N	NE	NE	NE	ESE	N	16.7	36.7	52	18.8	124.2	5	Ci.	S.-Cu.	4	Ci.	Cu. NE
12	Calm	N	NNW	ESE	SE	SE	17.9	27.9	29.6	13.1	88.5	6	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N. E
13	NNW	NW	SSE	SSW	SSE	NE	15.1	43.1	48.1	15.9	122.2	8	A.-Cu.	Cu.-N.	10	Ci.-S.	Cu.-N.
14	NE	NE	N	N	Calm	S	20.3	26.6	36.7	22.7	106.3	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
15	NW	NE	NW	S	SE	NNE	18.8	25.7	46.9	16.3	107.7	10	------------	N.	10	Ci.-S.	Cu.-N. E
16	N	WNW	SW	WSW	SE	NE	14.7	28.7	47.2	15	105.6	6	A.-Cu.	Cu.-N.	10	Ci.-S.	Cu.-N. E
17	NE	W	W	SSW	SE	WSW	15.8	27.2	50.4	15.3	108.7	8	A.-Cu.	Cu.-N.	7	A.-Cu.	Cu. ENE
18	S	NNE	SSW	SSE	NNW	NNW	22.5	39.7	42.4	19.6	124.2	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. ENE
19	NNW	NNW	WNW	NW	WNW	N	20.9	24.3	34.3	19	98.5	9	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N.
20	N	N	S	S	ENE	N	11.3	30.8	41.5	45.6	129.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
21	N	N	SSW	ENE	SE	NNE	36.2	41	51.2	23.6	152	10	Ci.-S.	Cu.-N.	8	A.-Cu. E	Cu.-N. NE
22	N	N	SSW	SSW	SE	NE	19.5	30.6	50.5	20.7	121.3	5	A.-Cu. SE	S.-Cu.	5	A.-Cu.	Cu.-N. N
23	N	N	S	W	E	NE	15.9	28	41.3	35.2	120.4	5	Ci.-S.	S.-Cu.	5	A.-Cu.	Cu.-N. ENE
24	N	NNW	NW	NW	ENE	NE	21.2	40.2	43.5	32	136.9	9	Ci.-S.	S.-Cu.	8	A.-Cu. SE	Cu.-N. ENE
25	NE	NNE	ENE	ENE	SW	NNW	31.1	52.5	38.3	16.4	138.3	7	Ci.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
26	Calm	Calm	WSW	SW	SW	NE	12.7	27.1	50.5	12.6	102.9	10	------------	N.	8	Ci.	Cu. E
27	N	NNW	N	W	NNW	SW	22.2	35.2	26.2	17.4	101	10	Ci.-S.	S.-Cu.	9	Ci. E	Cu.-N. NE
28	NW	NNW	NNW	S	NE	NE	25.7	25.9	37.5	30.1	119.2	9	Ci.-S.	S.-Cu.	9	Ci. SE	Cu.
Mean	------	------	------	------	------	------	21.6	34.3	43.5	22.7	122	7.9	------------	------------	8.9	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	3,417.3	----	------------	------------	----	------------	------------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

MARCH, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.70	58.41	59.40	57.83	57.53	58.58	19.3	18.7	27.3	27.4	25.6	23.9	29.2	17.9	96	98	66	70	87	97	-----
2	57.51	57.30	58.43	56.18	56.79	57.77	24	23	26.3	30.3	26.4	24.6	31.6	22.4	86	93	79	57	68	88	2.1
3	56.68	57.34	59.01	56.71	57.25	58.62	24.4	23	27	29.4	27.5	23.5	30.8	22.6	87	96	84	70	81	94	-----
4	58.24	58.89	60.03	57.33	57.98	59.43	21.9	20.5	27.7	30.4	26.8	23.6	31.8	20.2	89	97	72	66	75	86	-----
5	58.42	58.87	60.21	58.12	58.05	59.52	20	19.6	27.8	29.8	27.1	24.6	31.5	19.4	97	94	75	60	69	76	-----
6	59.16	59.54	60.60	58.50	58.55	59.90	20.5	18.6	26.6	28.5	26.6	22.9	29.3	18.3	86	95	62	60	77	92	-----
7	58.58	58.69	59.86	57.93	58.18	59.66	22.4	21.4	28	28.2	26	22	30	20.5	89	92	70	67	81	96	-----
8	58.50	58.74	60.08	57.79	58.75	60.26	22.8	23.1	27	27.9	24.7	23	30	21	91	92	73	73	90	96	4.3
9	59	59.39	60.35	59.30	59.56	60.63	23	22	27.8	25.2	25.5	23	28.4	21.7	92	96	65	76	80	92	1.8
10	60.25	60.45	61.59	59.46	60.68	62.03	23	22.5	28.3	31	27	25.6	31.7	22.2	90	91	63	50	75	71	-----
11	61	60.60	61.31	59.68	60.35	61.54	23	23	26.7	27.7	25.8	25.1	29.8	21	86	85	71	68	72	76	-----
12	60.50	61.12	62.17	59.33	60.44	60.73	21.5	21.5	24.5	26	22.6	22	29.5	20.2	97	95	81	78	97	96	20.8
13	60.02	60.01	61.05	59.21	60.05	61.10	22.1	23.9	29.3	27.3	25.7	24.9	30.4	20.7	88	77	55	70	71	71	2.8
14	60.25	60.30	61.28	59.69	59.85	60.37	21.3	20.4	26	26.9	24.1	22.5	29.6	19.9	88	92	72	67	86	90	1.5
15	59.69	59.47	60	57.81	58.01	58.47	21.9	22.5	27	28	24.9	24	29.2	20.8	92	91	65	60	84	85	4.3
16	57.76	57.79	57.75	55.66	56.23	56.94	23.3	22.5	23	24.3	23.8	23.4	24.9	22	93	96	97	91	90	97	9.1
17	56	56.07	57.27	55.21	56.22	57.63	23.6	24	24.5	27.5	24	23.5	27.7	22.5	94	95	90	69	91	96	4.1
18	57.38	57.25	58.56	56.52	56.90	58.73	23.5	23	27.7	28.5	27	23.5	29.9	22	93	96	76	74	80	87	-----
19	57.99	57.84	58.80	56.68	57.68	59.46	21.9	20.6	28.3	29	26.8	23.5	31	20.5	91	99	72	67	86	93	.8
20	58.87	59.42	60.15	57.90	59.03	60.39	23	22.5	27.8	27.9	25	23.8	31	22	94	96	74	72	90	97	2.8
21	59.44	59.85	60.34	57.89	58.54	59.84	23.2	22	25.8	29.5	23.5	23	31	21.8	91	97	85	66	96	97	2.6
22	58.98	59.45	60.40	58.47	58.80	59.47	22.7	23	26.5	26	27	23.5	29	21.9	97	93	82	87	75	93	3.1
23	58.44	58.99	60.44	57.91	58.61	59.91	22	21.1	28.1	30.5	27.1	23.5	32	20.6	91	95	77	70	80	90	-----
24	59.10	59.92	61.04	58.66	59.03	61.09	22.3	21.3	29.2	30	27.5	25	32.3	20.9	91	95	66	62	70	84	-----
25	60.60	60.65	61.40	59.32	59.65	61.70	24.9	22.6	29.5	31.2	26.9	26.2	32	21.7	72	88	65	61	74	72	-----
26	60.92	60.91	62.01	61.41	59.75	60.86	23.1	21.5	29.4	22.5	23.2	22	30	21.2	77	92	67	98	91	93	4.3
27	59.33	59.59	60.28	58.37	58.20	59.63	25.3	25.2	29.8	30.5	28.1	26.2	32.5	21.7	77	78	52	57	68	72	-----
28	58.12	58.78	59.93	57.37	58.48	59.48	26	25.1	29.9	31.3	26.5	25	31.8	21.7	77	80	58	58	77	83	-----
29	58.43	58.73	59.28	57.36	58.15	59.19	23.7	22.8	29	31.9	28	25	32.2	21.9	91	93	64	49	74	83	1.5
30	58.02	57.39	58.56	57.42	57.57	58.31	23	24.1	26.7	25.3	25.4	24.5	29.2	22	95	85	83	89	86	95	9.2
31	57.70	58.08	58.96	56.65	57.47	58.42	24.4	23.7	25.3	28.5	25.7	24.4	29.8	23.4	91	95	92	70	85	92	7.6
Mean	58.79	59.03	60.02	57.99	58.46	59.67	22.8	22.2	27.3	28.3	25.9	23.9	30.3	21.2	89.3	92.2	72.7	68.8	80.8	88.1	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	82.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amonnt.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNW	N	W	SW	NNW	W	28.4	30.6	27.2	18.2	104.4	8	Ci.	Cu.	10	Ci.-S.	Cu.-N. ENE
2	N	N	WNW	ESE	Calm	NNW	20.4	29.3	54.9	12.7	117.3	7	Ci.-S.	Cu.-N.	8	A.-Cu. SE	Cu.-N. ENE
3	NNW	NNW	WSW	S	ESE	NNE	13.5	28.7	47.3	18	107.5	6	A.-Cu. E	Cu.-N.	6	A.-Cu.	Cu. E
4	N	NW	SW	SSW	NEbyN	NE	21.5	37.5	61.8	30.9	151.7	6	Ci.	Cu.	5	Ci.	Cu.-N. NE
5	N	NbyW	SW	SSW	SSW	NE	25.2	19.1	66.2	20.3	130.8	7	Ci.	Cu.	6	Ci.	Cu. N
6	N	N	W	S	SSE	Calm	20.6	25.5	47	12.9	106	9	Ci.	Cu.	10	Ci.-S.	Cu.-N
7	NW	NNW	W	S	NWbyN	NNW	16.4	30.6	37.8	15.3	100.1	7	A.-Cu.	Cu.-N.	10	A.-Cu.	Cu.-N. ENE
8	Calm	NbyW	SW	W	EbyS	NW	16.3	32.5	50.4	14	113.2	10	Ci.-S.	Cu.-N. ENE	9	Ci.-S.	Cu.-N. NE
9	NNW	N	NNW	ENE	SEbyS	NE	21.2	35.1	34.1	18.8	109.2	7	Ci.-S.	Cu.-N.	10	A.-Cu.	Cu.-N. ENE
10	NNW	N	NE	ESE	SSW	E	22.7	49.1	47.5	32	151.3	7	A.-Cu.	Cu.-N.	8	A.-Cu.	Cu.-N. N
11	NNE	NE	W	NW	SSW	NE	28.5	30.3	52.3	20.4	131.5	7	Ci.	Cu.	10	Ci.-S.	Cu.-N. NE
12	N	NNW	S	SSW	S	NNW	18.5	30.9	37.3	21.7	108.4	6	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. S
13	NNE	EbyN	NE	S	NE	NNE	24.7	49.1	40	32.4	146.2	10	Ci.-S.	Cu.-N.	9	A.-Cu.	Cu. NEbyE
14	N	NbyW	NW	SE	WNW	NNE	17.9	29	40.2	13.2	100.3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
15	N	Calm	WNW	N	NNW	N	12.7	28.7	46.2	16.7	104.3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
16	N	NbyW	NW	WNW	NW	Calm	15.6	50.2	45.7	13.9	125.4	10	------	N.	10	------	N. NWbyW
17	WSW	SW	W	W	NNW	N	43.5	51.2	49.9	21.9	166.5	10	------	Cu.-N. W	10	Ci.-S.	Cu.-N. W
18	N	N	S	S	S	SSW	15.6	35.4	45.4	17.1	113.5	9	A.-Cu.	Cu.-N. WbyS	6	Ci.	Cu. WSW
19	S	NW	SSW	SSE	S	S	18	33.5	60.2	19.5	131.2	4	A.-Cu.	Cu.	6	A.-Cu. SSE	Cu.
20	SSE	NNW	SW	N	NNW	ESE	18	33.5	34.1	15.3	100.9	8	A.-Cu.	S.-Cu.	10	A.-Cu.	Cu.-N. N
21	NNW	N	NW	SSW	NbyW	Calm	15.8	21.1	56.8	21.4	115.1	10	Ci.-S.	Cu.-N.	8	A.-Cu. ESE	Cu. ENE
22	NNW	NNW	W	ESE	SSE	NE	19.1	24.7	34.8	13.1	91.7	10	A.-Cu.	Cu.-N.	10	Ci.-S.	Cu.-N. SE
23	N	NNW	SSW	SSW	NNW	NNW	18.3	39.9	49.6	15.8	123.6	4	Ci.	Cu.	5	Ci.	Cu. E
24	N	NbyW	WSW	S	ESE	NE	19.6	41	49.9	15.9	126.4	4	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
25	NE	NNE	SW	E	ENE	NE	17.1	34.3	45.4	28.7	125.5	4	A.-Cu. N	Cu.-N.	5	Ci.	Cu.
26	NNW	NE	S	ESE	NE	N	12.3	19.1	21.4	21.1	73.9	7	A.-Cu.	Cu.	10	Ci.-S.	Cu.-N.
27	NNE	NE	NE	E	NE	ENE	33.2	65.7	59.8	46.1	204.8	4	A.-Cu. E	Cu.	5	Ci.	Cu.
28	ENE	ENE	E	SE	NE	NNE	29	53.9	56.9	22.8	162.6	6	Ci.-S.	Cu.-N.	5	A.-Cu.	Cu.-N. ENE
29	N	NW	SW	ESE	SSE	NE	19	34.6	45.9	18.7	118.2	5	A.-Cu.	Cu.	5	A.-Cu.	Cu. E
30	NNE	NE	SW	S	ESE	ENE	20.1	34.6	28.4	21.4	104.5	8	Ci.-S.	Cu.-N. E	10	------	N. E
31	NE	N	N	ENE	ENE	N	18.5	23.9	39.4	22.2	104	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
Mean	-----	-----	-----	-----	-----	-----	20.7	34.9	45.6	20.4	121.6	7.4	------	------	8.2	------	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3,770	----	------	------	----	------	------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

APRIL, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.39	58.53	59.05	57.26	58.08	59.49	23.9	25	29.4	31.6	28.5	25.2	32.7	22.5	83	80	58	53	69	78	2.3
2	58.66	58.90	59.42	57.33	57.88	59.25	23.3	21.5	29.5	30.3	27.9	26.5	31.1	21.2	83	93	64	66	65	76	.5
3	58.21	58.17	59.35	57.71	57.49	58.82	24.4	24.4	26.2	25.8	24.5	23.6	26.4	22.4	86	85	82	88	93	99	7.9
4	57.90	57.60	58.60	56.85	56.97	58.37	22.9	22.8	25.5	27	26	24.5	29.3	22.1	95	97	90	78	86	92	7.6
5	58.03	57.94	59.19	57.04	57.75	59.25	23.9	22.9	28	28.4	27.2	24.5	29.4	22.8	96	97	79	75	72	89	------
6	58.22	58.43	59.63	57.75	57.88	59.10	24	22.2	28.8	26.6	27.1	24.9	31.4	21.9	90	97	69	86	80	83	5.6
7	58.33	58.87	59.43	57.36	57.75	59.33	22.3	21.5	28.5	30.8	28	26.4	32	21.3	90	97	67	64	77	73	------
8	58.48	58.62	59.34	57.89	57.68	59.32	23.8	21.8	28.5	27.3	25.5	23.5	30.7	21.3	81	93	65	80	83	92	2.6
9	58.09	58.18	59.33	57.13	57.65	59.07	23	20.9	30	30.7	25.2	23	31.3	20	86	96	63	64	92	96	6.6
10	58.02	58.48	59.34	56.93	57.45	59.12	23.4	22.8	28.7	31	27.7	25.5	31.9	21.7	95	96	69	65	67	76	.5
11	58.29	58.68	59.13	57.25	57.85	59.16	22.1	20.5	29	30.6	27.7	22.9	32.5	20.4	84	95	69	62	67	92	------
12	58.64	58.30	59.10	57.21	57.55	59.10	20.9	22.3	29	30.3	28.2	23.7	32	19.8	94	84	64	62	74	91	------
13	58.26	58.38	59.55	57.77	58.84	59.75	22	22.7	29.8	29	25.7	25.2	31.7	21.1	96	94	58	73	87	86	3
14	58.67	59.16	60.06	58.35	59.05	60.70	24	24.5	27.4	28.9	28.5	26	30.4	23	93	87	74	63	65	76	------
15	59.92	59.80	60.54	58.67	59.64	60.40	23.8	25	30	30.3	28.1	27	32	23.1	88	81	62	62	66	71	------
16	59.31	59.65	59.70	57.96	58.33	59.45	25.8	23.8	29.3	32.5	28.4	25.5	33.1	20.6	78	91	61	43	66	72	------
17	58.88	58.79	59.19	56.87	57.09	58.85	20.9	19.1	28.5	31	28.6	24.5	32.3	18.5	85	94	64	64	78	92	------
18	57.33	57.40	57.58	55.47	56.40	58.18	23.6	22.4	29.4	31	28.2	24	32.4	21.9	92	95	70	70	58	87	------
19	56.49	56.58	57.78	56.09	56	57.87	22	21	28.5	28.5	28.5	24	31.5	20.6	87	94	73	74	73	87	.3
20	56.53	57.59	58.08	55.66	56.45	57.12	22	21.1	29.2	30.8	28.6	25.5	32	20.4	96	93	70	70	73	80	------
21	56.83	56.94	57.78	55.27	55.69	57.15	22.4	21	29.2	30	28.6	24.5	31.8	20.5	88	95	60	65	74	95	29.7
22	56.04	56.44	57.18	54.48	55.36	56.59	23.9	23.2	24.6	24.8	24.4	24.1	26.5	23	94	99	95	93	92	97	24.7
23	55.32	56.11	57.56	55.69	56.32	57.92	23.6	24.1	27.3	28.6	26.3	25.3	29	23.1	99	92	78	75	86	93	1.3
24	57.16	57.63	59.23	57.53	58.10	59.64	25.2	25.4	28.8	28.5	27.4	24.5	29.7	23.6	80	80	71	78	85	93	------
25	58.69	59.25	59.75	58.03	58.60	59.97	23.2	22.5	29	30	28.4	23.1	31.8	21.9	95	96	71	69	66	87	------
26	59.14	59.48	59.83	57.88	58.56	59.98	22	22	27.8	30.8	28.9	25.4	32	20.9	93	91	79	64	67	84	------
27	58.89	59.23	59.82	57.81	58.07	59.76	23.1	22.3	29.9	31.5	28.7	25.2	32.5	21.7	90	95	65	53	66	82	------
28	58.97	59.35	60.32	58.02	58.63	59.66	24.6	22.5	28.8	32	28.5	26	32.7	22	79	91	71	54	65	82	------
29	59.20	59.37	59.56	58.05	58.73	60.24	23.2	22.4	29.9	30	27.6	24.3	32	21.8	90	94	67	65	78	85	3.3
30	59.36	59.53	60.02	58.19	58.28	59.74	23.7	21.8	29.3	28.5	27.7	25.4	31.3	21.2	85	95	68	78	79	81	4.1
Mean	58.14	58.38	59.15	57.18	57.67	59.08	23.2	22.5	28.6	29.6	27.5	24.8	31.2	21.5	89	92.2	69.9	68.5	75	85.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	100

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNE	NE	E	SE	E	NE	25.1	44.6	48	25.7	143.4	7	A.-Cu.	Cu.-N. E	7	Ci.	Cu. ENE
2	N	NNE	NE	S	E	NE	13.1	42	62.2	30.4	147.7	4	Ci.	Cu. E	9	Ci.-S.	Cu.
3	E	ESE	N	NW	WNW	Calm	21.5	23.6	22.5	11.3	78.9	10	------	N.	10	------	N.
4	N	NWbyW	NW	ESE	SEbyE	SSW	9.7	23.3	31.6	13.2	77.8	10	------	N.	10	Ci.-S.	Cu.-N. E
5	ENE	N	S	WSW	SW	W	11	45.7	40.4	22	119.1	8	Ci.-S.	S.-Cu.	8	A.-Cu. NE	Cu.-N. ESE
6	Calm	Calm	WSW	NW	SSE	NE	9.4	38.8	27.7	15	90.9	3	Ci.	Cu.	9	Ci.-S.	Cu.-N.
7	NNE	N	SW	SSW	E	NNE	15.6	43.3	48.9	25.1	132.9	5	Ci.	Cu.	4	Ci.	Cu.
8	N	NNW	NNW	SSE	N	N	18.8	33.8	32.2	20.4	105.2	9	Ci.-S.	Cu.-N. NEbyE	10	Ci.-S.	Cu.-N. NEbyE
9	NNW	NbyW	NNW	SW	NE	Calm	17.5	36.2	34	14.5	102.2	6	Ci.-S.	S.-Cu.	7	A.-Cu.	Cu.-N. ENE
10	NNE	N	SW	SSW	WNW	NE	14.2	37.6	47.3	25.4	124.5	7	A.-Cu.	Cu.-N. E	5	A.-Cu.	Cu. E
11	Calm	NbyW	S	SSW	ENE	NNE	15.6	42	55	23.5	136.1	4	Ci.	Cu. E	5	Ci.	Cu. NE
12	NE	WNW	SW	S	W	N	18.2	44	50.4	16.1	128.7	1	------	Cu.	6	Ci.	Cu. NE
13	N	NNW	E	S	NE	NEbyN	17.4	38	47.3	19	121.7	10	Ci.-S.	Cu.-N. ENE	8	Ci.	Cu. ENE
14	N	NNE	E	SSE	Calm	Calm	17.9	37.5	46.2	17.7	119.3	9	A.-Cu. E	Cu.-N.	9	A.-Cu. E	Cu.-N.
15	Calm	NW	S	S	SE	E	14.8	50.1	53.9	33	151.8	8	A.-Cu.	Cu.-N. E	8	A.-Cu.	Cu. E
16	Calm	N	WSW	E	NNE	E	16.7	37.8	50.2	30.1	134.8	2	------	Cu. E	4	Ci.	Cu.
17	Calm	NNW	SW	S	SSE	NbyE	5	36.4	39.7	15.8	96.9	1	Ci.	S.-Cu.	8	Ci.	Cu.-N. ENE
18	N	NbyE	SW	S	NbyW	NbyE	15	37.6	55.3	17.9	125.8	1	Ci.	Cu.	4	Ci.	Cu.
19	N	NNW	W	SSE	ESE	NNW	17.2	30.6	49.6	17.4	114.8	8	Ci.-S. SE	Cu.	10	Ci.-S.	Cu.-N. E
20	NNW	NNW	WSW	S	SW	NE	18.5	38	50.5	21.5	128.5	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu. ENE
21	NbyE	N	W	SSW	SSE	NNW	17.1	38.4	47	26.6	129.1	7	Ci.	S.-Cu.	10	A.-Cu. E	Cu.-N. ENE
22	NNW	NNW	NNW	N	NNW	N	16.7	34.6	40.8	16.4	108.5	10	------	N.	10	Ci.-S.	Cu.-N.
23	Calm	SSE	SbyE	S	SSE	SE	13.1	65.7	71	20.3	170.1	10	A.-Cu.	Cu.-N. SE	8	A.-Cu. S	Cu.-N.
24	SE	SE	SSE	SSE	SSE	SSE	31.7	48.9	36.5	14.8	131.9	10	Ci.-S.	Cu.-N. SE	10	Ci.-S.	Cu.-N.
25	S	N	SW	S	ESE	NNE	16.6	38.8	50.9	22	128.3	8	Ci.-S.	S.Cu.	8	Ci.-S.	Cu.-N.
26	N	NNW	SSE	SSE	ESE	NNE	19.8	38.9	70.2	21.7	150.6	5	Ci. ESE	S.Cu.	5	A.-Cu.	Cu. E
27	NNE	NNE	SW	SE	ENE	NbyE	18.3	37.8	51	16.1	123.2	5	A.-Cu.	Cu.	6	Ci.	Cu. ENE
28	NNE	NNE	SSE	ENE	SSE	NE	16.7	37	40.4	12.6	106.7	5	A.-Cu. E	Cu.	6	A.-Cu. ENE	Cu.
29	NNE	NE	S	SSE	ESE	NE	18.2	46.4	40.4	16.6	121.6	2	Ci.	Cu.	4	Ci.	Cu. E
30	NNE	NbyE	SSW	SSW	SSE	NNE	18.8	42.6	31.7	23.5	116.6	6	Ci.	Cu.	7	Ci.	Cu.-N.
Mean	------	------	------	------	------	------	16.6	39.7	45.8	20.2	122.3	6.3	------	------	7.5	------	------
Total	------	------	------	------	------	------	------	------	------	------	3,667.7	------	------	------	------	------	------

ORMOC.

[φ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, −1.83 mm.]

MAY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.87	59.08	59.58	57.69	57.74	58.95	23	23.7	29	27.6	25.8	25	30.3	22.1	94	89	75	79	96	92	10.2
2	57.96	58.10	58.72	57	56.98	58.43	24	23.1	29.5	24.7	28	25.1	30.4	22	93	92	70	94	81	95	3.6
3	57.43	57.70	58.63	56.83	57.19	58.88	23	22.2	28.7	24.5	26.2	22.9	30.4	21.7	93	96	71	91	86	95	14.5
4	58.01	57.84	58.44	55.67	57.19	58.56	22.6	22.5	28.8	30.1	26	24	32.8	21.6	91	93	71	71	88	95	2
5	57.52	57.49	57.28	55.53	56.05	57.48	22	21.1	29.5	30.5	27.2	25	31.5	20.6	91	95	66	65	78	90	1.3
6	56.62	56.53	57.38	55.48	56.07	56.94	23.3	24.4	28.9	30.8	28	26.1	31.2	21.4	90	94	71	62	80	82	------
7	56.88	56.56	58.22	55.81	56.14	57.71	25.6	26.4	29	30	28.6	25.8	32	22.3	80	86	79	75	77	90	------
8	56.61	56.67	57.87	55.61	55.87	57.36	25.8	25.6	29	30	28.6	25.6	32	23.8	90	90	74	67	78	88	------
9	57.11	56.89	57.19	55.65	55.85	57.53	24.3	23.7	30	28.5	26.9	23.9	31	22.9	94	95	71	78	89	92	------
10	56.94	57.37	57.55	55.82	56.35	57.81	23	22.5	29.8	28.2	25.5	24.5	30.7	21.9	94	96	74	80	88	93	4.3
11	57.13	57.99	58.82	56.45	56.55	57.86	24	22.5	29.5	29.2	27	24	31.7	22	91	93	70	71	86	96	12.7
12	57.50	57.90	58.58	56.83	56.53	58.48	23	21.6	29.5	30	28.9	24.6	31.1	21.1	91	95	60	69	75	92	------
13	57.75	57.75	57.98	56.01	56.13	57.89	23	22	29.4	31	29.6	24	32	21.7	95	97	68	64	71	91	------
14	57.10	57.23	58.14	55.80	55.98	57.96	22.8	22	29.7	30.8	29.5	25.7	32.1	21.3	96	96	64	68	67	90	------
15	56.98	57.59	58.71	56.67	57.04	58.71	23.4	21.7	29.5	30	28.6	22	31.9	21.2	90	95	58	65	64	88	------
16	58.08	58.51	59.66	57.51	58.06	59.10	21.3	20.9	28.8	30.1	28.9	23.7	32	20.2	95	96	71	68	69	94	1.5
17	58.59	59.31	59.64	57.43	57.53	59.15	23.1	23.5	26.4	30.3	29	24.5	31	22.3	95	96	94	63	74	92	9.9
18	58.33	58.88	59.38	57.86	58.57	59.50	23.3	23.5	29.7	30	28.8	25.5	32	22.2	84	87	69	71	76	88	------
19	58.83	59.09	59.93	58.02	58.82	60.60	24.1	23	30	29.5	25.8	24	31.3	22.8	92	97	74	71	91	91	------
20	59.80	60.10	61.03	58.97	59.53	61.20	23	22.5	29	29	28.6	25.1	30.5	21.9	95	96	78	64	73	90	------
21	60	59.92	60.02	58.41	58.69	60.18	23.8	23	30	27.9	28.5	23.6	31.9	22.4	91	94	73	78	64	90	------
22	59.32	59.52	59.82	57.87	57.62	59.03	22.9	21.8	29.9	31	27.4	25	32.3	21.4	90	94	59	59	79	89	------
23	57.97	58.07	58.98	56.96	57.43	58.82	22.5	22	29.5	30	27.8	24.5	32.4	21.8	96	96	70	71	80	95	------
24	57.84	57.76	58.40	56.56	57.63	58.96	23.4	23.7	29.5	30	29	25.5	31.6	22.5	94	96	70	70	69	87	------
25	58.18	58.24	59.12	57.30	57.95	59.23	23.9	22.9	29.3	30.2	28.5	24.5	31.7	22.5	92	97	72	69	79	88	3.6
26	58.68	58.77	59.42	57.46	57.41	58.72	24	25.2	29.7	29.8	29	25.3	31.2	22.7	87	83	73	69	74	89	------
27	57.96	57.26	58.29	56.63	56.78	58.47	24.3	23.8	30.3	30.8	29.5	25.3	32.2	22.9	92	95	71	67	75	87	4.8
28	57.57	57.96	58.18	56.37	56.91	58.96	24.9	24.9	29.7	31.1	30	24.8	32.3	23.9	94	93	71	66	65	89	------
29	58.33	59.17	59.17	57.94	58.40	59.66	24.7	23.7	29.2	29.5	28.9	24	30.9	23.4	88	94	76	75	80	91	------
30	58.68	58.95	59.74	57.80	58.43	59.50	23	22.7	28.3	27.3	28	25.5	31.1	21.9	94	92	72	82	72	92	5.8
31	58.89	58.68	58.98	57.19	57.27	58.91	24.1	23.1	27.3	29.3	28.4	24.1	29.7	22.7	95	97	82	74	77	91	------
Mean	57.98	58.16	58.80	56.88	57.25	58.73	23.5	23.1	29.2	29.4	28.1	24.6	31.5	22.1	91.8	93.7	71.5	71.5	77.5	90.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	74.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NbyE	NNE	SSW	WNW	ENE	NNE	20.3	40	31.7	20.7	112.7	5	Ci.	Cu. E	9	Ci.-S.	N.
2	NbyE	N	SSW	NE	Calm	WNW	13.1	34	25.9	12.1	85.1	6	A.-Cu. E	S.-Cu.	10	Ci.-S.	Cu.-N.
3	W	WbyN	S	E	SSW	NW	14.3	35.7	23	15.6	88.6	7	Ci. W	S.-Cu.	10	------	N.
4	N	NbyE	SW	SSE	NWbyN	NbyW	15	27.2	39.6	13.9	95.7	7	Ci.-S.	Cu. NE	9	Ci.	Cu.-N. NE
5	N	NbyW	N	NW	Calm	NbyW	12.3	38	46.2	14.7	111.2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. N
6	N	N	WSW	WSW	NWbyW	N	15.9	28.2	40.7	18	102.8	10	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu.-N. WSW
7	SbyE	SSE	SSE	SSE	SSE	E	30.4	37	31.1	17.5	116	10	Ci.-S.	S.-Cu.	6	Ci.	Cu. SW
8	E	EbyN	SSE	S	S	SSE	18.8	26.4	13.9	16.3	75.4	5	Ci.-S.	Cu.-N. SW	2	Ci.	Cu.
9	SSE	SSE	SbyW	SE	SSE	NE	13.9	26.2	22.2	12.7	75	6	A.-Cu. SE	Cu.	10	Ci.-S.	Cu.-N.
10	Calm	N	S	WNW	WSW	Calm	14.7	33	24.9	13.5	86.1	3	Ci. SE	Cu.	10	Ci.-S.	Cu.-N. NE
11	N	NNW	SW	NNE	Calm	N	15.5	25.4	30	16.1	87	5	A.-Cu. NE	Cu.	10	Ci.-S.	Cu.-N.
12	NNW	NW	W	S	SSE	SE	17.2	30.1	36.8	16.4	100.5	7	Ci. E	Cu.	9	Ci.	Cu.-N. NNE
13	S	NNW	SSW	S	SSE	N	17.9	28	38.3	16.1	100.3	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. NNE
14	N	N	W	S	ESE	WNW	15.3	29.8	24.6	15.3	85	9	Ci.-S.	S.-Cu.	4	Ci.	Cu. N
15	W	WbyN	WSW	SSE	NE	NNE	15	25.4	18	13.9	72.3	7	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N.
16	NbyW	Calm	SE	S	S	N	11.3	23.5	28.7	16.7	80.2	9	Ci.-S.	S.-Cu.	5	Ci.	Cu.
17	Calm	NWbyN	SE	SSE	SbyE	N	13.7	25.2	21.2	16.6	76.7	10	A.-Cu. W	Cu.-N.	9	Ci.-S.	Cu.-N.
18	N	NbyW	S	S	S	S	14.2	28.2	29.6	14.8	86.8	9	Ci.-S. SW	Cu.-N.	8	Ci.-S.	Cu.-N.
19	SE	NNE	S	SSE	NNW	NNW	13.5	21.1	20.7	11.6	66.9	9	A.-Cu.	S.-Cu.	9	Ci.-S.	Fr.-N.
20	NNW	NNW	SSW	Calm	SSW	E	13.7	18.3	11	15.6	58.6	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N.
21	N	NNW	S	NNW	SE	NNE	14.8	22.2	20.9	19.1	77	7	A.-Cu. SE	S.-Cu.	9	Ci.-S.	Cu.-N.
22	NbyW	N	W	SSW	NE	NNE	16.4	28.7	24.4	21.1	90.6	2	Ci.	Cu.	9	Ci.-S.	Cu.-N.
23	Calm	Calm	Calm	SSE	Calm	NNW	8	11.9	12.1	13.9	45.9	8	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.-N. N
24	NNE	NE	S	S	S	NNE	15.6	14.7	13.1	14.3	57.7	10	Ci.-S.	Cu.-N. SE	9	Ci.-S.	Cu.-N.
25	NNE	N	S	SSE	SSE	N	11.6	15.6	21.7	13.7	62.6	8	Ci.-S. EbyN	Cu.-N	9	Ci.-S.	Cu.-N.
26	NNW	E	SbyE	S	Calm	N	18.7	29.6	22.2	16.6	87.1	9	Ci.-S. E	Cu.-N.	9	Ci.-S.	Cu.
27	N	N	S	S	SbyE	SE	14.5	30.3	24.7	20.4	89.9	5	A.-Cu. SSE	Cu.	2	A.-Cu. E	Cu.
28	NNE	N	S	S	SE	NNE	18.2	25.1	30.1	14.2	87.6	7	A.-Cu. S	Cu.-N.	8	Ci.-S.	Cu.
29	N	NNW	S	S	Calm	NbyE	16.7	26.4	27.4	12.1	82.6	10	A.-Cu. NbyW	Cu.-N.	8	Ci.-S.	Cu.-N. NE
30	N	N	SSE	SSE	ESE	NNE	18.2	23.1	34.1	17.4	92.8	8	A.-Cu. E	S.-Cu.	10	Ci.-S.	Cu.-N.
31	ENE	Calm	NNW	SSW	S	NE	15.8	19.5	30	16.7	82	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	15.6	26.7	26.4	15.7	84.5	7.7	------	------	8.2	------	------
Total	------	------	------	------	------	------	------	------	------	------	2,618.7	------	------	------	------	------	------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

JUNE, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	58.09	58.24	58.87	57.20	57.32	59	23.5	22.6	30.3	30.5	28.6	25.9	31.7	22.2	90	97	63	66	79	78	------
2	58.10	58.36	58.70	56.72	56.71	58.44	22.3	21.5	29	31.3	29.5	25.3	32.3	20.9	94	95	71	62	61	83	------
3	57.44	57.62	58.19	56.18	56.15	57.73	23.4	21.9	30.1	29.8	28.5	24.9	31.5	21.6	90	95	63	67	72	88	0.8
4	57.16	56.79	57.59	55.96	55.56	57.46	23.9	23.1	29.5	30.5	30	26.9	32.5	22.9	89	95	71	66	69	83	.5
5	57.23	57.51	58.64	57.09	57.56	58.55	24.5	24.7	29	32.2	29.7	24.2	32.9	23.5	91	92	71	53	60	82	------
6	58.41	59.10	59.62	57.72	58.08	59.48	21.4	20.2	29.2	31.2	29.3	24.5	32.4	20	86	93	63	58	66	87	------
7	58.98	58.78	59.38	57.75	57.68	59.39	23.6	21.6	29.5	31.5	29.8	27.1	32.4	21.4	86	99	68	62	68	74	.8
8	58.99	58	59.78	58.13	57.68	59.04	22.7	22.5	28.3	28.9	28	23.6	29.7	21.7	90	93	74	71	67	91	------
9	58.44	58.73	59.33	57.49	57.83	59.59	23.7	24.6	30	31.3	28.9	23.4	32.7	22.5	93	91	62	60	57	84	------
10	58.92	59.36	59.77	58.02	57.86	59.89	23	21.4	31.5	33.3	30	25.2	33.5	20.6	83	92	51	45	53	78	------
11	59.31	59.69	60.25	58.70	59.58	60.73	25.7	23.7	28.7	28.2	27.4	25	29.8	23.4	81	92	66	69	67	87	3
12	59.52	60.12	60.21	58.33	58.83	60.45	23.6	23.2	26.8	33	29.6	26.5	33.8	22.7	95	96	82	47	64	77	.3
13	58.93	58.63	58.90	57.08	57.75	59.03	24	23.7	29.3	30	28.5	24.5	32	22.5	91	91	72	70	67	86	.8
14	58.62	59.04	59.68	58.47	57.30	59.49	23.6	23.4	30.3	29	27.8	25.5	31	22.5	89	93	68	64	71	78	------
15	58.69	58.59	59.12	57.25	57.72	59.23	23	22	28.8	31.8	27.8	24.9	32.5	21.2	92	93	73	57	84	92	1.8
16	58.09	58.10	58.53	57.09	57.82	58.94	23.9	22.7	29.3	32.4	29.2	26.1	33.6	22.4	91	96	71	52	59	73	------
17	58.29	58.33	58.99	57.10	57.26	58.35	23.5	22.5	28.9	31.2	27	24.1	32.2	22	91	96	71	55	64	86	------
18	57.62	57.39	58.42	57.06	57.30	58.75	23.8	23.7	30	24.8	25.5	25	30.9	22.4	85	85	68	98	92	95	23.9
19	57.89	58.03	59.07	57.55	57.87	59.19	23.3	22.7	27.7	29	26.1	24.2	30	22.3	95	96	76	73	86	94	1.5
20	58.44	57.99	58.55	56.73	58.08	58.84	23.7	23.4	28.5	29.2	22.5	22.8	29.9	22	94	97	77	71	93	97	16
21	58.43	58.52	58.30	56.53	57.36	59.05	22.9	22.8	28	31	28.8	24.2	32	21.8	96	94	73	56	67	93	.8
22	58.47	58.37	58.39	56.83	57.05	58.20	24.1	22.8	27.8	30.6	25	24.5	31	22.5	91	97	75	68	86	91	1
23	57.19	56.50	57.59	56.65	56.18	57.93	23	23	28.7	24.5	24.7	22.8	29.6	22	96	97	73	96	94	97	22.9
24	57	56.95	57.25	55.48	56.45	57.76	22.3	21.5	28.7	29.3	24	24.5	30.6	20.2	95	97	74	69	91	95	21.1
25	56.90	57.07	57.58	56.23	57.03	58.45	23	22.6	29.6	28.6	26.5	24.6	30.4	21.8	96	97	73	71	84	92	3
26	57.32	57.66	57.99	56.77	57.58	58.72	24.3	23.1	28.5	28	23.5	23.3	31.9	22.5	92	97	78	77	91	97	5.1
27	57.48	57.77	58.63	56.95	57.13	58.98	23	22.5	29.4	29	26.1	24.1	30.8	22	96	96	73	70	95	95	1.3
28	58.48	58.52	58.64	57.05	57.68	59.10	22.7	22.7	28.7	29.5	27.7	23.9	30.4	22.3	97	97	73	71	80	93	1.5
29	58.50	58.20	58.96	58.08	57.66	58.66	22.7	21.8	28.6	24.5	24	22.3	31.4	21.3	93	97	73	96	96	97	26.7
30	58.68	58.49	58.80	57.10	57.44	58.48	22.3	22.5	28.1	25.9	26.5	24.5	30.5	21.8	96	95	77	85	88	92	7.4
Mean	58.19	58.22	58.79	57.18	57.45	58.90	23.3	22.7	·29	29.7	27.4	24.6	31.5	22	91.5	94.7	70.8	67.5	75.8	87.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	140.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NNW	SSW	SSE	SSE	NE	16.7	29.6	31.6	25.1	103	3	Ci.	Cu.	5	Ci.-S.	Cu.-N.
2	N	NbyE	N	SSW	SE	E	14.3	25.2	31.7	23.5	94.7	2	Ci.	Cu. E	5	Ci.	Cu. E
3	NW	N	WSW	SSW	SSE	EbyS	13.7	27.4	25.1	20.3	86.5	8	Ci.-S. E	S.-Cu.	10	Ci.-S.	Cu.-N.
4	E	NNE	S	SSE	SSE	SE	15	24.7	25.9	15.1	80.7	9	A.-Cu. ESE	Cu.-N. E	9	Ci.-S.	Cu.-N.
5	E	N	SSE	SSE	SE	NE	13.4	23.5	30.6	17.7	85.2	8	Ci.-Cu. E	Cu.-N. E	5	Ci.	Cu.
6	NNE	N	WSW	SSW	E	NE	12.7	27.6	29.6	15.8	85.7	4	Ci.-S. S	Cu.	9	Ci.-S.	Cu.-N.
7	N	N	SW	S	N	ENE	14.3	28.8	34.1	26.4	103.6	5	Ci.	Cu.-N. E	7	Ci.	Cu. E
8	NE	NbyW	N	NNW	ENE	NNE	15.3	24.6	26.2	12.6	78.7	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. E
9	NbyE	N	ESE	S	SE	NNE	12.7	27.9	32.4	22	95	8	A.-Cu. E	Cu.-N.	6	Ci.	Cu.
10	N	N	SE	ESE	ENE	NNE	16.4	26.4	24.6	25.9	93.3	1	Ci.	Cu.	7	Ci.-S. ESE	Cu. E
11	N	N	NE	SW	ESE	E	12.9	21.9	25.7	19.1	79.6	8	A.-Cu.	Cu.-N. E	10	Ci.-S.	Cu.-N.
12	E	N	W	E	NE	ENE	11.6	21.4	34.1	16.3	83.4	8	Ci.-S.	Cu.-N. E	5	Ci.	Cu. E
13	N	Calm	S	S	SSE	NNE	13.4	19.5	13.7	16.3	62.9	6	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N.
14	N	N	SSW	SE	SSE	ESE	13.9	19.5	20.4	22.5	76.3	4	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.
15	NNE	Calm	SSW	SSE	W	NNE	11.5	24.6	19.5	11.8	67.4	2	A.-Cu. SE	Cu. E	6	Ci.-S.	Cu.-N. E
16	Calm	Calm	W	SE	ESE	ESE	8.6	20.4	27.2	17.1	73.3	9	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.-N. E
17	Calm	NW	WSW	NE	NE	Calm	10.3	22.5	19.3	12.9	65	10	A.-Cu. SE	Cu.-N. E	10	Ci.-S.	Cu.-N. E
18	Calm	NE	SSW	N	NW	N	11.5	16.9	22	14.5	64.9	5	Ci.-S.	Cu.-N.	10	A.-Cu.	Cu.-N.
19	NW	NWbyW	SSE	S	ESE	Calm	12.6	17.9	19.9	7.5	57.9	10	Ci.-S.	Cu.-N.	10	Ci.-Cu.	Cu.-N.
20	N	N	S	S	NW	Calm	12.4	22	16.4	8	58.8	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
21	N	NNW	WSW	SE	SE	Calm	12.1	20.1	21.2	16.1	69.5	10	A.-Cu. E	Cu.-N.	8	A.-Cu.	Cu.-N. E
22	N	N	S	SSW	ENE	N	9.5	20.4	30	12.4	72.3	10	Ci.-S. SE	Cu.-N.	10	Ci.-S.	Cu.-N. E
23	Calm	N	SW	NNE	Calm	Calm	9.4	26.4	18.8	8.9	63.5	10	A.-Cu. SE	Cu.-N.	10	Ci.-S.	Cu.-N.
24	NNW	Calm	SW	SSE	N	Calm	11.1	26	22.3	10.7	70.1	4	Ci.-S. N	Cu.	8	Ci.-S.	Cu.-N. E
25	N	NNW	SW	NNE	SE	Calm	10.5	28.2	21.9	11.8	72.4	7	Ci.-S. SW	Cu.-N.	10	Ci.-S.	Cu.-N.
26	N	Calm	S	SE	NE	NNE	11.6	19.3	22.5	13.2	66.6	8	A.-Cu. S	Cu.-N.	10	Ci.-S.	Cu.-N.
27	N	N	S	S	Calm	NNW	11.3	22.2	17.7	11.9	63.1	7	Ci.-Cu. SE	S.-Cu.	10	Ci.-S.	Cu.-N.
28	Calm	N	S	S	S	Calm	11.1	15.1	21.4	10	57.6	3	Ci.-S.	Cu.	10	A.-Cu. SE	Cu.-N.
29	NbyE	N	S	Calm	Calm	NNE	11.3	18.7	14.8	11	55.8	8	Ci.-S. EbyS	Cu.	10	Ci.-S.	Cu.-N.
30	N	N	S	ENE	Calm	Calm	12.3	19.8	19	11.3	62.4	9	A.-Cu. NbyE	Cu.-N.	10	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	12.4	23	24	15.6	75	6.8	------	------	8.5	------	------
Total	------	------	------	------	------	------	------	------	------	------	2,249.2	----	------	------	----	------	------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

JULY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.04	57.69	58.05	57.10	57.51	59.37	23.9	23.2	28.3	24.5	25	22.9	29.1	22.6	91	98	75	92	90	97	22.1
2	58.18	58.03	59.06	57.65	57.73	59.90	22.8	22.5	28	28.6	27.7	23.3	30.1	22	97	98	77	77	81	97	11.7
3	58.27	58.50	58.82	57.66	57.69	59.65	22.7	21.4	28.4	30.1	28.5	25.5	31.2	21	92	96	71	71	74	85	------
4	58.52	58.23	58.79	57.53	58.34	60.19	24.6	22.7	28.8	29.5	28	24.1	32.2	22.3	92	97	75	70	81	95	------
5	59.32	59.67	60.63	59.03	59.38	61.18	23.9	21.9	30	30	28.5	24	30.9	21.5	90	94	62	68	78	91	------
6	60.52	60.80	61.20	59.49	59.39	61.56	22.8	22	29.5	27.5	29	24.3	31	21.5	93	96	73	87	74	89	4.3
7	60.31	60.41	60.86	59.32	59.57	61.30	22.7	22.1	24.8	28.8	28.5	24	30.4	21.2	95	94	92	72	73	91	2
8	60.31	60.25	60.55	59.03	59.03	60.71	23	22.1	28.6	29.5	27.6	23.5	30.4	21.8	92	96	74	74	76	92	2.3
9	59.50	59.39	59.58	57.99	58.14	59.76	24.9	25.2	28.5	29.9	29.6	24.5	30.8	23.6	88	86	75	69	61	87	------
10	59.27	59.22	59.48	57.92	57.84	58.99	23.7	22.5	29.5	30	29	24.8	30.7	21.9	94	96	72	68	68	86	------
11	58.59	58.68	59.38	58.12	58.27	59.45	24.8	24.8	29	25	25.5	23.9	30	22.6	83	85	71	92	93	96	2.6
12	58.69	58.94	59.15	57.13	56.92	58.45	23.4	22.7	25.5	29	28.6	24.5	30.6	22.1	91	94	84	64	66	91	1.5
13	57.88	57.69	57.70	55.93	56.03	57.38	23.7	22.6	28	29.5	28.5	23.4	30.2	22.2	89	95	70	68	74	90	1
14	56.39	55.97	56.53	54.68	54.90	56.72	24.1	22.3	28.5	29.5	27	25.7	30.2	21.9	86	97	78	65	77	86	50
15	56.38	56.74	57.56	55.85	56.58	57.50	22.7	22.8	28.5	30	27.5	26.3	30.4	22.1	97	97	73	67	81	82	------
16	57.19	57.58	58.28	56.65	56.94	58.53	23.6	25.6	29	30	27.5	23.1	30.5	22.2	99	83	71	64	81	95	------
17	57.90	58.23	58.81	57.33	57.62	59.40	22.1	20.7	29.5	30.5	27.5	23.3	32.2	20.2	91	94	64	65	78	93	------
18	58.86	58.74	59.19	57.43	57.43	58.56	22.1	21.6	29.5	31.5	27.8	24.5	32.2	20.7	95	93	68	63	80	87	------
19	57.01	57.39	57.60	55.81	56.38	57.56	24.3	22.7	30	30.6	26.1	24.5	33.1	21.9	86	94	67	55	85	96	1
20	56.72	57.31	57.83	56.20	57.33	59.35	23.8	23.5	29.8	31.1	29	25	32.5	22.7	95	95	70	68	71	83	------
21	58.58	59.25	59.14	57.79	58.89	60.48	22.2	21.8	30.2	32.1	26	25.9	33	20.8	90	92	64	63	92	82	13.5
22	58.63?	58.57	58.64	56.96	57.69	59.05	24.5	23.5	29	30.2	29.1	26.1	32	23.1	97	96	71	70	78	93	------
23	57.72	57	57.22	55.35	55.78	57.05	24.3	22.6	30	31	25	24.1	31.7	22.2	92	96	61	66	90	92	12.4
24	56.79	55.93	56.95	55.37	55.48	57.09	23	22.5	28.2	29.5	28.5	25.6	30.7	21.9	97	96	80	72	78	92	------
25	56.21	55.68	56.87	55.66	56.60	57.97	24.9	22.2	29	31	27	24.5	32	22	91	96	75	69	84	95	------
26	57.04	57.07	57.82	57.08	57.40	58.41	22.8	22.3	29.1	27	26.6	23	30.7	21.9	96	96	74	73	83	97	------
27	57.91	58.69	58.33	56.65	56.78	58.37	21.6	21.6	29.5	30.5	29.5	24.2	32.1	20.8	96	96	68	68	71	94	------
28	57.44	57.79	57.95	56.85	56.44	58.27	23.7	23.1	27.1	28.8	28	25	29.6	22.3	95	95	83	76	85	92	4.8
29	57.34	56.92	57.68	56.01	56.45	58.11	24	24.8	29.1	30	28.5	23.6	30.5	23	98	87	74	69	74	95	8.9
30	57.77	57.56	58.63	56.95	57.55	59.11	23.8	23.5	28.6	31	28.3	25.5	31.7	22.9	97	97	75	62	75	88	------
31	57.98	58.89	59.69	57.33	57.88	59.31	24.1	23.7	30	30.3	28.9	25	31.8	23	97	96	73	66	75	92	13.8
Mean	58.11	58.16	58.64	57.09	57.42	58.99	23.5	22.8	28.8	29.6	27.8	24.4	31.1	22	93	94.2	72.9	70.1	78.3	91	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	151.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
												0–10			*0–10*		
1	N	Calm	W	NNE	N	NNE	11.5	20.9	21.4	12.9	66.7	7	A.-Cu. N	Cu.-N.	10	Ci.-S.	Cu.-N.
2	Calm	Calm	S	SSE	SSE	Calm	10.7	15.9	18.7	9.2	54.5	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. W
3	Calm	Calm	Calm	S	ESE	E	1	3.4	15.6	13.7	33.7	10	A.-Cu. NW	Cu.-N.	8	------	Cu.-N. NW
4	NNE	NE	S	SbyE	SE	NE	9.9	17.1	20.4	15.6	63	4	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N.
5	NNE	N	SbyW	wbys	Calm	N	12.1	19	20.3	13.9	65.3	5	A.-Cu. SE	Cu.	5	Ci.-S.	Cu.-N. E
6	N	WNW	SW	S	S	N	13.1	21.2	19.8	12.1	66.2	3	A.-Cu. SE	Cu.	7	Ci.-S.	Cu.-N. E
7	N	Nbyw	Nbyw	NE	SbyE	S	12.1	15.3	22.8	13.1	63.3	9	Ci.-S.	Cu.-N.	8	Ci.-S. E	Cu.-N. E
8	SE	N	S	S	S	N	10.7	15.9	14.8	14.2	55.6	4	Ci.-S.	Cu. SSE	3	Ci.-S.	Cu.-N.NE
9	ENE	E	SE	SbyE	SbyE	N	25.2	24.6	20.3	15.6	85.7	8	Ci.-S.	Cu.-N. SW	2	Ci.-S.	Cu.
10	N	NE	SbyE	SE	SE	NE	12.9	17.9	21.4	13.9	66.1	6	Ci. E	Cu.	5	Ci.-S.	Cu.-N.
11	NE	E	SbyE	SE	Calm	Calm	17.5	19.9	18	7	62.4	5	A.-Cu.	Cu.	10	Ci.-S.	N.
12	NbyE	N	N	S	SSE	Calm	11.3	17.7	24.1	11.3	64.4	9	A.-Cu. NE	Cu.-N.	9	A.-Cu. E	Cu.-N.
13	S	SE	N	S	SE	N	------	------	------	------	------	10	Ci.-S.	Cu.-N.	9	Ci.-S. E	Cu.-N.
14	N	N	SSE	SSE	SSE	N	14.5	51	70.6	20.1	156.2	8	Ci.-S. E	Cu.	10	Ci.-S. NEbyE	Cu.
15	NNE	NE	SE	SbyE	Calm	N	32	26.8	54.1	20.1	133	10	Ci.-S.	Cu.-N. W	9	Ci.-S.	Cu.-N.
16	SSE	SE	S	SbyE	SE	NNW	19.3	70	60.7	19.3	169.3	7	Ci.	Cu.-N.SSW	9	Ci.-S.	Cu.
17	N	Nbyw	S	S	E	N	19.5	26	40.7	14.5	100.7	10	Ci.-S.	Cu.	5	Ci.-S. E	Cu.
18	N	NNW	SW	SSW	NE	Calm	19.9	32.2	44.1	15.8	112	10	Ci.-S.	Cu.	5	Ci.	Cu.-N.NNE
19	NNE	N	S	ENE	Nbyw	N	20.6	48.5	55	14.3	138.4	6	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
20	Calm	N	SSW	S	Calm	E	11.9	38.3	61.2	24.4	135.8	7	Ci.-S.	Cu.-N.	4	Ci. E	Cu.
21	NNE	N	SW	sbyw	SSW	E	23.8	37.6	53.6	19.9	134.9	4	A.-Cu. E	Cu.	7	Ci.-S.	Cu. E
22	N	NE	SW	SE	N	Calm	17.9	31.7	62.2	16.4	128.2	5	Ci.-S. E	Cu. E	8	Ci.-S.	Cu.
23	N	NNW	SW	S	SE	NW	16.1	35.9	51.2	16.9	120.1	5	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu. W
24	NNE	N	SbyE	S	NNW	E	15.3	27.2	41.6	10.5	94.6	7	Ci.-S. E	Cu.-N.	10	Ci.-S.	Cu.-N. E
25	N	NNW	S	S	E	NNE	12.4	29.5	42.4	15.3	99.6	3	Ci.	S.-Cu.	7	Ci.-S. E	Cu. ENE
26	NE	N	S	N	NNW	NW	17.1	35.1	45.1	13.1	110.4	5	Ci.-S.	Cu.-N.	10	Ci.-S. E	Cu.-N.
27	N	Nbyw	SSW	S	Calm	Nbyw	15	32.5	46.4	13.4	107.3	1	Ci.	Cu.	6	Ci. SE	Cu.
28	N	Nbyw	NbyE	sbyw	SW	NW	15.1	27.9	14	19.6	76.6	10	Ci.	Cu.-N.wbys	10	Ci.-S.	Cu.
29	NE	NNE	SbyE	SSE	SSE	Nbyw	14.5	52	69.5	30.3	166.3	9	Ci.	S.-Cu.	8	Ci.-S. E	Cu.
30	N	Calm	SE	SSE	SE	NNE	17.5	55	67.8	14.8	155.1	10	Ci.-S. E	Cu.-N.	9	Ci. E	Cu.
31	N	N	SSE	SbyE	sbyw	Calm	13.7	55.7	56.3	18.8	144.5	3	------	Cu.-N.	8	Ci.-S.	Cu. W
Mean	------	------	------	------	------	------	15.5	30.7	39.1	15.7	101	6.7	------	------	7.5	------	------

ORMOC.

[ϕ=11° 00′ N ; λ=124° 36′ E ; barometer above sea, 5.6 meters ; gravity correction not applied, —1.83 mm.]

AUGUST, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.26	58.37	58.74	56.85	57.15	59.25	24.3	23.7	29.9	29	27.5	24.5	30.9	23.1	95	99	69	74	84	89	------
2	57.72	57.54	57.70	56.22	56.63	58.17	22.9	23.5	29	29.3	27	24.8	31	22.2	94	92	74	69	81	92	------
3	57.52	57.24	57.90	56.37	57	58.08	23.3	23.1	29.2	29.3	26.5	25.2	30.5	22.5	96	95	74	72	88	83	26.7
4	57.84	57.84	58.20	56.65	57.07	58.63	23.7	22.4	28.5	28.5	28.7	26.1	30.5	22	96	98	73	74	75	91	.8
5	58.11	58.27	58.83	56.96	57.20	58.68	25.5	24	29.3	30	26.5	24	31.6	23.5	91	91	69	69	88	97	------
6	58.35	58.44	58.95	57.10	57.16	58.87	23.2	23	28.5	30.5	29	25.3	31.6	22.5	96	96	78	65	75	89	1
7	58.32	57.92	58.25	56.78	56.67	57.94	23.8	23.5	29.5	29.9	29.2	25.5	31.4	23.2	94	96	69	73	66	88	21.1
8	58.57	58.07	59.55	57	56.64	58.35	24.7	23.9	23	29.8	28.5	26.5	30	21.2	92	91	100	66	70	84	45.7
9	58.34	57.79	58.53	56.89	57.50	59.30	23.1	23.6	29.1	30	28.5	23.5	30.9	21.9	94	93	75	56	74	93	1.3
10	58.63	58.37	58.69	56.82	57.04	59.33	23.1	23.4	30	29.8	28	25.1	31.1	22.4	97	97	64	67	74	85	54.1
11	58.27	57.94	58.71	57.09	57.56	58.96	23.1	22.8	29.2	29.7	27.5	26.4	30.2	22.3	99	93	74	67	81	86	16.5
12	58.87	58.65	59.64	57.50	58.04	58.77	23.5	22.5	27.7	29.5	24.5	24.5	30.3	22	94	99	82	73	92	97	6.9
13	57.89	57.62	57.99	56.22	56.58	57.60	22.9	25	28.4	30	27.9	26	31.1	22.4	97	88	78	68	82	83	2.3
14	57.21	57.21	58.05	56.50	57.21	58.25	25	24.4	28.5	28	26	24.9	30	23.6	93	92	73	70	84	88	66.7
15	58.13	59.04	58.86	56.70	57.03	58.55	24.3	22.5	26.5	29.5	27.5	24.5	29.9	22.1	92	97	82	72	81	90	2.8
16	58.78	59.01	58.84	56.57	56.44	58.17	24	23.1	27.5	29.5	28.5	24.5	30.3	22.9	90	95	77	62	64	92	------
17	57.50	57.34	58.12	56.27	56.45	58.42	23.9	22.6	29.5	30	28.5	24.5	31.9	22.3	90	97	75	68	76	88	------
18	57.86	57.72	58.23	56.38	56.73	58.59	22.9	21.5	29.5	31.4	28	25.3	32.2	21.1	88	95	69	61	81	83	------
19	57.64	57.39	58.41	56.39	56.95	58.72	22.8	21.4	29	31.8	28.2	25	33	21	89	95	68	63	78	92	------
20	57.73	57.60	58.06	56.57	57.36	58.82	24.4	23	28	26.3	25.2	24	30.1	22.5	94	94	74	84	94	96	14.3
21	58.20	58.12	58.49	56.85	58	59.30	23.4	23.2	28.5	28.4	26.6	24.8	30.4	22.3	94	95	74	78	91	95	1.8
22	58.88	58.72	59.17	57.64	58.20	58.94	24	22.3	29	25.5	25.6	23.5	30.4	21.8	94	97	69	90	91	96	12.2
23	58.18	57.83	58.51	56.15	56.90	57.92	22.5	21.8	28.6	29.4	27.7	25.6	31	21.4	97	97	70	71	82	86	------
24	56.96	57.22	57.45	56.11	56.45	57.46	23	22	29.4	29	27.2	24.1	30.5	21.7	95	96	68	71	87	95	------
25	56.69	56.35	56.37	55.27	56.34	57.40	23	22.1	29.6	31	27.5	24	32.3	21.8	92	96	69	62	84	95	------
26	56.94	56.79	56.94	55.51	56.44	57.56	22.4	21.6	29.8	31	26.8	22.5	31.7	21.1	89	94	67	58	84	87	------
27	58.13	57.46	58.06	56.46	56.88	57.98	20.6	19.6	29.6	30	25.5	24.1	32	19.2	87	94	59	67	100	90	------
28	58.24	58.14	58.19	56.28	57.42	58.93	23	23.5	29.9	30	28.5	25.8	31.7	22	95	96	69	68	78	89	------
29	58.22	57.98	58.63	56.73	56.80	59.33	24.6	23	29.5	30.2	28.2	24.6	31.2	22.5	91	94	71	70	79	92	16.5
30	58.50	57.93	58.49	56.50	56.89	58.48	23.9	24.1	28.3	28.5	26.8	24.8	29.3	23	94	91	82	78	90	92	11.4
31	57.49	57.07	57.99	55.91	57.05	57.80	23.6	23.5	30	30.8	24.6	23.5	32	22.7	98	96	68	65	97	97	25.9
Mean	58	57.84	58.34	56.56	57.03	58.47	23.5	22.9	28.8	29.5	27.3	24.8	31	22.1	93.5	94.8	73	69.4	82.3	90.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	328

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	ENE	S	SE	SSE	Calm	15.3	35.4	30.1	12.9	93.7	10	------------	Cu.-N.	8	Ci.-S.	Cu.
2	N	NbyE	S	SSE	NNW	N	13.1	41.2	22.7	11.3	88.3	3	A.-Cu.	Cu.	7	Ci.-S. E	Cu.
3	Calm	NNE	S	SSE	NbyW	NE	10	44.3	40.5	35.6	130.4	3	A.-Cu.	Cu.	10	Ci.-S.	Cu. N
4	NNE	Calm	SbyW	W	W	Calm	17.4	30.3	23.8	6.9	78.4	3	A.-Cu.	Cu.	7	Ci.-S.	Cu.
5	N	N	SSW	S	N	Calm	21.1	37.8	48.9	12.3	120.1	3	A.-Cu.	Cu.	7	A.-Cu. E	Cu.
6	NW	NNW	NW	SSW	SSW	NNE	12.4	19.1	33.8	14.7	80	7	A.-Cu. SSW	Cu.-N.	6	Ci.	Cu.-N.
7	Calm	N	SbyE	S	SSE	S	19.3	50.1	62.5	24.9	156.8	9	Ci.-S.	Cu.-N.	5	Ci.	Cu.
8	SSE	EbyN	E	SSE	S	NE	36	35.1	42	36	149.1	10	Ci.-S.	N.	8	A.-Cu. NE	Cu.
9	NNE	N	SSE	SSE	SSE	NNW	22.2	46.9	75.3	36.2	180.6	7	Ci.-S.	Cu.-N.	4	Ci. E	Cu.
10	N	NbyW	S	SSE	SSE	SW	15	50.1	80.3	46.4	191.8	10	Ci.-S.	S.-Cu.	5	Ci.	Cu.
11	NW	NNW	S	SSE	ESE	NE	10.7	38	46.7	26	121.4	7	Ci.-S. E	Cu.-N.	5	Ci.	Cu.
12	NNW	NbyW	SSE	SSE	E	SE	19.3	46.5	51	14.3	131.1	5	A.-Cu.	S.-Cu.	8	Ci.-S.	Cu.-N.
13	NE	EbyN	SSE	SbyE	Calm	N	22.2	48.6	47.7	13.2	131.7	10	Ci.-S.	Cu.-N.	6	Ci.-S. E	Cu.
14	N	NbyE	SE	SSE	EbyS	N	15.8	47.5	34.4	20.3	118	10	Ci.-S.	Cu.-N. SE	10	Ci.-S.	Cu.-N.
15	E	EbyS	SW	S	SbyW	Calm	17.5	16.7	29.3	13.2	76.7	10	------------	N.	8	Ci.-S.	Cu.-N.
16	ENE	E	S	S	SSE	Calm	24.4	35.1	46.7	12.4	118.6	10	Ci.-S.	Cu.-N.	3	Ci. NE	Cu.
17	N	NNW	SbyW	SSE	SSW	NNW	15.9	39.2	48.8	15	118.9	2	Ci.	Cu.	7	Ci.-S.	Cu.-N. E
18	N	NbyW	SSW	S	SbyE	NNW	19.8	42	49.9	16.3	128	2	A.-Cu. SE	S.-Cu.	5	Ci. E	Cu. NE
19	N	NbyW	W	SSW	NW	NNW	17.7	28.4	43.5	15.1	104.7	4	Ci.	Cu.	6	Ci.	Cu.-N. E
20	N	N	SE	N	Calm	Calm	19.1	31.2	15.5	10	75.8	6	A.-Cu. EbyN	Cu.	10	Ci.-S.	Cu.-N.
21	NbyW	NNW	SE	SE	SSE	NNE	15.9	29.2	26.6	15	86.7	10	Ci.-S.	N.	9	A.-Cu. SE	Cu.
22	N	N	SbyW	NW	N	Calm	16.6	30.3	27.2	10	84.1	3	Ci.	Cu.	10	A.-Cu. E	Cu.-N. NE
23	N	NNW	WSW	NW	Calm	ENE	14.7	20.9	20.3	16.7	72.6	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
24	NbyW	NNW	SSE	SE	Calm	N	14.2	41.3	28.5	11.9	95.9	5	Ci.	Cu.	8	Ci.-S.	Cu.-N.
25	NbyW	NNW	S	S	Calm	N	16.3	36.8	38.6	13.9	105.6	6	Ci. E	Cu.	7	Ci.-S.	Cu. E
26	NbyW	NNW	SW	E	NW	N	17.1	33.8	39.2	18	108.1	4	Ci.	Cu.	6	Ci.	Cu.-N.
27	N	NNW	SW	S	NW	NNW	18.3	30.3	40.4	13.7	102.7	2	Ci.	Cu.	10	Ci.-S.	Cu.-N. NEbyE
28	NbyW	NNW	S	SbyW	S	NbyW	15.8	38.4	35.6	16.4	106.2	3	A.-Cu.	Cu.	8	A.-Cu. NE	Cu.
29	ESE	Calm	S	SbyE	S	E	35.9	34.3	42.1	25.7	138	7	Ci.	Cu.	7	Ci.	Cu.-N.
30	ESE	E	SE	SE	Calm	ENE	26.8	41.3	37.2	31.4	136.7	10	Ci.-S.	Cu.-N. S	10	Ci.-S.	Cu.-N.
31	NE	NbyE	S	SSE	EbyS	N	14.5	53.3	80.7	19.3	167.8	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	18.4	37.2	41.6	18.9	116.1	6.4	------------	------------	7.4	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	3,598.5	----	------------	------------	----	------------	------------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

SEPTEMBER, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.99	57	57.65	55.86	56.24	57.97	23.5	27.4	29.5	30	27.7	25.3	30.8	22.8	96	80	69	67	79	89	------
2	56.98	57.46	57.93	56.02	56.33	57.86	24.1	24	29.5	30.4	28.2	25.9	32.3	23.4	97	96	75	68	80	92	4.8
3	56.91	57.22	57.56	55.77	56.44	57.64	25.4	28.5	30	30.5	28.3	27.5	32.3	24.5	95	74	70	67	79	81	.8
4	56.80	56.84	57.56	55.55	55.67	57.94	28.3	28	28.5	28.5	28	25	31.3	24.3	73	77	75	77	79	86	------
5	56.72	56.63	57.51	55.61	56.13	58.02	24.5	24	30	28.6	27.5	23.6	31.6	22.8	92	96	66	73	81	95	18.3
6	57.14	56.69	57.51	55.41	55.98	57.17	23.2	23	28.8	28.5	27.5	25.1	30.8	22.4	96	97	76	79	78	91	------
7	56.85	56.84	57.47	55.70	56.07	57.85	25.4	22.9	30	30.5	28	24.5	32.5	22.5	78	92	69	66	77	91	------
8	56.98	57.56	58.33	56.66	57.72	59.15	23.6	23.5	28.9	28.8	25	23.9	31.2	23	94	96	72	75	93	96	11.5
9	58.70	59.09	59.01	57.18	57.86	59.20	23.3	23.5	28.7	26.8	26.3	24.4	30.9	22.8	98	96	71	86	85	92	4.6
10	58.18	58.49	59.39	57.24	58.11	59.72	23.7	23.2	27	28.5	25	24.2	30.4	23	94	97	73	77	92	98	1.8
11	58.46	58.38	59.78	57.70	58.25	59.57	25	25	28.2	28.1	26.2	24.2	31	23.4	88	88	78	73	86	92	1.8
12	58.69	58.39	59.13	57.58	58.05	59.57	24.4	23.5	28.4	28.5	27.1	24.5	31	23.1	87	93	75	71	80	93	------
13	58.60	58.53	58.93	57.58	57.91	59.37	22.6	21.5	29.4	25.5	24.5	23.7	30.5	21.2	91	97	62	89	96	98	26.2
14	58.72	58.80	59.22	56.72	57.65	59.50	22.7	22.6	28.2	29.6	24.4	23.7	31.1	22.2	98	98	75	66	92	90	4.9
15	58.30	58.37	59.17	57	57.31	58.54	22.7	23.5	26.6	26.4	24.6	23.5	28.3	22	97	94	80	85	93	94	3.8
16	57.67	57.55	58.65	56.81	57.41	59.31	22.8	22.9	27.5	27	25.8	23.7	30	22.2	97	97	77	77	85	94	------
17	58.67	58.82	59.87	57.73	59.05	61.17	23.1	22.1	29	31.5	25.5	23.3	31.8	21.5	93	97	68	60	88	95	------
18	60.07	60.05	60.98	58.67	59.14	60.51	22.3	22.2	29.6	29.8	26	24	31.4	21.5	96	96	71	69	84	94	------
19	59.12	59.62	59.69	57.52	58.11	59.22	22.7	22	29.9	30.2	27	23.6	32.3	21.7	97	96	69	64	80	95	------
20	57.77	57.78	58.29	57.18	57.57	58.78	25	22.8	28.5	23	23.3	23	29.8	22.5	79	95	62	98	94	95	79.3
21	58.14	57.70	58.80	56.89	57.93	59.97	22.7	24	27.6	29.5	26.5	23.7	30.9	22	97	87	76	66	80	94	------
22	58.58	59.15	59.59	57.48	57.89	59.45	23	21.9	28.5	29.5	26.5	23.2	31	21.5	90	96	71	64	88	94	------
23	58.67	58.66	59.23	56.72	57.59	58.27	22.3	21.5	29.4	30.1	26.6	25.1	31.9	20.8	97	95	70	64	87	95	26.9
24	57.08	57.24	57.28	55.33	56.27	57.47	23.7	23	28.5	29.2	25.5	22.5	30.5	21.6	94	97	77	73	88	97	3.6
25	56.56	56.88	57.15	55.44	56.29	57.26	22	22	29	24.5	26	24.6	29.6	21.3	96	96	74	96	92	97	10.9
26	57.09	56.78	57.55	55.72	56.26	57.89	24.1	23.5	28	25.4	25.2	23.6	29.9	22.6	93	95	74	90	93	96	45.4
27	56.54	56.85	57.41	54.97	55.89	57.61	23.1	23	27	29.5	28	22.6	30.3	21.9	97	97	81	70	74	99	19
28	56.56	56.45	57.13	54.77	56.08	56.99	24.2	26	28.5	30.2	28.5	28.1	31.9	22.9	91	84	78	70	70	71	------
29	55.82	56.10	56.99	55.16	56.10	57.65	27.7	27.5	28.5	29.6	27.4	27.8	31.6	26.5	73	75	70	67	77	79	------
30	56.91	57.61	58.55	57.30	58.02	59.65	27	26.6	28.7	30	28.5	26	32.1	24.8	75	77	70	65	73	76	------
Mean	57.68	57.78	58.44	56.51	57.18	58.68	23.9	23.8	28.7	28.6	26.5	24.5	31	22.6	91.3	91.7	72.5	73.7	84.1	91.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	263.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SSE	SSW	S	S	ESE	EbyS	23	95.5	64.1	19	201.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
2	NNE	N	SbyE	SE	SE	NNE	12.7	65	73.5	17.1	168.3	9	A.-Cu. W	Cu.-N.	8	Ci.-S.	Cu.-N.
3	SSE	S	S	S	SE	ESE	35.6	102.4	65	64.4	267.4	7	A.-Cu.	Cu.-N. SbyW	10	Ci.-S.	Cu.-N. WSW
4	SbyE	S	S	SSE	SE	NNE	95.6	111.3	96	34	336.9	9	Ci.-S.	Cu.-N. S	10	Ci.-S.	Cu.-N.
5	N	NNW	S	SSE	SE	Nbyw	15.6	92.7	68.1	27.2	203.6	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
6	N	N	SSE	SSE	SE	N	14.7	44.8	47.2	20.4	127.1	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
7	NNW	Nbyw	S	SSE	S	Calm	33.8	42.6	54.2	18	148.6	7	Ci.	S.-Cu.	10	Ci.-S.	Cu.
8	NNW	WNW	WSW	NNW	NW	NNW	14.7	24.9	35.7	11.6	86.9	10	Ci.-S.	Cu.	10	A.-Cu. SE	Cu.-N.
9	NW	N	SW	NNE	NNW	N	15.8	37.6	36.5	12.7	102.6	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
10	Nbyw	N	SW	SSE	NbyE	Calm	15.6	23.8	34.4	13.1	86.9	10	------	N.	10	Ci.-S.	Cu.-N.
11	NNE	E	S	N	N	NbyE	41.2	49.4	32.5	14.3	137.4	6	A.-Cu.	Cu.	10	Ci.-S.	Cu.-N.
12	N	N	S	SSE	Calm	Nbyw	20.4	41.6	48.5	15.6	126.1	10	Ci.-S.	Cu.-N.	10	A.-Cu.	Cu.-N.
13	Nbyw	NNW	S	NNE	Nbyw	Calm	15.3	28.2	21.2	11.1	75.8	8	Ci.-S. E	S.-Cu.	10	------	N.
14	N	N	S	S	N	Calm	14.5	36.8	32.7	10.7	94.7	7	Ci.-S.	Cu.-N.	7	A.-Cu. E	Cu.-N.
15	NNE	E	S	SSE	NW	NNW	26.6	26.8	25.7	10.5	89.6	8	Ci.-S. SEbyE	Cu.-N.	10	Ci.-S.	Cu.-N.
16	NNW	Nbyw	S	SE	ESE	NW	15.9	42.8	49.3	12.3	120.3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
17	N	Nbyw	SW	SSW	N	NNW	11.9	30.3	35.9	16.4	94.5	7	Ci.	Cu.-N.	6	Ci.-S.	Cu.-N. E
18	Nbyw	N	SW	S	NNW	N	18.3	31.2	28.2	16.4	94.1	6	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
19	N	Nbyw	SSW	SE	NW	NNW	18.2	------	------	------	------	7	A.-Cu. E	Cu.	10	Ci.-S.	Cu.-N.
20	N	NNW	W	E	N	ESE	------	------	------	------	------	8	A.-Cu.	Cu.	10	------	N.
21	ESE	E	SE	S	SW	N	------	------	------	------	------	10	------	N.	8	A.-Cu.	Cu.
22	Nbyw	N	W	S	SE	ESE	------	------	------	------	------	7	A.-Cu.	Cu.-N.	10	Ci.-S.	Cu.-N.
23	N	N	S	S	EbyN	NNW	------	------	------	------	------	5	A.-Cu.	Cu.	6	A.-Cu. NE	Cu.-N.
24	NNW	Calm	S	NW	NNW	N	------	------	------	------	------	10	Ci.-S.	Cu.-N.	10	Ci.	Cu.-N.
25	N	N	SW	N	NW	NNE	------	------	------	15.6	------	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
26	N	N	S	NE	N	E	18.2	35.9	23	31.1	108.2	10	Ci.-S. NE	Cu.-N. WbyS	10	Ci.-S.	Cu.-N.
27	N	N	SE	SSW	SSW	NNE	17.9	45.9	124.2	82.4	270.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
28	SE	S	S	SSW	SSW	SSW	77.5	147.6	182.3	122	529.4	9	A.-Cu. WSW	Cu.-N. SSW	8	A.-Cu.	Cu.-N. SW
29	S	S	S	SE	SE	SSW	175.7	144.6	93.8	133.3	547.4	8	Ci.	Cu.-N.	9	Ci.-S.	Cu.-N.
30	S	S	S	SE	S	S	115.3	119.6	78.9	17.4	331.2	4	A.-Cu. E	Cu.	7	A.-Cu. E	Cu.-N.
Mean	------	------	------	------	------	------	36	61.8	58.7	31.1	189.1	8.2	------	------	9.2	------	------

ORMOC.

[φ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

OCTOBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.85	58.87	59.76	57.40	58.29	59.40	24.8	23.5	29.9	30	28	25.6	32.1	23.4	90	97	65	67	77	92	14
2	58.27	58.57	60	58.58	58.34	58.70	23.8	22.9	23	24.1	22.6	22.3	25.9	22.2	90	97	100	96	96	97	41.6
3	58.09	58.09	59.38	57.24	57.79	59.83	22.2	22.7	27	29.4	26.5	24	30.1	21.9	98	94	78	68	81	96	10.2
4	58.67	59.17	60.32	58.62	58.84	60.44	23.2	23.9	28.5	29.7	26.3	23.5	31.5	22.2	98	97	70	67	86	92	------
5	59.53	59.91	60.07	57.95	58.29	60.39	22.5	21.7	29	30.4	27	25.7	32.5	21.4	96	98	71	64	80	91	2.5
6	58.64	58.84	58.85	56.77	57.59	59.05	23.4	22.3	29.4	28.6	27	24.5	31.4	22.1	95	97	68	80	73	93	2.5
7	58.44	58.37	58.85	57.01	58.03	59.21	22.8	21.9	28	30	27	24.7	31.2	21.6	95	96	81	71	87	94	.5
8	58.57	59.36	59.90	58.17	58.58	59.51	23.7	23.4	28	29.5	27.5	25	30.3	23	94	90	77	71	81	95	1.3
9	58.86	59.24	60.19	57.97	58.18	59.63	24.1	23.5	27	28.5	26.5	24.2	29.9	23.1	94	96	81	72	88	97	------
10	58.88	58.83	59.52	58.01	58.53	59.66	23	22.6	29	27.5	25	23.5	30.7	22.2	94	97	78	76	92	92	------
11	59.02	59.40	60.23	58.54	59.33	60.17	22.1	22	29	28	24.6	22.7	31.2	21.5	97	96	72	79	95	97	1.3
12	59.39	59.26	60.30	58.19	59.47	60.42	21.9	21.2	28.5	30	23.2	23	30.4	21	96	98	75	68	94	97	8.7
13	58.99	59.70	60.14	57.35	58.74	60.01	21.2	20.7	28	30.5	25.6	23.4	31.6	20.4	95	98	74	65	91	94	8.6
14	59.22	59.74	60.15	57.97	58.87	60.40	22	21.5	29.5	31.5	25.5	24	33.1	21.1	95	97	71	61	91	92	------
15	59.49	59.72	60.82	59.74	60.49	60.67	22.9	22.2	29.2	23.8	23	23	30.5	22.1	97	98	73	91	100	100	2.1
16	59.58	59.92	59.93	57.90	59.11	60.50	22.3	21	28.5	26.5	26.5	24	30.6	20.4	92	98	73	85	92	96	1
17	59.54	59.75	60.50	58.60	59.01	60.22	22.7	22.6	29.2	26.5	24.2	22.5	30.5	21.6	97	96	70	80	97	96	.6
18	59.50	60.11	61.18	59.08	59.95	60.92	21.6	21.9	29	29.4	24.9	23	30.7	21.2	98	96	69	65	93	96	1.3
19	59.98	59.98	60.29	58.27	59.09	59.94	21.4	20.9	29	30.5	26	24.5	32.7	19.8	94	96	61	65	90	96	2.3
20	58.99	59.33	59.89	57.80	58.26	59.61	22.5	22.2	28.8	28	26.5	24.5	31.5	21	98	96	69	79	90	95	------
21	58.68	58.99	60.31	57.62	58.40	59.71	22.3	21.5	27.5	28	26.8	25	29.5	20.5	94	96	73	77	82	92	------
22	58.60	59.07	60.08	57.84	58.89	59.39	23.1	22.2	28.8	28.6	26.4	23.5	30.2	21.3	94	96	72	73	84	96	14.5
23	58.40	58.82	58.98	56.87	57.80	59.10	22.9	22.3	28.6	29.5	26.6	24.5	31.9	21.5	95	96	75	69	86	92	8.6
24	58.12	58.29	59.28	57.38	58.13	59.79	24.2	23.2	28.5	26	25.5	24.1	31.8	22.2	92	94	75	88	89	95	2.3
25	59.21	59.54	60.01	57.93	58.86	60.09	23.7	23.4	28	28.5	26	23.5	29.2	21.4	96	97	74	67	80	90	.3
26	58.88	59.91	59.68	57.30	58.29	59.27	21.9	21.6	29	28.5	25.5	24	31.2	20.7	94	95	68	78	94	96	4.1
27	58.14	58.64	59	56.77	57.72	58.60	23.2	23.6	28.5	30	26	24.9	30.7	22.2	97	95	78	65	92	92	4.1
28	57.37	57.73	58.84	56.29	57.39	58.60	24.6	23.6	24	29	27.5	24	29.5	22.9	92	99	100	71	72	92	11.5
29	57.42	57.48	58.91	56.57	57.92	58.18	23.6	22	29	25	25.7	24.8	29.9	21.5	85	96	65	92	93	89	11
30	57.42	57.73	57.73	54.71	54.92	55.47	24.3	22.6	27.6	28	26	24.5	28.5	21.5	91	96	84	79	92	96	31.1
31	53.95	53.09	53.36	50.69	48.94	42.53	25	24.5	26	25.3	24.6	23.5	27	23	93	97	92	93	95	100	98.5
Mean	58.60	58.89	59.56	57.46	58.13	59.01	23	22.4	28.2	28.4	25.8	24	30.6	21.7	94.4	96.3	75.2	74.9	88.2	94.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	284.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	S	S	S	SE	15	46	48.6	19.9	129.5	8	A.-Cu.	Cu.	9	Ci.-S.	Cu.
2	ENE	ESE	E	E	NE	N	34.6	29.8	31.1	15.8	111.3	10	Ci.-S.	Cu.-N.	10	------------	N.
3	NE	NE	S	S	SE	NE	------	57.7	88.3	33.7	------	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. SSW
4	E	SE	SSE	S	SSE	N	22.4	53.7	70.6	20.1	166.8	10	Ci.-S.	Cu.-N.	4	Ci.	Cu.
5	N	N	WSW	S	NE	S	19.6	39.9	41.8	21.9	123.2	4	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
6	N	N	SSW	WSW	WSW	NW	19.8	41.8	42.3	24.1	128	2	Ci.	Cu.	8	Ci.-S.	Cu.-N.
7	NW	N	SW	S	SW	N	19.6	29.6	35.2	18.2	102.6	7	Ci.-S.	Cu.-N.	6	Ci.	Cu.-N.
8	N	ESE	S	SE	SE	N	34.6	43.3	36	27.2	141.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
9	N	N	S	S	SE	N	20.3	48.3	32.5	19.8	120.9	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
10	N	NE	S	NE	N	N	16.6	43.3	40	18.7	118.6	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. SE
11	N	N	SW	NE	N	N	20.7	44.3	27	19.3	111.3	5	Ci.	Cu.	10	Ci.-S.	Cu.-N.
12	N	N	S	SW	N	NE	20.4	40.7	41.7	26.2	129	5	Ci.	Cu.	7	Ci.	Cu.-N.
13	NE	N	W	SW	N	N	19.5	29.8	46.7	17.9	113.9	3	Ci.	Cu.	6	Ci.-S. E	Cu.-N.
14	N	N	W	S	S	N	19.6	33.5	46.9	18.3	118.3	7	Ci.	Cu.	8	Ci.-S.	Cu.-N.
15	N	N	SW	NW	NW	N	20.4	46.4	26.2	19.9	112.9	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
16	N	N	SW	N	N	N	20.6	40.2	33.7	17.4	111.9	3	Ci.	Cu.	10	Ci.-S.	Cu.-N.
17	N	N	SW	N	N	N	20.1	34	30	18.3	102.4	7	Ci.	Cu.	10	Ci.-S.	Cu.-N.
18	N	N	SW	NW	N	N	24.1	34.4	27.7	16.1	102.3	7	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
19	N	N	SW	S	S	NW	22.2	43.5	51.7	14.7	132.1	2	Ci.	Cu.	6	Ci.	Cu.-N.
20	NW	NW	SW	N	N	NbyW	18.3	32.8	32.4	19.6	103.1	3	Ci.	Cu.	10	Ci.-S.	Cu.-N.
21	N	N	SE	S	E	Calm	20.9	27	33.8	18.5	100.2	5	A.-Cu.	Cu.-N.	10	Ci.-S.	Cu.-N.
22	N	N	SW	NW	N	N	21.9	32	27.9	18.2	100	3	Ci.	Cu.	10	Ci.-S.	Cu.-N.
23	NNE	N	NW	NW	NE	SE	19.9	30.6	46.2	23.6	120.3	7	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
24	NNE	NE	SW	N	SE	N	29	36.5	------	22	------	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
25	N	N	NW	NE	ESE	N	17.2	25.2	24.1	20.4	86.9	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
26	NE	N	SW	SW	NE	NE	24.6	36.5	51.8	16.9	129.8	4	Ci.	Cu.	10	Ci.-S.	Cu.-N.
27	N	N	NW	SW	N	N	17.5	24.6	26.6	19.3	88	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
28	N	N	NbyW	NEbyN	ENE	NE	19.6	26.2	52.8	20.3	118.9	10	------------	N.	10	Ci.-S.	Cu.-N. E
29	N	NE	W	N	N	N	25.4	32.8	23.5	16.1	97.8	5	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
30	N	N	NW	NW	Calm	N	18.2	22.4	23.5	10.5	74.6	9	A.-Cu. E	Cu.-N.	10	Ci.-S.	Cu.-N.
31	Calm	N	N	NW	NW	WNW	14.3	49.6	75.9	265	404.8	10	------------	N.	10	Ci.-S.	Cu.-N. NW
Mean	------	------	------	------	------	------	21.2	37.3	40.6	27.7	124.2	6.9	------------	------------	9	------------	------------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

NOVEMBER, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	32.07	40.73	50.88	51.27	54.59	56.73	----	----	----	----	----	----	----	----	----	----	----	----	----	----	39.9
2	55.93	56.99	58.05	56.75	57.74	58.95	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
3	58.08	58.83	59.49	56.77	58.04	59.18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4	58.53	58.77	59.07	57.37	58.28	59.61	----	----	----	----	----	----	----	----	----	----	----	----	----	----	29.8
5	58.33	58.57	59.23	57.14	58.38	59.32	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1.8
6	58.28	59.09	58.89	56.86	58.06	59.11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3.3
7	58.55	59.16	59.53	57.50	58.80	59.43	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
8	58.18	59.04	59.07	57.15	58.20	58.67	----	----	----	----	----	----	----	----	----	----	----	----	----	----	8.2
9	58.96	58.87	59.10	56.46	57.62	58.13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	7.9
10	57.03	57.55	57.74	55.79	56.49	58.18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	15.8
11	57.45	57.83	58.02	55.63	56.78	57.89	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2
12	56.86	57.18	57.46	55.09	56.43	57.29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6.4
13	55.79	56.27	56.35	54.86	55.54	56.38	----	----	----	----	----	----	----	----	----	----	----	----	----	----	18.8
14	55.56	56.47	57.80	55.22	56.01	57.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
15	56.68	56.88	57.69	55.11	56.53	57.41	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
16	56.13	56.69	57.90	56.02	56.31	57.74	----	----	----	----	----	----	----	----	----	----	----	----	----	----	10.4
17	57.50	57.79	58.75	56.54	57.66	59.02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
18	58.70	58.96	58.99	56.67	57.87	58.41	----	----	----	----	----	----	----	----	----	----	----	----	----	----	9.1
19	57.55	57.74	58.64	56.59	57.72	57.57	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4
20	56.95	57.40	57.35	55.38	56.35	57.08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	28.2
21	56.34	56.33	56.74	54.89	55.90	56.58	----	----	----	----	----	----	----	----	----	----	----	----	----	----	31.8
22	56.09	56.33	56.75	55.19	56.82	57.73	----	----	----	----	----	----	----	----	----	----	----	----	----	----	7.9
23	57.11	57.79	59.25	56.46	57 22	58.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1.3
24	57.71	58.42	58.43	56.93	58.33	58.47	----	----	----	----	----	----	----	----	----	----	----	----	----	----	23.9
25	57.43	57.74	58.35	55.87	57.43	58.15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	.3
26	57.23	57.90	58.58	56.42	57	58.11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	5.7
27	57.66	57.93	59.11	56.77	57.16	58.37	----	----	----	----	----	----	----	----	----	----	----	----	----	----	16.7
28	57.07	57.18	57.97	56.42	56.79	56.91	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6
29	56.33	57.37	59.51	55.96	56.37	58.43	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
30	57.35	57.75	59.02	56.69	57.70	58.33	----	----	----	----	----	----	----	----	----	----	----	----	----	----	.3
Mean	56.45	57.18	58.12	56.06	57.14	58.08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	279.5

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	SE	SE	SE	S	SE	----	----	----	----	----	10	----	N.	10	----	N.
2	SE	SE	S	EbyS	SE	ESE	----	----	----	----	----	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
3	E	NE	SSW	E	NE	NE	22.3	58.1	54.7	24.3	159.4	7	Ci.	Cu.	6	Ci.	Cu.-N.
4	N	N	NE	SE	Calm	NW	31.1	55.9	----	----	----	5	A.-Cu.	Cu.	8	Ci.	Cu. E
5	N	NE	WbyS	S	NE	N	19.4	34.4	36	21.9	111.7	7	Ci.-S.	Cu.-N. NE	10	Ci.-S. SE	Cu.-N.
6	N	N	W	E	N	N	18.5	34.8	51.3	15.8	120.4	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
7	NE	N	E	S	E	NEbyE	24.3	33.3	61.5	23.6	142.7	6	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
8	NE	N	SW	W	N	N	22	50.7	43	22	137.7	7	Ci.	Cu.-N.	10	Ci.-S.	Cu.-N.
9	N	N	NW	NE	NE	N	22.5	26.4	30	13.1	92	10	Ci.-S.	Cu.-N.	10	Ci. E	Cu.-N.
10	N	N	NE	SW	N	E	17.7	35.6	36.7	18.6	108.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. EbyN
11	N	N	N	N	Calm	N	18	44.6	30.1	20.3	113	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
12	N	N	NW	WNW	N	N	20.6	32.5	50	17.5	120.6	10	Ci.-S.	Cu.-N.	7	Ci.-S. E	Cu.-N. NW
13	N	N	E	N	N	NNE	17.9	37.2	28.2	19.9	103.2	10	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu.-N. SW
14	NE	E	SE	S	E	NE	26.9	59	53.8	21.3	161	10	Ci.-S.	Cu.-N.	8	A.-Cu. SE	Cu.-N.
15	N	N	SW	S	E	N	22.5	37.7	41.9	25.2	127.3	5	A.-Cu.	Cu.	8	Ci.-S.	Cu.-N. E
16	N	N	NW	SE	E	NE	22	25.2	32.4	14.5	94.1	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.
17	NE	NW	S	S	SE	N	21.4	41	39.2	21.8	123.4	7	A.-Cu. EbyS	Cu.-N.	5	Ci.	Cu.-N.
18	N	N	W	S	N	N	25.8	43	52.1	20.9	141.8	5	Ci.	Cu.	8	Ci.-S.	Cu.-N.
19	N	N	NW	W	E	N	17.7	15	34.1	20.7	87.5	7	Ci.	Cu.-N.	10	Ci.-S.	Cu.-N. WbyN
20	N	N	NW	SE	S	NE	18.1	34.4	29.3	15.6	97.4	9	Ci.-S. E	S.-Cu.	10	Ci.-S.	Cu.-N.
21	NE	NE	S	E	NE	Calm	15.5	35.1	23.5	13.5	87.6	8	Ci.-S. SE	Cu.-N. NbyW	10	Ci.-S.	Cu.-N.
22	E	SE	SSE	S	SE	N	24.1	72.9	81.5	19.9	198.4	10	Ci.-S.	Cu.-N. SSW	8	Ci.-S.	Cu.-N. S
23	N	NW	Calm	S	S	N	21.7	23.5	59.2	17.5	121.9	7	Ci.	Cu.-N.	8	A.-Cu. E	Cu.-N.
24	N	N	W	W	S	NW	23.5	30.6	34.5	21.1	109.7	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. E
25	NW	Calm	SW	ENE	NE	N	18.5	40.2	68.6	40.4	167.7	10	Ci.-S.	Cu.-N. NEbyE	8	A.-Cu. EbyS	Cu.-N.
26	N	N	SW	E	NE	N	34.8	53.7	37.2	26.9	152.6	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
27	SE	N	N	S	N	N	21.9	24.3	25	16.7	87.9	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
28	N	NW	NE	N	SW	SW	21.5	25.8	20.1	22.7	90.1	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.
29	N	N	S	N	ENE	NE	22.7	61.2	45.7	43.8	173.4	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.
30	N	N	NNW	NW	E	N	30.9	31.1	38.3	27.7	128	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. NE
Mean	----	----	----	----	----	----	22.3	39.2	42.1	21.7	124.4	8.5	----	----	9	----	----

The thermometers of this station were broken during a typhoon on November 1.

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

DECEMBER, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.94	58.04	58.54	56.78	57.44	58.01	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2	57.48	57.23	57.47	55.06	56.46	57.06	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	37.6
3	55.38	54.77	55.75	54.92	56.14	57.23	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	9.6
4	57.20	57.88	59.05	57.88	59.13	60.18	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	8.3
5	59.80	59.88	60.72	58.35	59.10	59.89	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
6	59.33	59.70	60.52	58.45	58.78	58.72	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1.3
7	57.79	58.12	59.18	57.15	58.24	58.82	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	30.8
8	57.93	58.24	59.26	56.88	58	58.30	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
9	57.57	57.88	58.33	56.41	57	58.08	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6.8
10	57.50	57.79	58.64	56.90	57.91	58.68	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6.1
11	57.65	58.02	59.21	57.45	57.93	59.04	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4.6
12	57.79	57.68	58.83	57.17	57.45	58.89	23.7	23	29.1	25.5	24.8	24	30.4	22	93	92	67	88	89	91	3.9
13	57.30	57.70	58.70	56.25	56.89	58.53	25.1	23.2	25.8	27.5	26.5	24.6	29.4	22.8	90	98	89	81	80	91	1.8
14	56.79	57.20	58.42	56.14	57.30	58.22	24.5	23.1	27.4	28.4	25.4	24.4	30.1	22.5	91	95	78	76	93	99	12
15	56.93	57.45	58.75	56.65	57.62	59.11	23.6	23.2	26.3	27.5	26	24.2	28.9	22.8	99	98	86	78	76	94	3.1
16	58.04	58.34	59.60	57.25	58.20	59.17	23	22.4	27.1	29	26.5	23.5	30.2	21.8	95	92	76	71	80	96	-----
17	58.20	58.52	59.34	57.10	57.67	59.11	22.6	22.5	27.6	27.6	24.5	24.5	30	22.2	96	96	73	73	92	93	9.1
18	58.49	58.97	60.34	57.77	58.72	60.31	24.3	23.9	26.6	28.9	25.5	23.7	30	22.4	94	92	74	65	80	90	-----
19	58.80	58.99	59.93	57.75	58.91	59.74	22.4	22.7	28.5	29	25.5	23.9	31.5	21.3	98	89	67	61	81	92	.5
20	58.80	59.88	59.99	57.79	58.46	57.99	23.1	22.4	25.6	27.2	24.5	23.4	27.3	21.6	97	88	79	68	83	88	.3
21	57.30	58	58.38	56.32	56.67	57.43	22.6	23	26.5	24.5	23	23.9	26.7	21.5	86	84	73	92	100	97	15.3
22	56.17	56.33	57.20	54.70	55.87	56.39	23.7	23	26	25.5	24.5	24.5	26.5	22.7	97	96	88	93	96	100	5.9
23	56.26	56.74	57	55.09	56.10	57.71	24.4	23.5	27.7	25.5	25	24.5	28	23.4	98	100	83	96	96	96	5.9
24	56.69	56.99	58.33	56.25	57.81	59.17	23.5	23.4	30	28.6	27	24.1	30.5	22.9	97	98	65	75	77	91	.5
25	58.47	59.29	61.06	57.59	58.32	59.21	23	23	26	31.5	27.5	23.9	31.6	22.8	98	94	89	60	72	92	.3
26	58.92	59.59	59.88	57.93	58.98	60.09	22.8	21.7	29	29.4	26.5	24.9	31	21.4	96	97	68	70	85	84	-----
27	59.23	60.03	60.88	58.67	59.79	61.22	23.3	22.6	27.5	28.6	25.5	23.1	29.5	22	96	95	81	75	92	92	3.4
28	60.30	60.62	60.98	59.17	60.30	61.45	22.5	21	28.8	30.5	27	23.2	31.3	20.8	96	95	65	60	70	98	-----
29	59.91	59.81	60.89	58.49	58.81	59.74	22.9	23.4	28.5	28	25	24.1	29.6	22.7	97	88	60	68	83	95	20.8
30	58.84	59.43	60.81	58.56	59.30	59.91	23	23.2	24.3	26.8	25	24.1	28	22.9	98	98	94	77	80	78	3.3
31	59.31	59.37	60	58.04	59.25	59.93	24.2	22.5	27.5	28	26.5	25	29	22.2	76	92	75	66	73	83	.3
Mean	58	58.31	59.23	57.13	58.02	58.95	23.4	22.8	27.3	27.9	25.6	24.1	29.5	22.2	94.4	93.8	76.5	74.6	83.9	92	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	191.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	N	NW	E	N	27.2	21.4	32.8	23.1	104.5	9	Ci.-S.	Cu.-N.EbyN	10	Ci.-S.	Cu.-N.
2	NE	NE	ENE	NNE	SE	NE	46.1	65.5	72.9	62.5	247	9	Ci.-S. E	S.-Cu. NE	10	Ci.-S. EbyS	Cu.-N.
3	SW	N	SE	SE	S	SE	39.7	86.7	107.2	99.5	333.1	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. EbyS
4	E	SE	SE	SE	E	E	41.7	73.4	53.1	38	206.2	10	Ci.-S.	Cu.-N. SE	10	Ci.-S.	Cu.-N.
5	NE	NE	W	SE	ENE	NE	25.7	30.8	57.9	31.6	146	5	Ci.	Cu.-N.	5	Ci.	Cu. E
6	NE	N	SE	W	E	NE	36.2	35.9	32.2	24.9	129.2	8	A.-Cu.	Cu.-N.	10	Ci.-S.	Cu.-N.
7	N	W	S	SW	SW	NW	19.1	25.1	23.1	17.5	84.8	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
8	N	N	NW	S	E	NE	27.2	34.1	52.9	13.9	128.1	8	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. E
9	NE	NE	S	E	Calm	N	15.6	36.2	42.3	17.5	111.6	5	Ci.	Cu.	10	Ci.-S.	Cu.-N.
10	N	N	W	SW	N	N	22.7	38.3	52.5	30.9	144.4	7	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N.
11	NbyE	N	W	N	NW	N	25.9	22.8	36	26.9	111.6	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
12	N	N	NE	E	NW	N	27.6	43.3	33.5	22.8	127.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
13	NE	NE	S	SW	E	NE	28.7	24.4	39.9	22.5	115.5	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.
14	NE	N	W	SE	NW	NE	20.6	26.9	39.1	14	100.6	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. E
15	N	N	NW	S	NE	NE	16.9	25.2	31.2	16.7	90	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
16	N	N	NW	S	E	N	21.1	23.8	51.3	18.8	115	7	Ci.	S.-Cu.	10	A.-Cu. E	Cu.-N.
17	N	N	NW	ENE	N	NW	17.5	29	42	15.6	104.1	7	Ci.	Cu.-N.	10	Ci.-S.	Cu.-N.NEbyE
18	NE	N	NEbyN	NE	NW	N	15.8	57.3	74.3	13.4	160.8	10	Ci.-S.	Cu.-N. E	10	A.-Cu. E	Cu.-N. E
19	N	N	SW	NE	NE	NE	12.4	43.8	30.6	11.5	98.3	9	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N.
20	NE	E	NW	NW	N	N	14.7	19.1	21.7	25.5	81	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
21	NE	NE	NW	N	NW	Calm	13.9	38.8	35.7	19.8	108.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.NW
22	NNW	N	NW	NW	N	N	58.5	44.1	50.2	10.3	163.1	10	Ci.-S.	Cu.-N.NWbyW	10	-----	N.
23	SW	W	S	SE	E	NE	20.7	40.2	59.5	25.9	146.3	7	Ci. E	Cu.-N.	10	-----	N.
24	NE	N	SE	S	E	N	18.5	55.8	52.5	23.3	150.1	8	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N.
25	N	N	N	SE	E	NE	21.1	17.9	69	25.1	133.1	10	Ci.-S.	S.-Cu.	7	Ci. E	Cu.-N.
26	NE	N	SW	S	NE	NE	23.8	46.9	79.7	22.8	173.2	7	Ci.	Cu.-N. E	7	Ci.	Cu.-N. E
27	N	N	NW	SW	NE	N	25.9	40.2	41.5	26.6	134.2	6	A.-Cu.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
28	N	N	W	SE	E	N	30.8	32.8	55.7	34.9	154.2	4	Ci.	Cu.	7	Ci.	Cu.-N.ENE
29	NE	W	NW	NW	NW	W	30.8	53.6	47.8	15.5	147.7	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.ENE
30	NW	SW	NW	N	NW	NE	20.4	38.6	66	36.2	161.2	10	-----	Cu.-N.	10	Ci.-S.	Cu.-N.
31	W	N	N	NE	NE	EbyN	36.5	48	58.9	31.2	174.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
Mean	-----	-----	-----	-----	-----	-----	25.9	39.4	49.8	26.4	141.4	8.4	-----	-----	9.4	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4,384.9	-----	-----	-----	-----	-----	-----

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.82 mm.]

JANUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.83	58.83	59.54	57.40	58.17	59.54	----	----	----	----	----	----	30.5	24	----	----	----	----	----	----	7.9
2	59.16	59.43	60.98	58.03	58.75	60.41	----	----	----	----	----	----	28.5	23.3	----	----	----	----	----	----	9.4
3	59.87	60.61	61.46	59.61	60.36	61.02	----	----	----	----	----	----	29.5	24.5	----	----	----	----	----	----	6.6
4	60.73	60.91	61.20	59.11	60.51	61.20	----	----	----	----	----	----	30.2	24.6	----	----	----	----	----	----	8.2
5	60.79	60.61	61.57	58.76	59.72	60.95	----	----	----	----	----	----	30.4	24.7	----	----	----	----	----	----	5.6
6	59.40	59.66	60.66	58.30	58.66	59.11	----	----	----	----	----	----	29	23.4	----	----	----	----	----	----	----
7	58.43	58.09	58.83	56.74	58.01	59.01	----	----	----	----	----	----	29.8	24.9	----	----	----	----	----	----	1.3
8	58.42	58.09	59.10	56.46	57.51	58.31	----	----	----	----	----	----	30.9	24	----	----	----	----	----	----	10.2
9	57.52	57.43	59.02	56.70	57.63	58.97	----	----	----	----	----	----	29.3	24.8	----	----	----	----	----	----	7.3
10	58.53	58.38	59.05	56.96	57.29	58.14	----	----	----	----	----	----	29.3	24	----	----	----	----	----	----	12.5
11	56.99	57.15	58.16	56.11	56.93	57.81	----	----	----	----	----	----	30.3	24	----	----	----	----	----	----	3.6
12	57.21	57.40	58.33	56.71	57.51	58.23	----	----	----	----	----	----	28.8	24.6	----	----	----	----	----	----	.5
13	57.13	57.57	58.44	56.36	57.18	57.82	----	----	----	----	----	----	30.4	23.8	----	----	----	----	----	----	----
14	57.10	57.32	58.45	56.31	57.35	58.78	----	----	----	----	----	----	31	23.8	----	----	----	----	----	----	14
15	58.89	59.03	59.85	57.57	58.51	59.29	----	----	----	----	----	----	28.8	23	----	----	----	----	----	----	2
16	58.93	59.24	59.95	58.21	58.89	59.79	----	----	----	----	----	----	29.8	23	----	----	----	----	----	----	18.3
17	58.95	59.35	60.18	57.51	58.21	59.01	----	----	----	----	----	----	28.6	23	----	----	----	----	----	----	3.8
18	58.47	58.23	59.21	56.99	58.26	59.78	----	----	----	----	----	----	29.7	23.7	----	----	----	----	----	----	7.4
19	58.90	58.90	59.96	57.86	59.34	60.11	----	----	----	----	----	----	28.5	23.5	----	----	----	----	----	----	61.9
20	59.12	59.82	61.11	58.84	59.84	61.08	----	----	----	----	----	----	29.8	23	----	----	----	----	----	----	13.3
21	60.03	60.12	61.98	59.73	59.51	60.82	----	----	----	----	----	----	27.5	23	----	----	----	----	----	----	10.9
22	60.05	60.27	61.54	58.82	59.60	61.01	----	----	----	----	----	----	28.5	22.1	----	----	----	----	----	----	4.3
23	59.82	60.53	61.66	58.74	59.54	61.02	----	----	----	----	----	----	30	23	----	----	----	----	----	----	----
24	60	59.77	60.54	58.51	59.55	60.91	----	----	----	----	----	----	30	23	----	----	----	----	----	----	6.8
25	59.86	59.96	60.90	58.64	59.13	60.13	----	----	----	----	----	----	30	23	----	----	----	----	----	----	22.9
26	59.62	59.83	61	59.10	59.83	60.75	----	----	----	----	----	----	29.4	23.5	----	----	----	----	----	----	5.1
27	60.31	61.03	62.24	60.29	60.78	61.71	----	----	----	----	----	----	27	23	----	----	----	----	----	----	46
28	61.03	60.98	61.73	59.22	59.38	60.51	----	----	----	----	----	----	27	22.3	----	----	----	----	----	----	14.3
29	59.50	59.17	60.40	58.22	58.73	59.78	----	----	----	----	----	----	28.2	23.3	----	----	----	----	----	----	5.6
30	59	59.47	60.14	57.87	59.05	60.41	----	----	----	----	----	----	30.8	23.3	----	----	----	----	----	----	.8
31	59.50	59.43	60.27	57.97	59.19	60.07	----	----	----	----	----	----	29.8	23.2	----	----	----	----	----	----	29.1
Mean	59.10	59.25	60.24	57.99	58.80	59.85	----	----	----	----	----	----	29.4	23.6	----	----	----	----	----	----	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	339.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NW	1	WNW	1	NE	1	SSW	1	NE	0	N	0	4	Ci.	S.-Cu.	3	----	Cu. E
2	N	1	NE	1	Calm	----	NEbyE	1	EbyN	1	NE	1	10	----	N. E	8	Ci.	Cu.-N. E
3	N	1	N	1	E	1	NE	2	NE	1	NNE	1	6	Ci.-S.	S.-Cu. E	9	----	N. ENE
4	NNW	1	NW	1	E	1	E	3	E	0	ESE	1	8	Ci.-S.	Cu.-N. E	8	----	Cu.-N. E
5	NW	1	NW	1	NNE	1	E	1	E	0	Calm	----	8	----	Cu.-N. E	5	----	Cu. E
6	NNE	1	WNW	1	Calm	----	ESE	1	NE	0	NE	1	8	----	Cu.-N. E	9	----	Cu.-N. E
7	N	1	N	1	EbyN	2	ENE	2	ENE	1	ENE	1	7	Ci.-S. SSW	S.-Cu.	4	Ci.	Fr.Cu. E
8	WNW	1	W	1	NE	0	E	1	E	1	E	0	8	----	Cu.-N. ENE	7	Ci.-S. SW	Cu. E
9	N	1	Calm	----	SEbyE	3	SSE	1	ESE	1	Calm	----	10	----	N. E	10	----	Cu.-N. EbyS
10	NW	1	Calm	----	ENE	1	SbyE	1	ENE	2	ENE	1	9	----	Cu.-N. ENE	8	----	Cu.-N. E
11	NW	1	WNW	1	SE	1	ENE	2	ENE	1	NE	1	8	Ci. W	S.-Cu.	7	Ci.-S.	Cu. E
12	NW	1	Calm	----	NW	1	E	2	NE	1	NE	1	10	----	N. E	9	----	Cu.-N. E
13	NW	1	Calm	----	NE	0	E	1	NE	1	Calm	----	7	Ci.	S.-Cu. ENE	4	----	Fr.Cu. ENE
14	NW	1	NNW	1	W	0	N	0	Calm	----	W	1	8	Ci.-Cu. E	S.-Cu.	8	Ci.-S.	Cu. E
15	NNE	1	NNW	1	NNE	1	NNW	1	NW	1	NW	1	10	----	N. NE.	10	----	Cu.-N.NE
16	NNW	1	NW	1	E	1	SE	1	SE	1	NNW	1	2	Ci.	S.-Cu.	9	----	Cu.-N.NE
17	N	1	NW	1	N	1	NNW	1	NNW	1	NW	1	10	----	N.	8	Ci.-Cu.	Cu. NE
18	NNW	1	N	1	ENE	0	NW	1	Calm	----	N	1	8	----	Cu.-N. NE	9	----	Cu.-N.NE
19	NNW	1	NW	1	NW	0	SW	0	Calm	----	Calm	----	5	Ci.-S.	S.-Cu.	8	----	Cu.-N. ENE
20	Calm	----	Calm	----	WNW	0	SW	0	NW	1	NNW	1	8	----	N. ESE	8	Ci. SW	Cu. E
21	N	1	NNW	1	ESE	1	Calm	----	Calm	----	Calm	----	10	----	N. ENE	10	----	N. ESE
22	NW	1	NW	1	N	1	NW	0	NE	1	NW	1	7	Ci.	S.-Cu.	7	Ci.-S. SW	Cu. ENE
23	N	1	N	1	N	0	NE	1	ENE	1	ENE	1	7	Ci.-S. SW	S.-Cu.	6	Ci. SW	Cu. NE
24	N	1	N	0	NE	1	WNW	1	Calm	----	Calm	----	9	Ci.-S.	Cu.-N. NE	8	----	Cu.-N.NE
25	NW	1	NNW	1	NE	1	NW	1	NW	1	NNW	1	8	----	Cu.-N. NE	7	----	Cu.-N.NEbyE
26	NWbyN	1	WNW	1	WNW	0	ESE	1	Calm	----	ESE	0	8	Ci.-S.	Cu.-N. NE	8	----	Cu.-N.NE
27	ENE	1	NNE	1	WNW	1	N	1	N	1	Calm	----	10	----	N. NE	10	----	N. NE
28	Calm	----	Calm	----	N	1	E	2	NNE	1	N	1	10	----	N. NE	10	----	N. NE
29	NNW	1	NNW	1	N	1	NNW	0	NNW	2	N	1	7	Ci.-S.	S.-cf. NE	10	----	N. N
30	NNW	1	NNW	1	NNW	1	W	1	N	1	N	0	10	----	N. NE	8	----	Cu.-N.NNE
31	NNW	1	N	1	WSW	0	NE	2	E	1	NW	1	7	Ci.-S.	Cu. NE	8	Ci.-Cu.	Cu.-N.ENE
Mean	----	0.9	----	0.8	----	0.7	----	1.1	----	0.7	----	0.6	8	----	----	7.8	----	----

The thermometers of this station were broken during a typhoon on November 6, 1909.

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.82 mm.]

FEBRUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.02	60.20	61.45	59.49	60.56	62.02	24.4	23.5	24	25.8	24.5	24	26.5	23	93	95	89	81	91	94	52.3
2	61	60.76	61.90	59.92	60.83	62	23.7	23.5	24.7	25	25.1	24.3	27	22.9	95	96	90	92	88	92	42.1
3	61.22	61	62.41	60.19	61.13	61.62	24.1	23.5	25.3	26	23.8	23.5	27	22.9	92	96	89	84	93	92	27.2
4	60.26	60.33	61.21	58.81	59.33	60.62	23.3	23	27.3	26.5	24.4	24.2	28.3	22.3	90	91	78	83	93	93	9.4
5	59.67	59.07	60.21	57.71	58.44	60.02	23.7	23.7	26.3	26.3	25.2	24.8	29.7	23	97	97	83	84	92	92	13.2
6	59.03	58.89	59.82	57.56	58.35	59.07	24.2	23.2	27.9	28	27	25.2	30.4	23	89	96	76	79	75	84	7.4
7	58.93	59.14	59.91	57.73	58.07	59.03	24.7	23.8	27.6	26.8	26	24.9	29.6	23	87	93	79	83	84	92	6.1
8	58.63	58.02	58.98	57.05	57.48	58.52	24.7	24.4	25.6	28.3	26.3	25.4	29.5	24	93	95	91	75	89	91	7.9
9	57.67	57.68	58.53	56.92	57.52	58.62	24.2	24.5	28.4	26.4	24.9	24.2	29.6	23.7	94	95	75	84	87	91	18.8
10	58.30	58.47	59	57.04	58.01	58.97	24.1	23.9	26.4	28.3	26.9	26.7	29.7	23.5	92	93	88	77	84	82	2.6
11	58.55	58.72	59.47	57.35	57.93	59.01	24.8	23.2	28.4	30	27	24.8	31	22.6	87	93	74	65	75	87	------
12	58.54	58.57	59.09	57.29	58.13	59.12	24.2	23.5	26.1	24.7	24.6	24.4	27	23	91	94	82	94	92	91	18.3
13	58.72	59.15	60.04	58.09	59.16	60.10	23.9	23.5	27.4	26.7	25.5	25.3	30.6	23.1	95	95	78	71	82	85	5.1
14	59.08	59.86	60.16	58.10	59.10	60.12	24.9	24.3	27	27.3	26.2	25.3	28.2	23.5	87	92	87	81	86	88	4.4
15	59.09	60.11	60.59	58.21	59.05	60.02	24.6	24.3	28.2	29.4	26.8	25.3	30.8	23.8	92	92	74	67	83	92	.8
16	58.97	59.17	60.12	57.41	58.35	59.50	25	23.9	26.9	29	27	26.1	30	23.6	92	95	87	78	83	89	3.3
17	58.36	58.47	59.19	56.41	57.45	59.11	25.6	24	28.3	30.2	27.7	26.1	31.5	23.7	85	94	77	72	77	85	2.5
18	57.79	58.39	59.55	57.13	58.07	59.32	25	24.5	27.7	30.4	27.2	26.2	30.9	24	92	95	82	69	79	82	------
19	58.44	58.98	60.41	58.91	59.49	60.42	24.9	24	26.7	25.3	25.5	25.2	29	23.6	89	95	81	92	88	88	7.7
20	59.80	60.71	61.66	60.51	60.70	61.17	24.7	24.4	26.9	24.8	25.5	24.9	29.4	23.5	91	91	80	92	84	89	23.4
21	60.40	60.93	61.21	58.79	59.55	61.01	24.5	23.9	27.3	28.5	26.5	25	30	23.5	91	94	78	74	78	87	------
22	60.41	60.37	61.19	58.35	58.97	60.01	23.1	23.6	27.3	29.7	26.6	25.2	31.5	22.7	93	91	69	63	74	80	------
23	59.71	60.38	60.71	58.09	59.27	60.23	23.7	22.8	28.4	30	25.5	25	30.5	22.5	89	92	65	56	72	76	------
24	59.18	59.33	60.51	58.54	59.21	60.16	23.5	23	27.1	28.8	25	24.8	30.4	22.5	91	91	76	64	87	85	.5
25	59.80	59.55	60.57	58.35	58.88	59.89	24.3	23.4	27.5	28.1	26	25.7	29.5	23.2	89	95	76	72	86	88	.5
26	58.82	59	60.44	58.08	58.36	59.34	25.2	24.9	27.1	30.1	27.5	26.7	31.3	24.1	90	92	81	68	73	79	------
27	58.56	58.78	59.79	57.50	58.22	59.21	24.5	24.3	28.5	28.8	26.2	25.2	29.8	23.9	92	94	70	72	79	83	1.3
28	57.93	58.43	59.72	57.74	58.11	59.35	24.	24.3	27.5	29.5	26.5	23.6	30.5	22.3	91	91	75	68	71	86	------
Mean	59.14	59.37	60.28	58.12	58.85	59.91	24.3	23.8	27.1	27.8	26	25.1	29.6	23.2	91	93.7	79.6	76.4	83	87.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	254.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*-012*	*0–10*			*0–10*		
1	N	1	N	0	E	2	NNE	1	ENE	1	NNE	0	10	------------	N. ENE	8	------------	Cu.-N. E
2	NNE	1	N	0	N	0	NE	3	NNE	0	N	1	10	------------	N. ENE	10	------------	N. ENE
3	NNW	2	N	1	NE	0	ENE	2	Calm	----	ENE	1	10	------------	N. ENE	10	------------	N. ENE
4	Calm	----	Calm	----	NE	0	ENE	0	Calm	----	NNW	1	7	Ci.-S. SSW	Cu. E	10	------------	Cu.-N. E
5	NNW	1	NbyW	1	NE	1	W	0	NE	1	NNE	1	8	Ci.-S.	Cu.-N. ENE	8	------------	Cu.-N.NE
6	N	1	WNW	1	EbyS	0	SSE	1	E	1	E	1	7	Ci. SW	S.-Cu.	6	Ci.	Cu. E
7	NW	1	NW	1	WNW	0	Calm	----	NE	0	NE	1	7	Ci.-S. SW	Cu.-N. E	9	------------	N. ENE
8	WNW	1	NW	1	Calm	----	S	1	Calm	----	NW	0	8	Ci.-S.	Cu. ENE	9	------------	Cu.-N.ENE
9	NW	1	Calm	----	SSE	0	SSE	1	ESE	1	Calm	----	8	Ci.-S.	Cu.-N. E	10	------------	N. E
10	Calm	----	Calm	----	WNW	0	S	0	ENE	1	ENE	1	10	------------	Cu.-N. EbyS	8	Ci.-S. SW	Cu. ESE
11	NW	1	Calm	----	NNE	0	SE	1	E	1	ENE	0	7	Ci. SW	S.-Cu.	6	Ci. SW	Cu. E
12	NW	0	NW	0	NW	0	Calm	----	ENE	1	Calm	----	6	Ci.-S.	S.-Cu. ENE	10	------------	N. E
13	NNW	0	NW	1	S	0	SE	3	SSE	1	Calm	----	7	Ci.-S. SW	Cu. E	9	------------	Cu.-N. E
14	Calm	----	Calm	----	N	0	E	1	Calm	----	NW	1	10	------------	N. ESE	10	------------	Cu.-N. ESE
15	Calm	----	NW	1	SSE	0	ESE	1	ESE	1	Calm	----	8	Ci.-S.	S.-cf. E	8	Ci.	Cu. E
16	NW	0	NW	0	ESE	1	S	1	SSE	0	E	1	7	Ci.-S. WNW	S.-Cu.	8	Ci.	Cu. ENE
17	Calm	----	N	0	WNW	1	SSE	1	NE	1	NE	1	7	Ci.-S. W	S.-Cu. E	5	Ci.-S. WSW	Cu. E
18	Calm	----	WNW	1	NW	1	W	0	NE	1	NE	0	8	Ci.-S.	Cu.-N. ENE	8	Ci.-S. SW	Cu. NE
19	NNW	1	NW	1	NNW	0	Calm	----	NNE	1	NNE	1	7	Ci.-S. SW	S.-Cu. E	10	------------	N. ENE
20	Calm	----	WNW	1	NW	1	W	1	EbyN	1	NNW	1	8	Ci.-S.	Cu.-N. NE	10	------------	N. NE
21	W	1	Calm	----	NNW	0	NE	1	ENE	1	NE	1	8	Ci.-S.	Cu.-N. ENE	7	------------	Cu. ENE
22	NW	1	NW	1	WNW	1	WNW	0	NE	1	NbyW	1	9	------------	N. ENE	5	------------	Cu. NE
23	NNW	1	N	1	NW	1	E	1	NNE	2	NNW	1	5	Ci.-S.	Cu. NE	7	Ci. W	Fr.-Cu. NE
24	N	1	WNW	1	WNW	2	NE	2	NNE	1	N	0	8	Ci.-S. W	Cu. ENE	8	Ci.	Cu.-N.NE
25	NW	1	NW	1	SSE	0	SEbyS	1	SE	1	SSE	1	8	Ci.-S. W	S.-Cu. ENE	8	------------	Cu.-N.NE
26	NW	1	Calm	----	Calm	----	SE	2	NNE	1	NE	1	8	Ci. W	S.-Cu. ENE	7	Ci.-S. W	Cu. ENE
27	N	0	WNW	1	NE	1	E	1	ENE	1	NE	1	8	Ci.-S.	S.-Cu. NE	9	------------	Cu.-N.NE
28	NW	1	NW	1	NNE	0	SSE	1	ESE	1	Calm	----	8	Ci. WSW	S.-Cu.	7	Ci. SW	Cu. ENE
Mean	-------	0.6	-------	0.6	-------	0.4	-------	1	-------	0.8	-------	0.6	7.9	------------	------------	8.2	------------	------------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.82 mm.]

MARCH, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.70	58.98	59.75	58.04	57.93	59.04	23.1	23	27.2	26.7	25.8	24.5	28.2	22	90	91	77	85	88	95	6
2	57.89	57.98	58.75	56.74	57.32	58.11	24.3	23.7	28.7	31	27.7	25.5	31.5	23.1	92	94	73	61	70	84	2.8
3	56.93	57.49	59.05	56.86	57.56	59.15	24.4	23.9	28.5	30.3	27.5	25.7	31.8	23.5	91	96	74	72	81	88	------
4	58.43	59.33	60.44	57.61	58.32	59.86	24.6	23.6	29.4	30.4	27.4	25.7	31	23.3	91	95	70	68	74	78	------
5	59.03	59.46	60.65	58.46	58.46	59.95	24.5	23.4	29.4	30.4	27.3	25.8	31	21.9	86	93	62	66	73	78	------
6	59.50	59.83	60.76	58.74	58.88	60.21	24.2	23.3	28.6	28.5	26.2	25.5	30.3	22.8	90	93	70	73	86	91	------
7	58.82	58.99	59.99	57.84	58.63	59.90	24.7	24	25.6	29.5	25	24.6	30.4	23.3	91	94	86	73	88	89	6.9
8	58.78	59.50	60.32	58.23	59.13	60.37	24.1	23.5	27.4	28	24.8	24.8	30	22.8	91	96	76	81	90	92	15.7
9	59.29	59.63	61.11	59.44	59.87	61.51	24.3	24	25.7	26.5	25.5	25	28	23.5	94	95	86	80	84	86	17.2
10	60.70	61	62	60.06	61.25	62.47	24	23.6	28	30	26.2	24	31	23	89	91	74	59	75	87	------
11	61.02	61.03	61.75	59.97	60.69	61.96	23.6	23.4	28	26.2	25.4	24	29.7	22.7	88	87	70	79	80	90	4.1
12	61.62	61.90	61.99	59.99	60.35	61.53	23.7	23	26	25.4	24	23.7	29.4	22.2	90	95	84	85	91	94	39.6
13	60.72	60.72	61.74	59.77	60.55	61.76	23.5	23	26.2	28	26.2	24.4	29.2	22.2	90	91	75	65	72	78	4.5
14	60.68	61.01	61.47	59.79	60.21	60.88	23	22.5	26	26.6	25.1	24.7	29.8	22.1	89	91	82	74	84	85	1
15	59.83	59.85	60.11	58.16	58.13	58.92	24.5	24	26	27	25.8	24.6	28.2	23.5	85	87	79	72	78	87	11.4
16	57.17	57.28	56.82	54.48	55.02	55.78	23.6	23.5	24.4	25	24.2	25.4	26	23.2	92	95	91	88	86	82	4.9
17	54.26	54.94	56.32	54.74	55.84	57.73	25.1	25.4	26.6	27.6	25.5	24	29.2	23.3	83	80	83	73	84	91	6
18	56.90	57.52	58.28	56.46	57.11	58.61	23.6	23.5	27.3	29	27.9	25.9	30.3	23	89	87	78	78	78	91	19.8
19	58.02	58.10	59.04	56.91	57.87	59.81	23.5	23.3	28.5	30.4	27.5	26.7	31.3	22.6	90	94	78	71	79	84	------
20	58.84	59.65	60.77	58.29	59.35	60.67	25.9	25.1	27.5	30	25.5	25.4	30.9	24	86	88	76	69	83	84	17.3
21	59.97	60.26	60.74	58.34	58.85	60.39	23.7	23.5	27.5	29.3	26.4	24.6	30.8	23.2	95	96	83	72	85	94	3.8
22	59.17	59.60	60.54	58.29	59.11	59.99	24.5	24.5	28.3	27.6	26.4	24.9	30.5	23.8	95	95	75	79	89	92	1.5
23	59.02	59.39	60.74	58.55	58.91	60.49	24.3	24	29.3	29.4	27	25.5	31.5	23.4	95	95	76	70	83	92	------
24	60	60.51	61.36	59.33	59.64	61.71	25	24.2	29.5	29.6	27.6	26.1	31.5	23.7	92	95	70	77	80	83	1.8
25	61.03	61.23	62.29	59.89	60.61	62.22	25	23.5	27	30.2	27.2	25.5	30.8	23	87	94	84	67	75	85	.3
26	61.15	61.43	62.41	61.75	60.65	61.80	24.6	23.9	29.2	23.9	23.4	23.5	31.5	22.2	91	94	70	88	88	91	13.7
27	60.17	60.51	60.98	58.83	59.04	60.09	24	24	30	30.2	27.3	25.6	31.8	22.5	89	93	66	67	71	83	1.8
28	59.07	59.42	60.36	57.89	58.93	59.99	24.9	24.2	29.1	29	26.3	25.6	31.2	23.8	87	94	72	74	82	88	3
29	58.61	59.06	59.67	58.30	58.70	59.65	25.4	25	30	28.6	26.3	26	31.6	24.5	88	91	65	73	82	84	2.8
30	58.52	58.07	58.92	57.91	58.12	59.11	25.1	24.8	27	25.2	25.6	25.4	31	23.4	90	93	84	93	87	91	21.3
31	57.93	57.99	59.05	57.33	57.89	58.83	25.2	25.2	29.2	25.3	26	25.6	29.9	22	92	92	79	92	84	87	11.4
Mean	59.09	59.41	60.26	58.29	58.80	60.08	24.3	23.9	27.8	28.2	26.1	25.1	30.3	23	89.9	92.4	76.4	75	81.6	87.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	218.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NW	1	NW	1	NW	0	NNW	0	Calm	----	Calm	----	6	Ci.-S. SW	S.-Cu.	8	Ci.	Cu.-N. ENE
2	NNW	1	N	1	NNE	0	EbyN	1	EbyN	2	ENE	1	10	------------	N. E	6	Ci.-S. SW	Cu.-N. ENE
3	NNW	1	NW	1	NE	1	S	1	S	2	SSE	1	8	------------	N. E	2	------------	Cu. ENE
4	NW	1	Calm	----	E	0	SE	2	SE	2	ESE	1	7	Ci.-S.	Cu.	3	------------	Fr.-Cu. E
5	Calm	----	Calm	----	S	1	SSE	2	SE	2	ESE	1	7	Ci.-S.	Cu. E	4	Ci. SW	Fr.-Cu. E
6	NNE	0	NE	0	S	1	SSE	2	Calm	----	NW	0	7	Ci.-S. SSW	S.-Cu.	8	Ci.	Cu. ENE
7	NNW	1	NW	0	WNW	1	E	1	NW	1	NW	1	8	Ci.-S.	Cu.-N. ENE	8	Ci.-S.	Cu. NEbyE
8	Calm	----	ENE	1	N	0	NNW	0	NNE	0	N	1	10	------------	N. ENE	8	Ci.-S. SW	Cu. ENE
9	N	1	N	1	NE	1	SSE	1	SE	1	Calm	----	7	Ci.-S.	Cu.	10	------------	Cu.-N. ENE
10	NNW	1	Calm	----	NE	0	NE	1	NE	1	Calm	----	8	------------	Cu.-N. NE	3	Ci.	Cu. NE
11	Calm	----	N	0	ENE	0	E	2	Calm	----	Calm	----	8	Ci.-S.	Cu.-N. ENE	9	------------	Cu.-N. ENE
12	E	0	SE	0	WNW	0	Calm	----	Calm	----	NNE	2	10	------------	N. E	10	------------	N.
13	N	0	NNW	0	Calm	----	ENE	2	NE	1	ENE	0	8	------------	Cu.-N. NE	8	Ci.	Cu. ENE
14	ENE	1	E	1	NW	1	NNE	2	NNW	1	NNW	1	10	------------	N. NE	10	------------	Cu.-N. NE
15	N	2	N	2	NNW	1	N	1	NbyW	2	N	2	9	------------	Cu.-N. ENE	9	Ci.	Cu.N.-NEbyN
16	N	1	NNW	2	WNW	3	WNW	3	WNW	3	NW	2	10	------------	N. NNW	10	Ci.	Cu.-N. NW
17	WSW	4	WSW	2	SSW	0	WSW	2	WSW	0	W	1	9	------------	N. WNW	9	------------	Cu.-N. WSW
18	W	1	Calm	----	E	0	Calm	----	Calm	----	Calm	----	8	A.-Cu. SW	S.-Cu.	7	------------	Cu. SW
19	WNW	0	WNW	0	SSE	1	SSE	1	SSE	2	SE	1	3	------------	Cu.	6	Ci.-S. WNW	Cu. ESE
20	Calm	----	Calm	----	ESE	1	ESE	1	Calm	----	Calm	----	8	Ci.-S.	S.-Cu. ESE	7	------------	Cu. E
21	NW	1	ESE	2	SE	1	SE	1	NE	2	Calm	----	10	------------	N. E	8	Ci.-Cu.	Cu. ENE
22	WNW	0	W	1	ESE	0	S	1	ESE	1	ESE	0	8	------------	Cu.-N. ENE	8	------------	Cu.-N. ENE
23	NNW	0	NNW	0	SSE	1	SSE	1	Calm	----	WNW	0	6	Ci.-S. NW	S.-Cu. ESE	7	Ci.-S.	Cu. ESE
24	Calm	----	W	0	ESE	1	ESE	1	ESE	1	E	0	6	Ci.-S.	S.-cf. ENE	8	------------	Cu.-N. ENE
25	WNW	0	W	0	E	2	E	3	E	2	Calm	----	5	Ci.	S.-Cu.	3	------------	Fr.-Cu. ENE
26	WNW	0	WNW	0	ENE	0	SSE	1	Calm	----	Calm	----	7	Ci.-S. SW	S.-Cu.	10	------------	N. ESE
27	N	0	ENE	0	ESE	1	SSE	1	ESE	1	ESE	1	8	------------	Cu.-N. ESE	4	Ci.	Cu. ENE
28	Calm	----	W	0	ESE	1	ESE	1	E	1	Calm	----	2	Ci.	Cu.	7	------------	Cu. ENE
29	Calm	----	WSW	0	E	2	E	2	EbyS	1	ENE	0	2	Ci.	Cu.	6	------------	Cu. E
30	WNW	0	Calm	----	Calm	----	WNW	1	ENE	1	WNW	0	6	Ci.-S.	Cu.-N. E	10	------------	N. E
31	WNW	1	NW	1	NW	0	Calm	----	E	2	E	1	8	------------	Cu.-N. ENE	9	------------	N. NE
Mean	------	0.6	------	0.5	------	0.7	------	1.2	------	1	------	0.5	7.4	------------	------------	7.3	------------	------------

TACLOBAN.

[φ=11° 15′ N ; λ=125° 00′ E ; barometer above sea, 5.5 meters ; gravity correction not applied, —1.82 mm.]

APRIL, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.14	59.03	59.50	57.77	58.66	59.94	25	24.5	30.3	30.8	27.8	25.8	31.8	23.9	91	93	66	60	75	87	------
2	58.99	59.33	59.89	57.54	58.42	59.86	25.1	24.3	30.2	32.1	26.7	26.7	32.6	24	89	92	69	60	79	80	5.1
3	58.73	58.84	59.78	58.13	58.03	59.19	24.6	24	25.4	24.6	24.5	24.6	27	23.6	92	94	94	97	96	95	34.5
4	57.87	57.93	59.06	57.38	57.51	58.79	24.5	24.2	27.2	26	25.8	25.5	29	23.4	95	97	78	84	87	88	7.3
5	57.90	58.40	59.45	57.56	58.12	59.65	24.7	24.4	29.5	28.4	26	25	30	23.7	92	94	73	79	88	92	16.5
6	58.59	58.84	60.14	58.02	58.36	59.34	24.8	24.5	28.2	28	26.3	25.3	29.8	23.8	93	95	83	81	84	89	2.8
7	58.79	59.13	59.84	57.81	58.45	59.86	25	24	28.5	30.5	27	26.4	32	23.4	92	96	76	70	80	84	------
8	58.92	58.84	59.65	58.31	58.06	59.41	25.4	24.3	28.5	25.6	25.8	25.4	29.5	24	88	94	76	87	87	90	9
9	58.04	58.55	59.89	57.66	58.20	59.41	25	24	27	27.6	26.8	25.9	28.6	23.3	93	97	82	86	82	87	18
10	58.32	58.85	59.79	57.39	57.82	59.30	25.4	25	28.6	30.8	28	25.6	31.5	24.2	91	95	72	67	75	87	------
11	58.77	58.83	59.53	57.74	58.16	59.54	25	24.1	29.8	30.4	27.5	25.4	31.5	23.5	89	95	71	67	77	87	------
12	58.79	58.59	59.39	57.42	57.89	59.36	24.8	24	29	31.1	28.6	26.2	32	23.4	89	91	68	61	69	78	------
13	58.71	58.74	59.80	57.77	59.27	60.09	25.1	25	28	31.7	26.7	25.4	32.2	24.2	89	92	80	62	85	88	8.7
14	59.22	60.08	60.36	58.94	59.89	61.12	25.1	24.2	28.8	28.5	24.6	25	30	23	88	96	75	74	91	92	29.7
15	60.23	60.70	60.96	59.19	59.98	61.05	25	25.2	29.7	30	27.9	26.3	31.7	24.2	92	90	72	71	78	85	------
16	59.80	59.83	60.22	58.57	58.74	60.16	25.2	24.7	30	30.6	27.6	25.1	31.9	23.8	89	92	64	69	80	88	------
17	58.72	58.90	59.50	57.26	57.61	59.35	24.6	24	28.6	30.4	27.5	26.5	30.9	23	88	91	71	68	84	84	1.3
18	57.33	57.61	57.76	55.55	56.71	58.38	25.6	25.3	29.6	32.4	28.6	26.8	33.5	24.8	91	93	70	55	75	84	------
19	56.48	56.52	57.93	56.15	56.34	58.35	25.2	25	29.3	31.4	28.4	26.8	33.3	24.5	95	93	71	56	71	77	------
20	57.39	57.80	58.45	56.04	56.80	58.02	25.8	24.7	28.5	30.7	27.8	26.4	32.8	23.6	83	92	77	65	83	89	4.3
21	57.01	57.35	57.94	55.34	56.10	57.53	25.4	24.8	28.6	30.4	28	25.7	31.7	24.2	93	96	75	65	77	90	56.1
22	56.20	56.82	57.72	55.43	55.89	57.23	24.6	23.9	24.5	25	25.3	24.7	26	23.2	97	96	96	92	91	93	40.8
23	55.78	56.34	57.50	55.86	56.63	57.90	24.6	24.2	29	28.3	27	26.7	30.4	23.3	94	95	76	71	78	80	.5
24	57.41	57.87	59.06	57.54	58.34	59.54	26	25.5	29	29.4	27.8	27.1	30.8	24.7	84	86	78	76	83	87	.8
25	58.73	59.31	60.24	58.41	59.02	60.50	26.7	26.6	30.2	30	27.3	26.7	31.3	25	90	90	75	74	84	85	.8
26	59.44	59.90	60.16	58.44	58.92	60.34	25.3	25.1	30.1	30.2	27.6	27	32	24.2	94	95	69	71	80	86	------
27	59.37	59.69	60.19	58.19	58.49	60.24	26	25.5	30.5	30.6	27.4	26.5	32.4	24.3	93	91	66	65	83	89	8.6
28	59.13	60.32	60.54	58.54	59.27	60.07	25.2	24	28.3	29.9	26.6	25.6	30.8	23.6	93	95	75	68	85	88	4.6
29	59.27	59.76	60.31	58.83	59.67	61.54	25.1	24.7	29.6	26.3	25.2	25.6	31.7	24	92	94	74	78	79	79	11.2
30	60.03	60.13	60.50	58.79	59.16	60.42	24.6	24	29.5	30.5	27	25.4	31.9	23.4	87	91	70	70	83	84	.8
Mean	58.40	58.76	59.50	57.59	58.15	59.52	25.1	24.6	28.8	29.4	27	25.9	31	23.8	90.9	93.4	74.7	71.6	81.6	86.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	261.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p.m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NWbyW	0	WNW	0	ESE	1	EbyS	1	E	1	Calm	----	6	Ci.-S. SW	Cu.	7	Ci.-S. SW	Cu. E
2	Calm	----	NW	0	ENE	0	ENE	1	ENE	1	E	1	3	Ci.	Cu.	5	Ci.-S. SW	Cu. ENE
3	N	0	NE	1	NNW	1	NW	1	NNW	0	NW	0	10	------------	N. ENE	10	------------	N. EbyN
4	Calm	----	Calm	----	E	0	ESE	1	E	0	E	1	8	------------	Cu.-N. E	10	------------	N. E
5	Calm	----	Calm	----	E	0	E	0	Calm	----	NW	1	7	Ci.-S. SW	S.-Cu.	8	------------	Cu.-N. E
6	WNW	0	WNW	0	Calm	----	ENE	2	ENE	2	ENE	0	7	Ci.-S. SW	Cu. E	10	------------	N. ENE
7	NW	0	NW	0	NbyW	0	ENE	1	ENE	1	ENE	0	5	Ci.-S. SW	Cu. E	3	------------	Cu. ENE
8	NW	0	NNW	1	E	0	E	2	ENE	0	E	0	8	Ci.-S.	Cu.-N. NE	10	------------	N. NE
9	NW	0	NW	1	N	0	NNW	0	NNE	0	NW	0	8	Ci.-S. SW	S.-Cu.	8	------------	Cu.-N.NE
10	WNW	0	WNW	1	ENE	1	ENE	1	ENE	1	Calm	----	3	Ci.-S. SW	Cu.	3	Ci.	Cu. ENE
11	Calm	----	NW	1	E	0	E	1	E	1	NW	0	2	------------	S.-Cu.	3	Ci.	Fr.-Cu. E
12	NW	0	NW	0	NWbyW	1	E	1	ENE	1	NE	0	2	Ci.-S.	S.-Cu.	3	Ci.	Fr.-Cu.
13	NNW	0	NW	1	NW	1	E	1	E	1	E	1	8	------------	Cu.-N. ENE	7	Ci.	Cu. ENE
14	ENE	1	ENE	2	SE	2	SE	1	WNW	0	NW	1	10	------------	N. ENE	8	------------	Cu.-N.ENE
15	NE	0	Calm	----	E	0	SE	2	ENE	1	Calm	----	8	------------	Cu.-N. ENE	8	Ci.-Cu. SW	Cu. EbyN
16	NW	0	Calm	----	E	1	SSE	2	SSE	1	NNW	0	2	------------	Fr.-Cu.	4	------------	Fr.-Cu. E
17	NW	1	Calm	----	NW	1	SE	1	Calm	----	NE	0	9	------------	Cu.-N.NEbyE	8	------------	Cu. NEbyE
18	NW	1	N	0	NW	0	N	0	S	1	N	1	7	Ci. WSW	Cu. NE	4	Ci.	Fr.-Cu.
19	NW	1	NW	0	NNE	0	WNW	1	NE	1	NNE	1	8	Ci. S	S.-Cu.	8	Ci.	Cu. NNE
20	NW	1	NW	0	NNW	0	WNW	0	NE	1	NE	1	8	Ci.-S. S	Cu.	7	Ci. S	Cu. NNE
21	WNW	1	NW	1	NW	1	NW	0	NNE	1	NNW	1	8	Ci.-S. S	S.-Cu.	9	Ci.	Cu.-N.NE
22	NNW	2	NNW	1	NWbyN	2	N	2	NNW	1	NNW	1	10	------------	N. ENE	10	------------	N. ENE
23	Calm	----	Calm	----	SSE	2	SE	1	WSW	0	WSW	1	8	Ci.-Cu. NE	Cu.-N. S	9	------------	Cu.-N. S
24	S	1	S	1	SSE	1	SSE	1	SE	1	SSE	2	9	A.-S.	Cu.-N. S	8	Ci. NNE	Cu. SbyW
25	SSE	2	SE	2	SE	2	SSE	2	SSE	1	SSE	0	8	Ci.	Cu.-N. SSE	5	------------	Cu. SSE
26	WNW	0	WNW	0	E	0	SE	1	S	1	N	0	7	Ci. SSW	S.-Cu.	7	Ci.	Fr.-Cu. ENE
27	WNW	0	WNW	0	SE	1	SE	2	ESE	1	NW	1	5	------------	Cu. ENE	6	------------	Cu. E
28	WNW	1	SSE	1	S	0	SE	1	WNW	1	Calm	----	10	------------	N. E	8	------------	Cu.-N.ENE
29	NNW	1	WNW	0	E	1	NW	1	SSW	1	Calm	----	3	------------	Cu.	7	Ci.-S.	Cu.-N.ENE
30	NNW	0	NW	1	ESE	0	SE	1	N	1	Calm	----	7	Ci.-S. SSW	Cu.	8	Ci.-S.	Cu. ENE
Mean	-------	0.4	-------	0.5	-------	0.6	-------	1.1	-------	0.8	-------	0.5	6.8	------------	------------	7	------------	------------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.82 mm.]

MAY, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.33	59.71	60.25	57.98	58.58	59.59	25.1	24.6	28.8	30	25.2	25.1	31.5	24	87	92	72	71	90	91	2
2	58.26	58.48	59.26	57.55	57.54	59.03	24.9	24.8	29.4	27.5	27.5	26	31	24.3	93	95	74	81	81	89	9.6
3	57.92	58.34	58.96	57.18	57.45	59.45	25.7	25.1	29.1	26	27.5	24.9	31.4	23.4	90	94	73	88	84	92	27.4
4	58.13	58.33	58.79	56.83	57.58	58.91	24.3	24.8	28.4	25.8	26.3	25.2	30.3	23.7	96	95	75	86	90	92	13
5	57.40	57.53	57.52	55.56	56.02	57.50	24.7	24.5	29	29.7	27.9	26.7	30	24.2	95	96	69	69	79	83	----
6	56.20	56.36	57.13	55.39	56.28	57.72	26.5	25.8	29.6	30	28.5	26.6	31.8	25	83	88	74	67	73	80	1
7	56.68	56.79	58.11	55.91	56.24	57.71	25	25.3	30	30.8	28.6	26.5	32	23.8	93	93	65	70	80	90	----
8	56.83	56.99	57.86	55.51	55.91	57.61	25.5	24.5	30.8	31.4	28.8	27.8	33.1	23.8	93	96	68	68	79	84	----
9	56.92	57.18	57.49	55.56	56.10	57.95	26	26	31.2	28.6	27.6	26.5	32.7	24.8	91	93	72	79	83	92	----
10	57.11	57.69	57.99	56.26	56.61	58.41	25.9	25.8	31.1	28.5	27.8	25	32.6	23.8	95	96	70	76	81	93	46.2
11	57.43	58.34	59.21	57.14	57.24	58.44	25.2	25.1	30.6	29.8	27.5	26	32.4	23.4	94	95	74	73	81	89	4.6
12	57.83	58.42	58.76	57.19	57.49	59.21	25.5	25	30.4	31.4	28.2	27	32	23.8	92	95	64	67	83	86	----
13	58.46	58.55	58.39	56.09	56.76	58.54	26	25.2	29.8	32.6	27.7	27	34	24.4	89	94	69	54	79	84	----
14	57.63	57.66	58.50	55.92	56.68	58.41	26.7	26.6	30	33.5	26.6	25.6	34	24.8	80	80	70	64	87	93	1.3
15	57.44	58.30	58.97	56.73	57.48	59.08	24.8	24.6	29.5	31.8	29.6	27.4	33	24.2	95	92	67	55	65	76	----
16	57.83	58.88	59.79	57.32	58.56	59.46	25.3	24.8	31	32.8	29	26.8	34.2	23.6	89	90	69	61	71	88	----
17	58.56	59.48	59.53	57.74	58.04	59.46	25.1	25.2	31.2	29.6	29.7	27.7	33	24.1	91	92	66	77	76	83	----
18	58.86	59.18	59.62	58.09	59.14	60.29	25.7	25.8	30.8	29.9	25.4	25.5	33.2	24	93	93	74	71	84	90	20.1
19	59.19	59.72	60.29	58.19	59.06	60.90	25.1	25	30.4	30.8	26.8	25.8	32.2	23.8	94	95	73	71	87	89	.8
20	59.89	60.52	61.22	59.42	59.81	61.72	25.2	25.5	31.3	29.3	26.7	25.8	32.6	23.8	94	95	73	71	85	87	----
21	60.49	60.77	60.92	59.19	59.38	60.89	25.8	25.9	30.5	29.5	28	27.5	32.5	24.4	87	88	76	75	77	80	----
22	59.82	60.14	60.59	58.64	58.50	59.51	26.5	25.5	30.7	29.4	27.7	27	31.8	25	87	94	70	75	79	83	2
23	58.22	58.38	59.54	57.42	58.01	59.06	26.1	25.5	30.2	30.6	28	27.5	31.8	25	90	94	71	70	85	81	----
24	58.22	58.32	59	56.94	58.26	59.49	26.4	25.6	30.1	30.5	27.5	25.6	32	24.3	88	93	76	70	87	92	2
25	58.72	58.79	59.46	57.57	58.49	59.44	25.6	25.4	29.3	32.2	28.5	26.8	32.6	24	93	95	76	63	81	87	----
26	58.91	59.04	59.45	57.43	57.70	59.07	26	25	30.4	31.7	28.3	26.8	33	24.4	89	92	69	69	82	91	1.5
27	58.11	57.77	58.44	56.72	57.21	58.59	26.5	25.8	31.4	32.2	29.2	28.5	32.8	24.3	88	88	68	67	76	78	----
28	58.02	58.38	58.33	56.62	57.53	59.61	27	26.4	31.6	32.1	29	27.2	33.5	25.3	87	89	70	68	81	88	19.3
29	58.94	59.83	59.71	58.35	59.01	60.15	25.9	25	29.5	31.1	28.3	27	31.5	24.5	90	92	74	68	82	90	----
30	59.31	59.65	60.39	58.60	59.11	60.32	26.5	26.2	30.8	27.5	27.8	26.1	32.4	25.3	91	90	70	84	82	90	3.5
31	59.12	59.61	59.51	57.66	58.11	59.67	25.8	25	26.8	28.8	27.5	27.5	30.3	24.4	90	95	87	79	82	83	.8
Mean	58.25	58.62	59.13	57.18	57.74	59.20	25.7	25.3	30.1	30.2	27.8	26.5	32.3	24.2	90.5	92.5	71.5	71.2	81	86.9	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	155.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	NW	0	NNW	1	SE	1	SE	1	Calm	----	8	Ci.-S.	Cu.-N. ENE	8	----	Cu.-N. ENE
2	NW	1	WNW	1	WNW	1	EbyS	1	E	0	Calm	----	6	Ci.-S. SW	Cu.	9	----	Cu.-N. ENE
3	WNW	0	WNW	0	WNW	0	NW	1	Calm	----	NE	3	6	Ci.-S. SW	S.-Cu.	9	----	Cu.-N. NE
4	Calm	----	WNW	1	NW	1	WSW	1	NW	1	NW	1	7	Ci. SW	Cu.	10	----	N. NNE
5	NW	1	NW	1	N	3	NNW	2	NW	2	NW	1	8	Ci.	Cu.-N. N	8	Ci. S	Cu. N
6	W	1	W	1	WNW	1	WNW	2	WNW	1	W	1	9	Ci.-S. E	Cu. WSW	9	Ci.	Cu. WSW
7	W	0	Calm	----	SE	1	ESE	2	ESE	1	Calm	----	8	Ci.-S. SSE	S.-Cu.	7	Ci. SE	Cu. SW
8	Calm	----	Calm	----	ESE	1	ESE	1	ESE	1	Calm	----	2	Ci.	S.-Cu.	4	Ci.	Cu. SW
9	Calm	----	S	0	ESE	0	N	1	NNE	1	W	0	8	Ci.-S. ESE	S.-Cu.	9	----	Cu.-N. SW
10	W	0	WNW	0	E	1	ENE	2	Calm	----	ENE	1	6	Ci.-S.	Cu.	8	----	Cu.-N. W
11	ENE	1	WNW	0	SSE	0	E	1	E	1	ENE	1	7	Ci.-S. SW	S.-Cu.	8	Ci.-Cu. SW	Cu. E
12	ENE	1	ENE	1	ESE	1	ESE	1	Calm	----	ESE	1	5	Ci.-S.	Cu.	7	Ci.-S. W	Cu.
13	WNW	1	W	1	W	1	NNE	0	NEbyN	1	N	1	7	Ci.-S. SW	Cu.	6	Ci. SW	Cu. NE
14	N	1	N	1	NNW	1	NE	1	NE	0	NNE	0	6	Ci.-S. SSW	Cu.	6	----	Cu. NE
15	NW	1	NNW	1	NNW	1	NNW	1	NW	1	Calm	----	8	Ci. SSW	S.-Cu.	7	Ci.-S. SSW	Cu. E
16	NW	1	NNW	1	NNE	0	SE	0	Calm	----	WNW	1	8	Ci.-S.	S.-Cu.	7	Ci. NE	Cu. W
17	WNW	0	Calm	----	NNE	1	NNW	1	Calm	----	SE	1	8	Ci.	S.-Cu. W	8	Ci. NE	Cu. W
18	Calm	----	Calm	----	S	1	SSE	1	WNW	1	WNW	0	8	Ci.	Cu.	8	----	Cu.-N. WNW
19	W	1	WNW	1	ENE	1	SSE	1	NW	1	WNW	0	7	Ci.-S.	S.-Cu.	8	Ci.	Cu. W
20	WNW	0	WNW	0	NNE	1	SSE	0	WbyS	0	Calm	----	6	Ci.-S. ENE	Cu.	9	----	Cu.-N. SSW
21	Calm	----	W	0	SSE	2	SSE	3	SE	2	SE	1	5	Ci.-S. NW	Cu.	8	Ci.-Cu. NW	Cu. SSE
22	NW	1	WNW	0	SSE	1	SE	1	SE	1	Calm	----	6	----	Cu. SE	8	----	Cu.-N. SE
23	Calm	----	ESE	0	SEbyS	1	SE	2	SE	1	SSE	1	6	Ci.-S. NNW	Cu. SE	5	Ci.-S. NNW	Cu. SE
24	Calm	----	Calm	----	SE	1	SE	2	SE	1	Calm	----	8	Ci. NNW	Cu.	8	Ci. NNW	Cu. S
25	Calm	----	Calm	----	S	0	SSE	1	SSE	0	WSW	1	8	Ci.	Cu.-N. S	8	Ci.	Cu. S
26	WSW	1	Calm	----	S	1	SSE	1	SSE	1	Calm	----	8	Ci.-S.	S.-Cu.	7	Ci.-S. NW	Cu. S
27	Calm	----	Calm	----	SSE	1	SSE	1	SSE	0	SSE	0	5	Ci. NNE	S.-Cu.	6	Ci. NNE	Fr.-Cu. SSW
28	SSE	0	S	0	SSE	1	SSE	1	Calm	----	NW	1	6	Ci.-S. NNW	Cu.	8	Ci.-S.	Cu.
29	Calm	----	Calm	----	NE	1	ESE	1	WSW	1	W	0	10	----	Cu.-N.	7	Ci.-S. NW	Cu.
30	WNW	1	WNW	0	ENE	1	ESE	0	Calm	----	SE	1	8	Ci.-S. NNW	S.-Cu.	9	----	Cu.-N. ESE
31	SE	1	Calm	----	SSW	1	SE	1	SE	1	SE	1	10	----	Cu.-N. E	10	Ci.	Cu.-N. ESE
Mean	----	0.5	----	0.3	----	0.9	----	1.1	----	0.7	----	0.6	7	----	----	7.7	----	----

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.82 mm.]

JUNE, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.80	58.81	59.52	57.91	58.07	59.64	26.8	26	30.4	29.8	28.3	27.2	32	25.4	87	92	68	71	78	85	0.8
2	58.86	59.03	59.18	57.23	57.72	59.15	25.8	26	30.6	30.6	27.6	27	31.6	24.2	93	94	64	69	82	84	6.3
3	58.21	58.61	58.85	57.14	57.36	58.36	26.2	25.6	30.1	29	27.3	26.4	32	25	89	93	71	80	87	86	------
4	57.79	57.86	58.19	56.44	56.31	58.44	26.1	25.8	29.2	29.9	29	27.5	30.8	25	88	89	76	76	81	87	2.8
5	58.01	58.30	59.59	58	58.30	59.76	26.5	26	29.5	29.4	27.6	25.8	31.5	24.3	94	95	81	76	76	86	3.8
6	59.56	59.81	60.18	58.32	58.80	60.29	25	24.6	31.3	31.7	28.5	27.5	33	23.9	91	94	66	60	73	80	------
7	59.59	59.71	59.87	58.10	58.75	60.40	26.3	25.4	30.9	31.4	27	25.5	32.6	24.6	88	93	64	67	87	93	34
8	60.44	59.51	60.42	58.83	58.61	59.89	25.3	25.1	26.5	27	26	25.4	27.6	23.8	90	89	88	80	91	95	1.3
9	59.19	59.60	60.04	58.25	58.55	60.29	25.4	25.5	30.6	30.6	28	27	31.5	24.9	95	94	65	64	74	80	------
10	59.36	60.11	60.72	59.14	58.65	60.55	25.8	24.8	30.5	30.6	28.2	27	31.5	23.5	88	93	72	71	78	84	------
11	60.32	60.59	61.42	59.61	60.51	61.51	25.9	25.5	26.5	26.2	26	25.7	28.3	24.3	90	92	84	88	85	88	5.6
12	60.50	60.67	60.64	59.42	59.63	60.55	25.6	25.5	30.2	27	28.7	26.9	31.5	23.7	91	92	70	83	78	88	8.1
13	59.54	59.31	59.69	57.69	58.47	59.76	26.1	25.5	28.5	30.3	27.3	26.5	31.5	24.7	91	93	81	73	88	88	4.6
14	58.81	59.72	60.94	59.18	58.82	60.15	26.1	25.8	26.5	27.3	24.5	24.3	29.9	23.8	91	93	90	83	89	91	6
15	59.25	59.38	59.68	58.10	58.42	59.99	24.6	25	30.1	28.9	26.2	25.9	32.4	23.6	91	92	71	78	91	94	9.6
16	58.68	58.84	58.98	57.95	58.59	59.76	25.2	25	30.5	31	27.5	26.1	32	24.5	95	95	68	69	79	89	------
17	58.91	59.12	59.80	58.48	58.23	59.43	25.5	25	26.5	27.5	24.4	24.5	28.5	23.8	90	92	82	81	88	90	2
18	58.24	58.15	58.80	57.70	57.53	59.34	24.3	24.6	31.1	28	27.2	26	31.5	23.5	91	91	69	84	84	88	16
19	58.72	58.85	59.72	58.73	58.32	59.69	25.5	24.5	28.5	29.8	27.8	25.6	30.5	24.2	89	96	78	70	80	92	.5
20	58.48	58.65	58.95	57.19	58.11	59.43	24.9	24.6	28.7	30.8	25.4	24.4	32	23.5	95	95	80	70	88	96	8.4
21	58.73	58.92	58.80	57.44	58.16	59.49	23.7	23.5	28.5	29	25	25.1	30.6	23	96	96	78	74	92	92	17.5
22	58.89	59.03	58.96	57.48	57.71	58.76	25	25	29.2	29.9	25.5	25	32	24.2	94	94	76	73	95	92	12.2
23	57.73	57.03	58.30	56.87	56.86	58.43	25.1	25.1	29.7	25.6	26	24.8	30.9	24	91	93	79	94	92	93	.8
24	57.34	57.37	57.86	55.77	57.01	58.44	24.3	24.5	27.4	31.7	25.5	24.4	32.3	23.5	93	96	88	64	88	97	8.1
25	57.40	57.48	57.68	56.66	57.33	58.72	24.1	24.2	29.8	27	26.5	25.5	32.2	23.2	95	94	73	85	88	92	------
26	57.94	58.22	58.13	57.38	58.23	59.36	25.1	24.9	29.8	25.6	24.7	24.6	31.5	23.2	92	92	76	91	94	95	17.8
27	58.69	58.43	58.94	57.56	57.72	59.27	24.4	24.6	29.4	29	27	27	31.5	24	97	96	75	78	84	86	36.1
28	58.82	58.93	59.01	57.41	58.17	59.32	25.8	24.2	29.2	30.4	26.3	25.5	31.3	23.6	87	94	80	68	85	89	------
29	58.73	58.88	59.31	58.27	58.31	59.27	25	24	29.7	27.5	25.4	25.2	30.5	23.3	91	96	71	81	92	95	2.8
30	58.48	58.92	58.98	57.48	58.16	59.27	25.1	24.8	30.5	29.9	26.6	25.9	31	24.2	92	93	70	71	90	93	------
Mean	58.80	58.93	59.37	57.86	58.18	59.56	25.4	25	29.3	29.1	26.7	25.8	31.2	24	91.5	93.4	75.1	75.7	85.2	89.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	205.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	ESE	1	SE	1	SE	1	SE	0	7	Ci.-S. NW	Cu. ESE	6	----------	Cu. ESE
2	NW	1	WNW	1	SE	1	SE	1	ESE	0	Calm	----	2	----------	Cu.	3	----------	Cu. E
3	NNW	0	NNW	1	E	0	SSE	1	Calm	----	Calm	----	8	Ci.-S.NWbyW	Cu.	9	----------	Cu.-N. E
4	NW	1	WNW	1	ENE	0	SSE	2	SSE	1	SSE	1	8	Ci.-S. NW	Cu.-N. E	8	----------	Cu.-N. E
5	NW	1	Calm	----	SSE	2	SSE	3	ESE	2	Calm	----	8	Ci.-S.	Cu. ESE	8	----------	Cu.-N.ESE
6	W	1	WSW	1	WNW	0	S	1	ESE	2	ESE	1	6	Ci.-S. W	Cu.	7	Ci.-S. W	Cu. ESE
7	WNW	1	W	1	E	1	S	1	Calm	----	W	1	7	Ci. W	S.-Cu.	8	Ci.-S. NW	Cu. E
8	ESE	1	Calm	----	NNW	0	NNW	1	Calm	----	W	1	10	----------	Cu.-N.	10	----------	Cu.-N.ENE
9	NW	1	NW	1	SE	1	ESE	2	ESE	1	ESE	1	8	Ci.-S. NW	Cu. ESE	8	Ci.-S. NW	Cu. ESE
10	SE	0	Calm	----	ESE	1	SE	3	SE	0	Calm	----	2	----------	S.-Cu.	5	----------	Fr.-Cu. ESE
11	Calm	----	Calm	----	EbyS	2	ESE	1	ESE	2	ESE	1	8	Ci.-S.	Cu. EbyS	10	----------	N. ESE
12	WNW	0	WNW	0	S	1	Calm	----	ENE	0	ENE	0	8	Ci.-S. NW	Cu. ESE	6	----------	Cu.-N.
13	WNW	0	WNW	0	W	0	ESE	2	Calm	----	E	0	8	Ci.-S.	Cu.-N.ESE	7	----------	Cu.-N. ESE
14	E	0	SW	0	ESE	0	ESE	0	SSE	1	ENE	0	8	----------	N. ESE	10	----------	Cu.-N. SE
15	Calm	----	WNW	0	ESE	1	SE	2	Calm	----	WNW	1	3	Ci. NW	Cu.	8	----------	Cu.-N. ESE
16	WNW	1	NW	1	E	0	ESE	2	ESE	1	Calm	----	7	Ci.-S.	Cu.	8	Ci. WNW	Cu. ESE
17	NNE	0	NW	0	SE	1	Calm	----	WNW	1	WNW	1	8	Ci.-S.	Cu.-N.	10	----------	Cu.-N. ESE
18	WNW	1	NW	1	E	1	ESE	1	ENE	1	ENE	1	6	Ci.-S. NW	Cu.	9	----------	Cu.-N. E
19	WSW	1	Calm	----	ESE	1	ESE	1	ESE	0	W	1	8	----------	Cu.-N.	8	Ci.	Cu. E
20	WNW	1	NE	0	ENE	0	E	2	Calm	----	Calm	----	8	Ci.-Cu.	Cu. E	9	Ci.	Cu.-N.ENE
21	NW	1	Calm	----	SSE	1	SE	1	Calm	----	Calm	----	9	Ci.-s. wsw	Cu.-N. E	8	----------	N. E
22	NW	1	NW	1	E	0	SSE	1	Calm	----	W	1	9	----------	Cu.-N. ENE	8	----------	Cu.-N.ENE
23	Calm	----	NW	1	ENE	1	Calm	----	Calm	----	ENE	0	8	Ci.-S.	Cu.-N.	10	----------	N. ESE
24	W	1	WNW	1	NNE	0	ESE	1	NW	1	Calm	----	8	Ci.-S. NW	Cu.-N.SSE	7	Ci.-S. NW	Cu.
25	Calm	----	Calm	----	ENE	1	ENE	0	Calm	----	Calm	----	7	Ci.-S.	Cu.	9	----------	Cu.-N.ENE
26	NW	2	NW	1	E	1	NNW	2	Calm	----	Calm	----	7	Ci.-S. SW	Cu. ENE	10	----------	N.
27	NW	0	WNW	1	SE	2	EbyS	1	SE	1	SE	1	8	Ci.-S.	Cu.-N. S	9	----------	Cu.-N. S
28	SE	1	WNW	0	E	1	SSE	1	NE	1	Calm	----	7	Ci.-Cu.	S.-Cu.	6	Ci.-S. WNW	Cu.-N. ESE
29	NW	1	Calm	----	ESE	1	ESE	0	ESE	1	Calm	----	7	Ci.-S.	Cu.	10	----------	Cu.-N. ESE
30	W	1	WNW	1	E	1	ESE	1	Calm	----	Calm	----	8	A.-Cu.	Cu.-N.ESE	8	----------	Cu. ESE
Mean	-------	0.6	-------	0.5	-------	0.8	-------	1.2	-------	0.6	-------	0.4	7.2	----------	----------	8.1	----------	----------

TACLOBAN.

[φ=11° 15′ N; λ=125° 00′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.82 mm.]

JULY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a.m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.74	58.09	58.41	56.90	58.08	59.05	24.9	24.6	28.5	29.2	24.6	25	31.5	23.6	94	95	77	70	92	88	1.3
2	57.92	58.08	59.09	58.04	58.37	59.40	24	24	29.3	27.9	26.5	25.6	30.5	23.5	97	96	76	79	86	87	5.8
3	58.30	58.85	59.05	57.86	58.31	60.14	24.8	23.8	29.4	31.8	26.6	25.8	32.4	22.5	87	93	74	62	86	91	1.5
4	58.71	58.78	59.01	58.09	58.59	61.02	25.5	25	29.4	31	28	26.9	32	23.9	93	96	77	67	76	83	------
5	59.49	60.14	61.24	59.64	60.19	61.74	25.7	25	29.4	30	28	27	31.3	24.4	90	95	71	75	80	87	24.4
6	60.74	61.31	61.81	59.93	60.14	62.20	26	24.1	30.3	29.8	28	26.8	31.8	23	92	95	66	73	77	85	.5
7	60.91	61.12	61.31	59.76	60.16	62.10	25.3	25	28.4	29.4	27.5	25.4	31	23.6	94	96	77	73	81	92	8.6
8	60.80	60.55	60.52	59.36	59.51	60.94	24.5	24.7	30.3	27.8	26.6	24.6	31.5	22.8	94	94	74	80	87	92	.3
9	59.91	59.77	59.73	57.84	58.44	60.19	24.5	23.9	30.3	31.6	28.5	26.8	32.8	22.3	92	96	72	65	80	90	------
10	59.29	59.52	59.54	58.21	58.20	59.42	26	24.6	31.6	28.4	28	26.5	32.4	23.6	92	95	72	87	76	85	3
11	58.72	58.77	59.25	58.46	58.68	59.71	25.4	25	29.5	25.8	25.5	25.8	31.3	24.2	92	93	76	85	88	92	2.5
12	58.59	58.98	59.09	57.19	57.29	58.95	24.8	23.7	25.5	30.2	29.2	25.9	32.7	22.4	85	94	81	64	69	91	------
13	57.88	57.84	57.82	55.95	56.19	57.68	25.7	25.4	28.8	30.4	28.3	26.5	31.8	25	82	80	75	64	72	84	------
14	56.33	56.19	56.60	54.94	55.29	56.95	24.7	24	30.6	29.3	28	26	32	23.4	92	96	71	79	84	92	14.5
15	56.31	57.03	58.27	56.28	56.76	57.93	24.9	24.3	26.7	27.7	27.2	25.1	29.2	23.3	92	93	83	84	87	93	9.6
16	57.13	57.94	58.39	56.88	57.44	58.86	23.4	23	29	31.4	28	27.5	32.6	22.8	96	97	74	66	79	81	------
17	58.12	58.64	59.22	57.91	58.44	60.02	26	25.3	30.6	32.2	27.2	25	32.8	24.2	90	93	75	66	81	92	------
18	59.13	59.18	59.98	58.19	58.08	59.10	25.7	25.9	30.6	31.2	28.4	26.2	32.1	24.4	88	93	68	66	77	89	------
19	57.86	57.89	58.14	56.81	56.86	58.36	25.2	24.6	31.4	31.5	28	26.2	33	23.8	92	95	66	66	77	85	1.5
20	57.53	58.06	58.58	57.15	58.09	60.10	25.8	25	30	30.8	28.5	26.8	31.6	24	88	94	67	70	77	86	------
21	59.03	59.84	59.81	58.75	59.45	61.34	26	25.2	31	32	27.5	26.4	33	24.8	89	93	70	66	77	85	2.5
22	60.29	59.53	59.49	57.71	58.52	59.54	24.6	24.9	28.6	30.3	25.7	26	31.5	23.8	93	92	79	74	93	92	23.6
23	58.09	57.82	57.64	55.53	56.73	57.57	25.5	25.1	30	33.4	26.5	26	34.4	24.8	93	96	71	62	86	94	11.7
24	56.27	56.31	56.98	55.41	55.83	57.54	25.7	25.6	30.6	32.5	26.3	25.6	33.8	24.6	94	95	73	67	87	92	10.7
25	56.22	56.20	57.19	56.21	56.99	58.43	25	25	30	30.5	25	23.9	34	22.7	96	96	75	68	83	92	4.1
26	57.39	57.69	58.16	56.97	57.81	58.88	24.2	24.5	30.6	30.4	25.5	24.4	32.5	22.7	93	95	70	67	92	92	4.8
27	58.17	58.82	58.64	56.84	57.17	58.49	24.2	24	30.3	31.5	30	27.2	33.5	23.4	93	95	73	72	67	84	------
28	57.86	58.01	57.89	57.05	57.05	58.72	26.3	25.4	31.5	28.2	27.7	25.3	33.1	23.8	88	93	72	80	79	93	.8
29	57.23	57.23	57.79	56.08	56.85	58.43	24.9	25	30.8	32	27.4	25.8	33.3	23.8	95	96	71	67	78	91	17.8
30	57.67	57.77	58.48	57.21	57.92	59.35	25	25.2	31	29.4	27.9	26	33	24	95	94	71	76	85	93	6.4
31	58.32	59.23	59.77	57.88	58.21	59.81	24.9	24	31.2	26.5	27.8	25.4	33.4	23.3	94	96	71	85	76	92	8.4
Mean	58.32	58.56	58.93	57.45	57.92	59.42	25.1	24.7	29.8	30.1	27.4	25.9	32.3	23.6	91.8	94.2	73.2	71.8	81.1	89.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	164.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	Calm	----	W	0	NbyW	1	NW	3	NNW	1	Calm	----	8	Ci.-S. NW	Cu. NE	9	------------	Cu.-N. NW
2	NW	1	Calm	----	N	0	SSE	0	ENE	0	Calm	----	8	------------	Cu.-N. WNW	9	------------	Cu.-N. NW
3	N	1	WNW	0	EbyN	1	ESE	1	ESE	1	WNW	0	8	Ci.-S.	Cu.	8	Ci.-S. EbyN	Cu. NW
4	Calm	----	Calm	----	S	2	S	2	SSE	1	SE	1	8	Ci.	Cu. S	7	Ci.,Ci-S.NW	Cu. SSE
5	SSE	1	Calm	----	SE	1	ENE	1	ESE	1	E	1	8	Ci.-S. NW	Cu. SE	8	Ci.-S. NW	Cu.
6	ESE	1	Calm	----	SSE	0	SSE	1	SE	1	SSE	1	4	Ci.	Cu.	5	Ci.-S. NW	Cu. ESE
7	NW	1	WNW	0	SE	1	SE	1	Calm	----	WNW	0	9	------------	Cu.-N.	8	Ci.-S. NW	Cu. ESE
8	NNW	1	WNW	0	SE	1	SSW	1	SSE	1	SSE	0	8	Ci.-S.	S.-Cu.	9	------------	Cu.-N. ESE
9	Calm	----	Calm	----	ESE	1	ESE	1	SSW	1	Calm	----	2	Ci.	Cu.	3	------------	Fr.-Cu.
10	Calm	----	Calm	----	ESE	1	ESE	0	Calm	----	WNW	0	7	Ci.	Cu.	10	------------	N. W
11	NNE	0	ENE	0	ESE	1	Calm	----	Calm	----	WNW	1	7	------------	S.-Cu.	10	------------	N. WNW
12	WSW	0	Calm	----	NW	2	SSW	0	NW	1	NW	1	9	------------	Cu.-N. NW	8	Ci.-Cu.	Cu. WNW
13	NW	2	NW	1	WNW	0	NW	2	NW	1	WNW	0	9	------------	Cu.-N. WNW	8	Ci. N	Cu.
14	NW	3	Calm	----	ESE	1	Calm	----	NE	0	WNW	2	7	Ci.-S. NNE	Cu.	8	------------	Cu.-N. WNW
15	NW	2	Calm	----	NNE	2	NW	1	Calm	----	Calm	----	10	------------	Cu.-N. W	8	Ci.-Cu.	Cu.-N. NW
16	Calm	----	Calm	----	SbyE	1	SE	2	SSE	1	SSE	1	6	Ci.-S.	S.-Cu.	8	Ci. ESE	Cu. SW
17	Calm	----	WNW	1	ESE	1	ESE	1	SE	1	Calm	----	7	Ci. N	S.-Cu.	7	Ci. N	Cu.
18	Calm	----	WNW	1	SSE	1	SE	2	SSW	0	SSE	0	7	Ci.	Cu. SSE	6	Ci. NNE	Cu.
19	Calm	----	Calm	----	ENE	0	SSE	2	NE	1	NNE	1	3	Ci.	Cu.	6	Ci.-S. NW	Cu. ESE
20	NNE	0	Calm	----	SSE	1	SSE	2	SSE	2	SSE	2	8	Ci.-S. NW	Cu. SE	3	------------	Fr.-Cu. SE
21	ENE	1	WNW	1	NW	1	SSE	1	SSE	1	NNE	1	4	Ci.	Cu.	3	------------	Fr.-Cu. E
22	Calm	----	WNW	1	ENE	0	W	0	Calm	----	WNW	0	8	Ci.-S.	Cu.-N. EbyN	7	Ci.-S. NW	Cu. ENE
23	WNW	1	WNW	1	WNW	1	SSE	1	Calm	----	WNW	0	2	Ci.	Cu.	5	------------	Cu. E
24	N	1	Calm	----	NNW	1	E	1	Calm	----	W	1	8	Ci.-S., Ci. NW	Cu. E	8	Ci.-S.	Cu. ENE
25	WNW	1	W	1	NNW	1	S	1	SW	1	Calm	----	5	Ci.	Cu.	7	Ci.-S.	Cu. ENE
26	WNW	1	WNW	1	ENE	1	ESE	1	WNW	1	WNW	1	7	Ci.-S. NW	Cu.	8	------------	Cu.-N. E
27	ENE	1	WNW	0	ESE	1	ENE	1	NNW	1	NNW	1	3	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. ENE
28	NW	1	WSW	1	ESE	0	E	0	WNW	1	Calm	----	7	Ci.-S. E	Cu.	9	------------	Cu.-N. NE
29	Calm	----	WNW	1	ESE	1	ESE	1	SSE	2	Calm	----	8	Ci.-S. SSW	S.-Cu.	6	Ci.-S.	Cu. WNW
30	Calm	----	WSW	1	E	1	N	1	Calm	----	W	0	8	Ci.-S. E	Cu.-N.	8	------------	Cu.-N. SW
31	WNW	0	Calm	----	ENE	1	ENE	0	Calm	----	Calm	----	2	Ci.	Cu.	9	------------	Cu.-N. WSW
Mean	-------	0.6	-------	0.4	-------	0.9	-------	1	-------	0.7	-------	0.5	6.6	------------	------------	7.3	------------	------------

TACLOBAN.

[φ=11° 15′ N; λ=125° 00′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.82 mm.]

AUGUST, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.19	58.54	58.78	57.23	57.76	59.50	25	24.9	31.4	29.6	27.5	25.3	33.5	24	95	96	72	69	81	93	------
2	57.79	57.82	58.05	56.73	57.25	58.37	24.7	25	30.8	26.6	26.3	25.2	32.7	23.5	96	96	71	84	85	92	------
3	57.52	57.63	58.18	56.80	57.19	58.73	24.9	24	30.6	26.3	26	25.3	33.3	23.6	90	96	74	86	86	89	1
4	58.04	58.08	58.44	56.49	57.68	59.45	24.3	24.8	31.4	32	26.3	25.3	33.4	23.5	93	96	68	64	86	91	7.1
5	58.20	58.70	58.96	56.98	57.31	59.16	24.6	25	30.8	32.6	27.2	26.1	33.3	23.6	90	88	71	63	89	94	------
6	58.43	58.72	59.05	57.29	57.13	59.22	25.2	25.3	30.1	32	29.1	26.2	32.7	24.5	93	93	73	71	78	92	1.3
7	58.02	58.31	58.44	56.98	57.09	58.73	25.3	25	31.6	31.4	29.6	27	34	24.5	96	95	72	66	77	86	13.7
8	58.44	58.31	59.09	57.08	57.15	58.66	25.2	25	28.5	30.6	28.6	26.5	32.5	24	92	94	80	76	77	90	------
9	57.99	58.09	58.53	56.99	57.52	59.26	26.1	25.3	31	33	27.2	26.5	33.6	24	87	90	67	63	90	85	------
10	58.24	58.37	58.81	56.87	57.26	59.11	26	25.2	31.5	32.4	28.5	26	33.5	23.8	87	90	69	61	76	87	------
11	58.43	58.61	58.95	57.34	57.71	59.41	26.5	25	28.6	29.5	27.3	26.1	30.2	24.3	83	92	78	75	78	85	1.5
12	58.83	59.08	59.33	57.82	58.04	59.34	25	24.5	31.5	29.1	27	26.3	32.7	23.6	90	92	70	72	86	92	------
13	57.84	57.84	57.98	56.19	56.74	57.76	24.9	25.1	31.8	31	28.5	27.6	32.8	23.8	94	95	66	70	78	78	------
14	57.47	57.56	58.13	57.11	57.62	58.61	25.7	24.8	29.7	29.5	27.2	26.3	32.4	24.3	88	93	72	64	78	85	------
15	57.92	58.91	58.78	56.87	57.36	59.06	25.8	25.6	27.2	30.8	28.5	27	32	24.7	89	87	81	62	71	83	.8
16	58.13	59.29	58.70	56.54	56.93	58.62	25.8	25	30.7	31.5	28	26	33	24.5	85	88	67	63	81	89	10.7
17	57.79	57.79	58.42	56.89	57.20	59.02	25.3	25.5	31.5	31.7	28.6	27	33	24.6	93	92	72	66	73	83	------
18	58.11	58.38	58.83	57.06	57.29	59.20	26.2	25.8	31.3	31.5	28.5	26.5	33.2	24	89	92	64	71	81	86	------
19	58.07	58.01	59.04	57.46	57.65	59.24	25.3	25	31.2	31.2	27.5	27.2	33.5	24.5	93	94	64	66	81	83	------
20	57.89	57.96	58.83	57.54	58.23	59.49	25.3	25	28.5	26.5	26	25.1	30.9	24.3	93	93	78	88	88	95	22.1
21	58.65	58.78	59.11	57.42	58.50	59.89	24.6	24.5	30	31.5	28	27.4	32.5	23.7	92	92	75	66	85	81	2.6
22	59.05	59.27	59.74	58.19	58.71	59.59	26.2	25	30	29.5	27	25.3	31	24.4	87	95	74	73	84	92	------
23	58.29	58.23	59.06	56.69	57.39	58.81	24.9	24.8	30.8	28.5	27.7	26.2	32.5	24	93	93	69	83	80	86	------
24	57.56	57.63	57.74	56.91	57.39	57.97	24.8	24.6	31.3	28.7	28	26	33.5	23.6	92	92	72	71	74	85	------
25	56.81	56.89	56.86	55.83	56.86	58.04	25.3	24	32	29.6	28.5	26.1	33.2	23.5	89	96	69	66	74	89	------
26	57.23	57.11	57.48	56.02	56.66	58.13	25.7	25.3	31	31.6	27.8	26	33	24.3	90	92	68	62	79	92	------
27	57.97	58.04	58.45	56.72	56.60	58.62	25	24.6	31.3	33	28.8	25.6	33.8	23.8	94	95	68	56	72	83	------
28	58.43	58.51	58.19	56.65	57.84	59.02	25.5	25.3	32.5	28.3	28.8	26.2	35.1	24.2	85	89	65	72	79	92	------
29	58.18	58.11	58.50	56.73	57.28	59.27	25.5	25.5	32.5	31.6	26.5	26.3	33.6	24	92	91	69	68	91	93	16.2
30	58.23	58.21	58.73	56.88	57.22	58.72	25.6	25.3	30	27	27.2	25.4	33.8	24.8	93	93	71	84	80	92	6.4
31	57.78	57.55	58.04	55.97	56.59	58.07	25.2	24.5	30.8	32.5	28.5	26.2	33.8	23.8	88	92	71	55	74	86	------
Mean	58.05	58.20	58.56	56.91	57.39	58.91	25.3	25	30.7	30.3	27.7	26.2	33	24.1	90.7	92.6	71	69.5	80.4	88	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	83.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	ESE	1	WSW	1	Calm	----	Calm	----	7	Ci.-S.NEbyN	Cu.	8	------------	Cu.-N. WSW
2	Calm	----	WNW	0	SE	1	WNW	1	SW	0	WNW	0	3	Ci.	S.-Cu.	8	------------	N. WNW
3	Calm	----	Calm	----	NE	1	NW	1	NNW	0	NW	0	2	Ci.	S.-Cu.	10	------------	N. NW
4	NW	1	WNW	0	W	0	WNW	1	N	0	N	1	3	Ci.-S.	S.-Cu.	6	Ci.-S. E	Cu. WNW
5	NNW	0	WNW	0	ESE	1	SSE	1	Calm	----	WNW	1	8	Ci.-Cu. W	Cu.	3	Ci.	Cu.
6	Calm	----	Calm	----	NW	2	E	1	Calm	----	Calm	----	3	------------	S.-Cu.	7	------------	Cu. NE
7	NW	0	Calm	----	ESE	1	N	2	Calm	----	NNW	2	7	Ci.-S. E	S.-Cu.	8	Ci.	Cu.-N. WNW
8	NW	1	WNW	0	NNW	0	E	1	Calm	----	Calm	----	9	------------	Cu.-N. N	8	Ci.	Cu.-N. N
9	Calm	----	Calm	----	SE	1	ESE	1	ESE	1	WSW	1	7	Ci.-S. SE	S.-Cu.	7	Ci. ENE	Cu. W
10	W	1	Calm	----	SSE	1	SE	1	Calm	----	WNW	0	8	Ci.	S.-Cu.	7	Ci. NE	Cu. SW
11	WNW	1	Calm	----	SEbyS	0	SSE	1	Calm	----	SE	1	8	Ci.	Cu.-N.	9	Ci.	Cu.-N. SW
12	SE	1	Calm	----	ESE	1	NNW	1	Calm	----	WNW	1	8	Ci.-Cu.	Cu.-N. W	8	Ci.	Cu.-N. WSW
13	Calm	----	Calm	----	E	1	E	0	Calm	----	NW	1	8	Ci.-Cu. E	S.-Cu.	8	Ci.-S. E	Cu. W
14	Calm	----	Calm	----	NW	1	WSW	3	Calm	----	NW	1	10	------------	Cu.-N.	8	------------	Cu.-N. W
15	WNW	0	NNW	1	NW	2	W	1	Calm	----	ESE	0	10	------------	N.	4	Ci.-S.	Cu. WSW
16	ESE	1	NW	1	ESE	1	S	1	Calm	----	Calm	----	8	------------	Cu.-N. WSW	4	------------	Cu. SW
17	NE	1	WNW	1	SSE	1	SSE	1	SSE	1	SSE	1	2	------------	Cu.	3	------------	Cu.
18	NW	1	Calm	----	SbyE	1	SbyE	1	SSE	1	SSE	0	7	------------	Cu.-N. S	3	------------	Fr.-Cu.
19	W	1	WbyN	1	SSE	1	SSE	1	SSE	0	NNE	1	5	Ci.-S.	Cu.	7	Ci.-S. NNE	Cu.-N. S
20	Calm	----	Calm	----	SE	2	Calm	----	SSE	1	SE	0	7	Ci.-S.	Cu. SSE	10	------------	Cu.-N. SE
21	SSE	1	SSE	1	SSE	2	SbyE	2	SbyE	2	SSE	2	10	------------	N. SE	8	Ci.-Cu. N	Cu. SE
22	W	1	WNW	1	S	1	SSE	0	SE	1	SSW	1	5	Ci.	Cu.	7	Ci.-S. NNE	Cu.
23	WNW	1	W	1	ESE	1	ESE	1	S	1	S	1	8	------------	Cu.-N.	8	------------	Cu.-N. SE
24	SSW	1	Calm	----	ESE	1	W	3	Calm	----	WNW	1	7	A.-Cu.	S.-Cu.	8	------------	Cu.-N. SSW
25	NW	1	Calm	----	ESE	1	SSE	2	S	0	SSE	0	6	Ci. ENE	S.-Cu.	8	------------	Cu.-N. SSW
26	WNW	1	W	1	SSE	1	S	2	S	1	SE	0	7	Ci.-Cu. E	Cu.	4	------------	Cu. SW
27	W	0	WNW	0	SSE	1	SSE	1	Calm	----	Calm	----	6	Ci.-S. E	Cu.	7	Ci.-S. E	Cu. SWbyS
28	Calm	----	Calm	----	SE	1	W	3	Calm	----	Calm	----	7	Ci.-S.	S.-Cu.	8	------------	Cu.-N. WSW
29	Calm	----	WNW	1	ESE	1	SE	0	Calm	----	WNW	0	7	Ci.-S.	Cu.	9	Ci.	Cu.-N. SW
30	Calm	----	Calm	----	SE	1	WNW	1	WNW	1	Calm	----	9	------------	Cu.-N.	9	------------	Cu.-N. SW
31	Calm	----	Calm	----	E	1	SSE	1	Calm	----	SSW	1	8	Ci.-S.	S.-Cu. ----	8	Ci. E	Cu. WSW
Mean	-------	0.5	-------	0.3	-------	1	-------	1.2	-------	0.3	-------	0.5	6.8	------------	------------	7.1	------------	------------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.82 mm.]

SEPTEMBER, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.71	56.98	57.64	56.16	56.64	58.19	25	25	30.4	31	29.4	26.9	32.6	24	88	96	66	59	75	85	------
2	57.77	57.78	57.79	55.98	56.59	58.09	26.1	25.2	32.5	32.9	29.3	27.6	34.3	24.4	87	92	60	55	76	80	------
3	57.50	57.36	57.47	55.87	56.59	57.95	25.6	25.3	31.3	31.9	28.6	26.2	35.2	24.2	86	87	61	67	80	87	------
4	56.76	57.01	57.78	55.85	55.94	57.83	25.6	24.8	30	30.3	28.6	26.6	32.4	24.2	86	89	69	70	76	83	------
5	56.66	57.06	57.72	56.23	56.54	58.13	25.5	24.7	31.2	29.1	28	26.2	35	23.9	87	91	66	76	83	86	------
6	57.52	56.99	57.86	55.72	56.35	57.60	25.6	24.3	29.8	33.7	28.6	26.2	34	23	87	93	77	56	83	92	9.1
7	57.12	57.18	57.56	56.02	56.49	58.32	25.6	24	31.7	33.2	28.5	27.2	34.4	23.5	92	96	70	59	81	86	------
8	57.93	58.11	58.96	57.31	58.16	59.30	26.2	26	30	30	27	26	31	25	92	94	78	76	83	88	------
9	58.76	59.27	59.44	57.75	58.71	59.81	25.1	24.5	31.2	29.5	25.6	25	32.8	24	93	96	66	75	90	95	30
10	58.89	59.13	59.97	57.68	58.77	60.02	25	23.5	29.5	30.5	26.9	26.4	31.8	23.3	86	96	78	70	80	81	14
11	58.42	58.73	60.24	58.10	59.06	60.19	24.1	24.5	30.7	31.2	26.2	25.3	32.9	22.2	95	96	70	66	89	92	2.3
12	59.98	59.18	59.58	58.56	58.71	60	24.7	24.5	30.5	27.4	25.7	25.6	32.5	24	92	92	72	78	90	90	1.5
13	59.29	59.03	59.48	57.93	58.49	59.71	25.2	24.8	30	26	26.2	25.4	32.5	24.2	92	94	75	88	84	89	2.8
14	58.73	59.09	59.40	57.55	58.39	59.38	24.7	24.5	31.3	28.6	25.8	25	32	24	93	94	70	76	88	92	4.6
15	58.85	58.68	59.41	57.37	57.93	59.09	24.2	23.5	28.1	28.2	25.3	24.4	29.2	23	93	96	81	80	89	95	6.4
16	57.88	58.02	59.13	57.11	58.10	59.57	23.4	23.4	28.4	30.5	28.4	25.6	31.2	22.8	97	97	80	71	75	93	1.8
17	58.86	59.32	60.40	58.54	59.66	61.19	25	24.5	31.3	30.5	27	26	34.2	24.2	93	96	69	64	86	93	.5
18	60.56	60.58	61.41	59.37	59.98	61.21	24.8	24.6	31.2	31.5	28	26.8	33.5	24	96	97	71	66	82	90	------
19	59.80	60.22	60.62	58.86	58.64	60.01	26.3	25.3	27.9	26	26	25.5	31.5	24.4	90	93	83	88	86	89	4.1
20	58.23	58.63	58.60	56.98	58.03	59.02	24.8	24.5	28.5	24.5	24.3	23.5	30.6	23	94	93	80	96	92	96	40.1
21	58.30	58.40	59.16	57.63	58.39	60.32	23.2	23	29.3	29.5	26.6	25.2	32	22.4	96	96	71	73	84	92	9.2
22	59.50	59.68	60.06	58.03	58.58	60.30	24.8	24	30.8	29.6	26.4	25.9	32.4	23.2	91	96	76	74	89	91	------
23	59.17	59.34	59.60	56.83	57.95	58.98	25.1	24.5	31.8	33.2	27.3	26.5	34	23.9	93	96	70	62	87	90	------
24	57.39	57.48	57.53	55.42	56.70	58.02	25.2	24	31.5	31.4	28	26.7	34.2	23.5	94	96	72	66	76	83	------
25	56.59	57.02	57.34	55.03	56.72	57.74	25	24.3	31.9	30.5	25.8	25.3	33.1	23.6	92	93	69	64	92	93	6.6
26	56.81	57.03	57.69	55.61	56.26	57.91	25	24.6	29.5	25.5	26.4	25.4	32.7	24	93	95	76	92	85	88	20.9
27	56.33	56.90	57.59	55.26	56.24	58.28	24.3	24.8	29.8	29.5	26.5	25.2	31.5	23.8	95	93	73	80	88	92	16.6
28	56.59	56.70	56.96	54.91	56.05	57.20	24.5	24	30.3	30.3	27.4	26	31.4	23.2	93	95	70	62	78	86	------
29	56.02	56.56	56.98	55.39	56.39	57.81	25.7	25.5	30.5	31.3	28	26.2	33	24.3	82	80	65	58	74	82	------
30	57.19	58.03	58.59	57.37	58.24	59.74	25.5	24.7	32.5	32.3	28.5	27	33.8	24.2	84	88	60	59	80	87	------
Mean	58	58.18	58.73	56.88	57.64	59.03	25	24.5	30.4	30	27.1	25.9	32.7	23.7	91.1	93.5	71.5	70.9	83.4	88.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	170.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	SSW	1	WSW	2	Calm	----	WSW	0	9	------------	Cu.-N. SW	9	Ci. E	Cu.
2	Calm	----	Calm	----	SSW	1	swbys	1	S	0	Calm	----	8	Ci.-Cu.	Cu. WSW	8	Ci.,Ci.-Cu. ESE	Cu. W
3	SW	1	S	0	W	0	SSE	1	Calm	----	Calm	----	8	A.-Cu. WSW	Cu.	9	Ci.	Cu.-N. WSW
4	SSE	0	Calm	----	SSE	1	SSE	1	Calm	----	Calm	----	9	Ci.-S.	S.-Cu.	9	A.-S. E	Fr.-N.
5	Calm	----	Calm	----	SE	1	E	1	SW	0	Calm	----	8	A.-S.	Fr.-N.	8	------------	Cu.-N. SW
6	Calm	----	Calm	----	ESE	1	ESE	1	Calm	----	ESE	1	9	------------	Cu.-N.	8	Ci. E	Cu.
7	Calm	----	Calm	----	SEbyS	1	SE	1	SSE	1	SSE	0	7	Ci.-S.	Cu.	7	Ci. E	Cu. SSW
8	WNW	1	WNW	1	NW	1	E	1	WNW	1	WNW	0	9	------------	Cu.-N. SSW	9	------------	Cu.-N. SSW
9	Calm	----	Calm	----	E	0	E	1	NW	1	NW	1	8	Ci.-S. E	Cu. SSW	8	Ci.-S.	Cu.-N. S
10	S	1	S	1	ESE	1	SSE	1	SSE	1	SSE	1	10	------------	N. S	8	Ci.-Cu.	Cu. SSW
11	ESE	1	Calm	----	S	2	ESE	1	ESE	1	ESE	0	7	Ci.-S. ESE	S.-Cu.	8	Ci.-S.	Cu. SSW
12	Calm	----	WNW	1	EbyS	1	N	1	Calm	----	NW	1	10	------------	Cu.-N.	10	------------	N. S
13	NNW	1	NW	1	E	0	NE	1	NE	1	NE	1	9	Ci.-S. E	Cu.-N. SW	10	------------	N. SSW
14	WNW	1	WNW	1	ESE	1	ESE	1	Calm	----	Calm	----	8	Ci.-Cu.	Cu. SW	9	------------	Cu.-N. SSW
15	S	1	Calm	----	Calm	----	WNW	0	Calm	----	Calm	----	8	Ci.-S. NE	Cu.-N. W	9	Ci.	Cu.-N. W
16	Calm	----	Calm	----	S	2	S	2	S	0	SE	0	8	Ci.-S.	Cu.-N. S	7	Ci.-S. NNE	Cu. S
17	W	1	W	1	EbyS	1	ESE	2	W	1	W	0	7	Ci.-S. NE	S.-Cu.	7	------------	Cu.-N. SSW
18	WNW	1	WNW	1	ESE	1	SE	1	Calm	----	SE	1	7	Ci.	Cu.	8	Ci.	Cu. S
19	WNW	0	WNW	1	ENE	0	SSE	0	Calm	----	Calm	----	7	Ci.-S. NE	S.-Cu.	10	------------	N. W
20	W	1	W	1	NW	1	W	0	SW	1	Calm	----	9	------------	Cu.-N. N	10	------------	N. WNW
21	S	2	Calm	----	SE	1	SSE	1	SSE	1	SSE	1	10	------------	N.	8	Ci.-Cu.	Cu. NNE
22	SE	1	Calm	----	SEbyE	1	S	1	Calm	----	WNW	0	8	Ci.	Cu.-N.	8	Ci.-S. N	Cu. SbyE
23	NNW	1	NW	1	ESE	1	SE	1	Calm	----	Calm	----	5	Ci.-S. N	S.-Cu.	7	Ci. E	Cu. SW
24	WNW	0	Calm	----	ESE	1	E	0	Calm	----	Calm	----	8	Ci.-Cu.	Cu. SW	7	Ci.	Cu. W
25	NW	1	Calm	----	NE	0	WNW	1	NNW	1	Calm	----	8	Ci. N	S.-Cu.	9	Ci.	Cu.-N. WbyN
26	WNW	0	WNW	1	NW	1	S	1	WNW	1	Calm	----	8	Ci.-cu. SE	Cu. NW	9	------------	N. SW
27	Calm	----	NW	0	SE	0	SSE	0	Calm	----	WNW	3	9	------------	Cu.-N. NW	8	Ci.-S. E	Cu.-N. WNW
28	NW	1	Calm	----	S	1	WSW	2	Calm	----	Calm	----	8	Ci.-Cu.	Cu.-N. WSW	8	A.-Cu.	Cu. W
29	SSW	1	SSW	0	SbyW	2	S	1	S	1	S	0	8	Ci.-S. E	Cu. WSW	8	Ci. E	Cu. WSW
30	Calm	----	Calm	----	SSE	1	S	1	SSE	0	Calm	----	4	------------	S.-Cu.	8	Ci.-S. E	Cu. SW
Mean	------	0.6	------	0.4	------	0.9	------	1	------	0.4	------	0.3	8	------------	------------	8.4	------------	------------

TACLOBAN.

[ϕ=11° 15′ N ; λ=125° 00′ E ; barometer above sea, 5.5 meters ; gravity correction not applied, —1.82 mm.]

OCTOBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.17	59.16	59.96	57.81	58.78	59.51	26.2	25.5	30.3	30.8	28.5	26.7	32	25	90	93	76	70	81	86	1.5
2	58.02	58.98	60.26	58.63	58.10	59.12	25.3	25	24.6	25	24.4	24	27.7	22.5	89	88	94	93	97	96	30.5
3	58.40	58.37	59.18	57.29	58.42	59.37	23.3	24	30	29.4	26.8	25.5	32.6	22.3	96	96	75	79	87	93	------
4	59.03	59.33	60.55	58.75	59.54	61.02	24.8	24	30.5	32	26	25.6	33.8	23.5	92	96	70	63	92	93	2.6
5	59.76	60.46	60.60	58.29	59.45	60.42	25.3	25	31.6	32.7	26.5	26	34	24	95	96	72	66	86	89	------
6	59.26	59.42	59.41	56.77	58.22	59.61	25.3	24.6	30	33	26.5	26	35	24.3	93	97	69	55	86	92	.5
7	58.83	58.67	59.09	57.46	58.49	59.49	25	24.5	28.6	31.4	27.3	26.1	33	24.2	94	96	83	68	90	91	------
8	58.96	59.08	59.39	58.24	58.92	60	25.1	24.8	31.2	31.2	27.7	26.4	33.2	24	93	93	71	71	87	92	------
9	59.31	59.55	60.35	58.35	58.56	60.11	25.6	25	30.6	29	26.9	24.7	32.5	23.9	93	96	74	79	89	95	16.3
10	59.43	59.65	60.06	58.19	59.25	60.19	24.3	24.2	30.6	31.2	26.2	25.4	33.3	23.8	94	95	78	64	90	93	------
11	59.14	59.81	60.82	59.01	59.77	60.69	25.1	24.5	32	28.5	26.5	25.5	33.6	24	93	96	72	77	85	88	------
12	59.65	59.70	60.96	58.94	59.81	60.88	24.2	24	30.4	29	25.4	25.2	34	23.6	95	97	76	75	88	89	1.3
13	59.23	60.01	60.54	57.93	59.20	60.69	24.4	24.2	30.6	32.5	28	25	33.8	23.2	95	95	68	60	77	92	3
14	59.75	60.27	60.92	58.56	59.62	61.31	24	23.6	31.1	31.7	26	26.3	34	23.2	94	95	71	64	92	90	------
15	60.06	60.17	61.23	60.09	60.62	61.40	24.4	25.1	31.3	25.1	24.4	24.2	34.8	23.6	97	95	66	95	95	93	61
16	60.05	60.35	60.54	58.02	59.80	61.36	23.8	24	29	32	26.3	25.8	33.2	23	97	97	74	60	93	93	23.1
17	59.97	60.33	61.29	59.36	59.96	61.41	24.2	24	28.7	28.4	26.2	25.8	32.2	23.3	95	95	78	80	85	88	------
18	60.41	60.77	62.06	60.23	60.60	61.33	25.4	25	27.8	28	25.7	25	31.2	24	92	94	82	81	89	93	4.5
19	60.78	60.81	61.04	59.56	60.04	61.02	24.4	24	29	26.7	25.4	25.1	33	23	95	96	74	82	88	90	24.4
20	59.93	59.91	60.60	58.29	58.96	60.42	24.9	24.7	30.4	33	27.2	25.3	33.8	24	92	94	70	63	86	92	------
21	59.24	59.57	60.86	57.82	58.82	60.22	24.7	24.7	30.3	28.4	27.1	26.2	31.6	24	94	94	66	81	85	90	------
22	59.46	59.68	60.67	58.66	59.61	60.09	25.8	25	31	28.8	25.6	25.5	32.5	24	90	95	72	78	92	92	3
23	59.37	59.57	59.81	57.64	58.95	59.89	24.9	25	27.9	29.5	26.7	26	31	24.3	96	94	82	78	84	86	8.9
24	59.30	59.14	59.78	58.04	58.68	60.26	24.8	24	29.8	27.1	26.4	26.1	33	23.5	90	95	74	87	92	91	2.8
25	59.69	60.43	61	59.15	59.67	60.80	25.4	24.4	25.8	28	26	25.5	30	24	88	96	89	80	87	91	4.1
26	59.68	60.80	60.36	57.96	58.90	59.82	25	24.8	28.5	29.3	26.8	25.4	33	24	93	94	78	79	86	94	1.5
27	58.71	59.09	59.72	57.57	58.48	59.39	25.3	25	28.3	27	26	25	29.4	24.5	92	92	80	86	94	96	29.8
28	58.02	58.63	59.52	57.11	58.12	59.54	24.7	24	25.3	28.8	26.8	25.4	29.5	22.7	93	97	93	81	86	94	8.4
29	57.92	57.93	59.66	57.33	58.39	58.83	24.8	24.5	28	25.7	24.6	24.7	28.8	24.1	95	97	85	85	97	94	19.8
30	57.83	58.08	58.52	55.48	55.27	55.27	24.2	24.5	26.4	27.3	26	26	27.8	24	95	96	90	84	92	92	4.6
31	53.31	53.01	52.98	49.58	46.01	33.24	26.5	27	27	26	25.5	25	27.6	21.5	88	84	84	90	------	------	69.1
Mean	59.09	59.38	60.06	57.94	58.61	59.25	24.9	24.6	29.2	29.2	26.3	25.5	32.1	23.6	93.2	94.6	77	75.9	88.6	91.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	320.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	SE	0	ENE	0	SSW	0	WNW	1	8	Ci.-Cu. E	S.-Cu. SW	8	Ci.-Cu.	Cu. WSW
2	WNW	1	NE	0	Calm	----	WSW	1	Calm	----	Calm	----	10	------	N. WNW	10	------	N. WNW
3	Calm	----	S	0	SE	0	ENE	0	ENE	0	SW	0	8	Ci.-S. E	Cu. W	7	------	Cu.-N. SW
4	Calm	----	Calm	----	E	1	SE	1	NW	0	NW	0	8	Ci.	S.-Cu.	5	Ci.-S.	Cu. SW
5	WNW	0	W	0	SE	1	SE	1	NW	1	NNW	1	6	Ci.-S. E	S.-Cu.	4	Ci.-S. E	Cu.
6	Calm	0	N	1	NNE	1	WNW	0	NNW	1	W	0	2	------	Cu.	3	------	Cu. NNE
7	NW	0	NW	0	ESE	0	NE	0	Calm	----	Calm	----	8	Ci.-S.	Cu.-N. N	7	Ci. W	Cu.
8	WNW	0	NW	0	ESE	1	E	1	NW	1	NE	0	8	Ci.-S. SSE	S.-Cu.	8	Ci.-Cu.	Cu. N
9	Calm	----	WNW	0	ESE	1	NNW	1	Calm	----	Calm	----	8	Ci.-S. SE	S.-Cu.	8	Ci.	Cu.-N.
10	Calm	----	Calm	----	E	1	SSE	1	Calm	----	Calm	----	8	Ci.-S.	Cu.-N.	8	Ci. S	Cu. NNE
11	WSW	0	WNW	0	E	1	E	1	N	1	N	1	7	Ci.-S. SSW	S.-Cu.	8	------	Cu.-N. E
12	WNW	1	WNW	1	ESE	0	SE	2	NW	1	WNW	0	6	Ci.-S.	S.-Cu.	8	------	Cu.-N. E
13	WNW	1	Calm	----	SEbyE	0	SSE	1	N	1	N	1	7	Ci.-S. SW	Cu.	4	Ci.-S. SW	Fr.-Cu. E
14	Calm	----	Calm	----	E	1	SSE	1	Calm	----	WNW	1	6	Ci.-S. SW	Cu. E	8	Ci.-S. WSW	Cu.
15	W	0	WNW	1	E	0	WNW	2	WSW	0	NW	1	6	Ci.-S. SW	S.-Cu.	10	------	N. ESE
16	NNE	1	W	1	NW	0	NW	1	Calm	----	SW	0	6	Ci.-S.	Cu. NNW	9	------	Cu.-N. N
17	Calm	----	Calm	----	NbyW	0	N	1	N	1	NNW	1	8	Ci.-S.	Cu.-N. SEbyE	9	------	Cu.-N. ESE
18	WNW	1	W	1	WNW	1	NNE	2	WNW	1	WNW	1	8	Ci.-S.	Cu.-N. E	10	------	N. NE
19	W	1	WNW	1	WSW	1	S	1	NW	3	NW	1	2	------	S.-Cu.	10	------	N. NE
20	W	1	WNW	1	E	1	ESE	1	ESE	2	Calm	----	5	------	Cu. NE	3	------	Fr.-Cu. ENE
21	NW	1	WNW	1	E	0	W	1	Calm	----	Calm	----	8	Ci.-Cu.	Cu.	9	A.-S.	Fr.-N. ENE
22	Calm	----	WSW	0	SSE	1	S	0	NW	1	WNW	1	4	Ci.-S. SW	S.-Cu.	8	Ci.-S. SW	Cu.-N. E
23	NW	1	WNW	1	NW	1	NW	1	NNE	1	Calm	----	9	------	Cu.-N. ENE	9	Ci.	Cu.-N. ENE
24	NW	1	WNW	1	ESE	0	SW	0	Calm	----	Calm	----	9	------	N.	8	------	Cu.-N. E
25	Calm	----	E	1	SSW	0	E	0	Calm	----	Calm	----	10	------	N. ENE	8	Ci.-Cu. SW	Cu. ENE
26	ESE	1	N	1	NW	1	SSE	2	E	1	NW	1	5	Ci.-S.	Cu. ENE	8	------	Cu.-N. ENE
27	WNW	1	WNW	1	NNW	1	NNW	2	WNW	1	NW	1	8	------	Cu.-N. ENE	9	------	Cu.-N. NEbyE
28	NNW	1	Calm	----	WNW	1	ENE	0	Calm	----	Calm	----	10	------	N. NEbyE	8	Ci. SSW	Cu. ENE
29	WNW	1	WNW	1	NNE	0	NW	1	SSW	0	NNW	2	4	Ci.-S. SW	S.-Cu.	9	------	Cu.-N. ENE
30	NNW	1	N	1	N	2	N	1	W	0	NW	2	8	Ci.-S. SW	Cu.-N. NE	9	------	Cu.-N. NNE
31	NW	6	NW	6	NW	3	W	4	NW	12	NNE	12	10	------	Cu.-N. N	10	------	N. NNW
Mean	------	0.7	------	0.7	------	0.7	------	1	------	0.9	------	0.9	7.1	------	------	7.8	------	------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.82 mm.]

NOVEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	34.34	47	52.83	52.61	55.40	57.73	24.1	23	25.2	24.2	24	24.2	26	22	----	----	----	----	----	----	132.1
2	57.29	57.71	58.91	57.74	58.62	59.59	24.8	25.8	29.6	29.4	27	25.4	30.4	24.5	93	93	74	79	89	92	----
3	58.80	59.62	60.30	57.91	58.52	59.70	24.6	24.5	31	30.1	28	26	33	24	95	96	67	71	80	93	----
4	59.29	59.39	59.90	57.81	59.05	60.10	25	24.2	29	29	26.9	26	32.5	23.7	92	97	76	71	80	85	----
5	59.28	59.43	59.77	57.80	58.79	59.76	24.7	24.5	28.3	29.8	27.8	26.5	31	24	95	96	80	71	82	88	3
6	59.34	59.52	60.26	58.07	58.78	60.11	25.5	25	26.5	27	26.1	25	27.7	24	92	95	88	84	90	92	24.9
7	58.98	59.34	60.37	58.32	59.08	59.80	24.3	24.5	27	26.2	26	25.2	32.5	24	96	97	91	90	87	92	4.1
8	59.13	59.19	59.74	58.11	58.87	59.69	24.7	24.4	29	28	25.5	25.3	31.5	23.8	94	95	75	82	88	89	----
9	58.54	59.22	59.62	56.78	58.88	58.69	24.9	24.8	28.7	31.2	24.2	24.3	32.3	23.8	92	93	75	64	97	95	31.2
10	57.02	57.70	58.17	56.77	56.80	58.27	24	24	28	24	23.8	24	28.9	23.5	97	97	81	90	88	90	34.1
11	57.47	57.95	58.69	56.26	57.01	58.32	23.8	24.2	25.3	26.8	26	24.8	27.3	23.2	96	96	89	83	89	94	3
12	57.28	57.57	57.67	55.41	56.40	57.34	24.2	23.8	26.8	30.4	26.2	26.2	31.5	23.5	95	97	88	64	82	82	----
13	55.67	56.09	56.93	55.18	56.03	56.99	26	25.3	25.3	26.8	26.2	25.4	28.8	24	85	92	91	90	90	88	.8
14	56.70	57.63	58.41	56.09	56.41	58.07	24.2	25	26.8	29.2	27	25	30.8	23.2	88	82	84	76	84	94	2
15	57.31	57.63	58.50	56.09	57.06	58.11	25.3	25.4	30.8	30.8	28.5	26.3	32	24.5	95	96	69	69	78	91	----
16	57.07	57.63	58.49	56.72	57.03	58.55	26.2	25.7	27.4	25.1	24.5	24.4	29.4	24.2	85	93	84	88	93	93	7
17	58.28	58.51	59.11	57.23	58.46	59.54	23.3	23	29.6	30.4	26.6	25.8	31	22.4	95	93	72	63	77	82	----
18	59.11	59.86	59.76	57.89	58.67	59.66	24.8	24.5	30.6	26.3	25.3	25	33.4	24	92	96	64	90	96	93	2
19	58.33	58.45	59.55	57.62	58.73	58.87	24.5	24.4	25.5	24.6	24.6	24.3	29.5	23.5	93	94	93	93	92	93	13.7
20	57.93	58.10	57.91	55.97	57.12	58.22	24.3	23.4	28.5	26.7	25	25	30.3	22.6	88	95	77	91	95	95	28.9
21	56.77	56.99	57.02	55.22	56.56	57.21	25	24.6	29	28	25.4	25	31	24	96	95	80	83	91	92	9.4
22	56.07	56.82	57.45	55.84	57.41	58.47	24.3	24.6	29	30	27.3	26.2	31	23.7	97	95	79	73	82	90	.8
23	58.09	58.77	60.05	57.15	58.10	59.32	25.2	26	29.2	31.8	28	26.5	32.3	24.5	97	92	76	62	81	90	----
24	58.87	59.22	59.46	58.22	59.14	59.34	24.7	24.7	30	26	25.7	25.3	30.4	24	96	95	74	95	95	93	17.8
25	58.04	58.85	59.26	57.13	58.36	58.88	24.7	25	28.8	29.9	26.8	25.7	31.5	24.2	94	94	79	64	80	86	.5
26	58.04	58.89	59.60	57.39	58.08	59.21	24.7	24.5	29.4	31.1	25.6	24.7	31.8	24	92	92	77	65	87	92	14.3
27	58.63	58.92	59.90	57.65	58.20	59.13	24.3	24	25.6	27.5	24.9	24	29.8	22	93	93	91	84	88	95	24.6
28	57.53	57.95	58.94	57.55	57.63	58.22	24.2	24	26.6	24.2	24.8	24.8	27.2	23.3	94	95	85	87	93	93	5.5
29	57.29	58.03	59.85	57.40	58.02	59.31	24.7	24.4	29.6	28	25.8	25.3	30.6	24	94	95	72	79	92	94	.5
30	58.74	58.84	60.02	57.56	58.99	59.39	25	24.5	27.4	30	27.5	26.2	30.8	23.6	93	96	84	69	81	90	3.3
Mean	57.17	58.03	58.88	56.92	57.87	58.85	24.7	24.5	28.1	28.1	26	25.3	30.5	23.7	93.2	94.3	79.8	78.3	87.1	90.9	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	363.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m,		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	E	12	ESE	8	SE	6	SSE	5	S	2	SSE	6	10	----	N. SE	10	----	N. SSE
2	S	1	S	1	ESE	1	ESE	1	Calm	----	Calm	----	8	Ci.-S. NE	Cu.-N. S	8	Ci. NE	Cu. S
3	WNW	0	Calm	----	S	0	ESE	1	S	1	WNW	0	6	Ci.-S. NE	Cu.	7	Ci.-S.	Cu. E
4	Calm	----	Calm	----	NE	0	ENE	1	NNE	1	NW	1	3	----	S.-Cu.	8	----	Cu.-N. E
5	WNW	1	NE	1	NNW	1	S	1	Calm	----	NW	1	10	----	N. ENE	6	Ci.-S. W	Cu. E
6	NW	1	NNW	1	NNW	1	Calm	----	N	1	Calm	----	10	----	N.	10	----	Cu.-N. E
7	NW	1	NNW	1	NW	0	SSW	1	E	1	Calm	----	7	Ci.-S.	Cu.	9	----	Cu.-N. ENE
8	NW	1	NW	0	NE	0	S	0	Calm	----	NW	0	7	Ci.-S. SSW	S.-Cu.	9	----	Cu.-N. ENE
9	WNW	1	WNW	1	W	0	N	2	NE	0	NE	0	8	----	Cu.-N.	7	Ci.-S. SW	Cu. ENE
10	N	1	WNW	1	NNW	1	NW	1	WNW	1	WNW	1	9	----	Cu.-N. NE	10	----	N.
11	NW	1	NNW	1	N	1	NNW	1	N	0	Calm	----	10	----	N. NNW	10	----	Cu.-N. NWE
12	WNW	1	WNW	0	NW	0	NW	2	Calm	----	WNW	1	10	----	Cu.-N.	7	Ci.-S. S	Cu. NWbyW
13	NW	1	Calm	----	N	0	SSW	0	Calm	----	SSE	1	10	----	Cu.-N. WNW	10	----	N. SW
14	SSW	1	SbyE	2	S	1	SSE	1	Calm	----	Calm	----	9	----	Cu.-N. S	8	Ci.-Cu.	Cu. S
15	WNW	0	NW	1	S	0	SSE	1	ESE	1	NW	0	7	Ci.-S. SW	Cu.	7	----	Cu. E
16	WNW	1	NW	1	NW	1	E	1	WNW	1	Calm	----	9	----	Cu.-N. NE	10	----	N. NEbyN
17	Calm	----	Calm	----	ESE	1	ESE	1	E	0	Calm	----	7	Ci.-S. SW	S.-Cu.	6	Ci.-S. SW	Cu.
18	Calm	----	WNW	1	SSE	0	E	1	NW	1	NW	1	4	Ci.	S.-Cu.	10	----	N. ESE
19	NNW	1	NW	1	NW	1	NE	2	NW	1	NW	1	8	Ci.-S. SW	S.-Cu.	10	----	N.
20	NW	1	WNW	0	NNE	1	WSW	0	NW	0	NW	1	8	Ci.-S.	Cu. NEbyN	7	----	Cu.-N. NNE
21	NW	0	WNW	0	NW	1	WNW	3	N	1	Calm	----	7	Ci.-S. S	Cu.-N. N	9	----	N. N
22	Calm	----	WSW	1	S	1	S	2	SW	1	SSW	1	10	----	N. SW	7	Ci.-Cu. N	Cu. S
23	SE	1	SSE	1	SSE	1	SE	0	S	2	ESE	1	9	----	Cu.-N. SSE	4	Ci.-S. N	Cu.
24	NW	1	NW	1	NW	0	NW	1	Calm	----	NNW	1	7	Ci.-S.NWbyW	Cu. SE	8	----	Cu.-N.
25	NW	2	WNW	1	SE	1	ESE	2	Calm	----	NE	0	9	----	Cu.-N. SE	8	Ci.	Cu. SE
26	NW	1	WNW	1	NE	0	SSE	1	Calm	----	Calm	----	9	----	Cu.-N. ENE	8	Ci. WSW	Cu. E
27	NE	1	W	1	W	1	ENE	1	NW	1	NW	1	10	----	Cu.-N. E	10	----	Cu.-N. E
28	WNW	1	NW	0	NW	0	SE	1	SE	0	Calm	----	10	Ci.	Cu.-N. E	10	----	N. E
29	WNW	1	WNW	1	SE	0	SE	1	Calm	----	SE	0	9	----	Cu.-N. E	9	Ci.	Cu.-N. E
30	NW	1	WNW	1	NE	1	SE	0	ESE	1	SW	0	8	Ci.	Cu.-N. E	8	Ci.-Cu.	Cu. ENE
Mean	----	1.2	----	1	----	0.7	----	1.2	----	0.6	----	0.6	8.3	----	----	8.3	----	----

TACLOBAN.

[ϕ=11° 15′ N ; λ=125° 00′ E ; barometer above sea, 5.5 meters ; gravity correction not applied, —1.82 mm.]

DECEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.04	59.33	59.49	57.41	58.59	59.17	24.4	24.8	27.9	30.6	27	25.5	31.5	24.2	97	95	82	67	77	88	------
2	58.44	58.49	58.41	56.29	58.23	58.48	25.2	25.1	29.8	29.5	23.7	23.8	31.5	22.5	90	91	71	64	90	89	69.4
3	56.85	56.84	57.61	56.82	57.79	58.47	24	24.4	26.8	25.4	25.5	26	27.5	22.8	87	91	85	88	88	85	42.3
4	58.47	59.85	60.11	58.86	60.04	60.99	26	25	26.5	28	26.2	25.3	28.5	23.5	87	95	88	82	90	89	5.3
5	61.02	61.16	61.83	59.28	60.23	60.95	24.3	24	30.6	31	27	25	32.5	23.4	94	96	70	65	78	92	2.8
6	60.51	60.98	61.60	59.66	60.29	60.21	24.5	24.2	28.7	26.8	25.3	24.4	29.8	24	94	92	81	82	88	95	8.2
7	59.20	59.33	59.92	57.68	58.81	59.40	24.2	24.8	25.4	26.6	25.3	24.2	29.2	22.9	97	92	94	87	93	91	10.6
8	59.01	59.56	59.60	57.73	59.08	59.43	23.2	22.9	28	26.9	24.8	24.4	30.3	22.4	96	96	77	85	94	95	3.8
9	58.78	58.90	59.11	57.28	58.07	58.91	23.5	23.8	28.3	26.9	25	25.3	31.1	22.8	96	97	77	92	92	96	21.4
10	58.63	58.92	59.54	58.25	59.29	59.97	24.5	24	30	28	25	24.5	32	23.6	95	97	75	85	93	96	10.6
11	58.79	59.12	60.21	58.52	59.30	60.06	24	24	29	26	25	23.7	29.5	23.5	96	97	80	84	93	97	4.3
12	58.60	58.82	59.71	58.34	59	59.81	24.2	24	29.7	25.3	24.2	24.8	30.3	23.3	93	95	77	89	94	92	17.1
13	58.54	58.57	59.45	57.67	58.18	59.61	24.2	24	27.8	26.6	25.4	25.2	29.5	23.3	95	96	82	90	91	90	8.1
14	57.83	58.15	59.31	56.98	58.23	59.13	24.3	24.3	28	30.3	25.5	25.3	31.5	23.8	94	93	70	68	91	92	6.6
15	58.17	58.68	59.70	57.81	58.78	59.97	24.7	24.4	27.4	25.8	25	25	30	24	96	97	85	92	95	94	5.4
16	59.29	59.49	60.29	57.91	58.91	59.87	24.7	24.2	26.3	28.6	25.4	24.8	29.2	23.7	94	97	89	78	90	94	1.8
17	59.02	59.66	60.61	58.21	58.72	60.03	24.3	24	25	26	25.5	25.2	28.7	23.6	97	97	94	87	92	92	15.8
18	59.61	60.38	61.55	59.36	60.12	61.30	24.3	24	26.2	26.5	25.7	25.2	29	23.6	94	96	83	83	88	90	.5
19	60.36	60.28	61.20	58.67	60.23	60.92	24.6	24.4	26.2	27	25.3	25	29.8	24	90	91	89	84	84	88	2.3
20	60.07	60.18	61.17	58.73	60.16	58.53	24.2	23.7	25.6	26.3	25.3	25.2	26.7	23.4	90	90	83	80	81	80	------
21	57.93	58.10	58.56	56.36	57.33	58.03	24.8	25	26.5	26.3	24.4	24.7	28.5	23.3	79	78	84	88	90	92	13.5
22	56.65	56.73	57.34	55.16	56.63	57.23	24.2	24	26.5	26.2	23.5	23.7	29	23	94	96	88	92	93	94	65
23	56.45	57.20	57.71	55.59	56.83	58.21	23.3	24.4	28	29.3	26.4	25.4	31.5	23	97	97	83	75	90	95	17.9
24	57.82	58.43	59.65	57.31	58.96	60.30	25.3	24.9	30.6	29.4	27	25.2	31.4	24.6	94	98	76	75	86	96	------
25	59.29	60.45	61.49	58.99	59.70	60.30	24.9	24.7	29.6	29.2	26.7	25.6	30.7	24.2	97	97	74	76	88	88	------
26	59.60	60.67	61.13	58.94	60.31	61.31	24.6	24.2	29.8	30.3	26.5	25.2	31.4	23.7	95	96	71	74	90	96	1.8
27	60.42	60.98	61.91	59.74	61.05	62.31	24.3	24.4	27.5	30.6	26.7	25.2	31	23.8	97	97	85	71	84	92	2.1
28	61.16	61.48	62.14	60.28	61.64	62.75	24.2	24	30	30.7	27.8	25.2	32	23.6	96	97	71	69	73	90	4.1
29	61.80	61.67	62.21	59.79	59.89	60.81	24.2	24.5	27.5	26	26.7	24.2	28.5	23.5	90	90	76	84	77	95	50.8
30	60.43	60.62	61.76	59.97	60.62	60.88	24	24	23.9	25.3	24.8	23	26.5	22.8	95	96	92	88	83	95	24.2
31	60.25	60.40	61.05	59.22	60.56	61.40	24.1	23.5	26	28	26.3	25	30.5	22.6	89	91	84	85	82	88	------
Mean	59.10	59.47	60.17	58.15	59.21	59.96	24.4	24.2	27.7	27.7	25.6	24.8	30	23.4	93.4	94.3	81.2	80.9	87.7	91.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	415.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	WNW	1	NW	1	NW	1	SE	0	ESE	0	Calm	----	10	------------	Cu. E	8	Ci. SW	Cu. E
2	WNW	0	NW	1	E	2	NE	3	ESE	2	N	1	8	Ci.-S. WNW	Cu. ENE	8	Ci.	Cu. NE
3	E	1	EbyN	1	E	2	EbyS	2	ESE	1	ESE	2	10	------------	N. E	10	------------	N. ESE
4	Calm	----	Calm	----	SE	2	SSE	1	SSE	1	Calm	----	10	------------	N. ESE	8	------------	Cu.-N. ESE
5	Calm	----	Calm	----	SE	0	ESE	1	ESE	1	NW	1	2	------------	Cu.	5	------------	Fr.-Cu. E
6	NW	1	WNW	1	NW	0	SSE	1	Calm	----	NW	0	8	------------	Cu.-N. ENE	10	------------	N. E
7	NW	1	NNW	1	E	1	SSE	1	Calm	----	NW	1	10	------------	Cu.-N. E	10	------------	N. E
8	WNW	1	WNW	1	NW	1	NW	1	NW	1	NNW	1	3	------------	S.-Cu.	7	------------	Cu.-N. NE
9	NNW	1	NW	1	NNW	1	NW	2	Calm	----	Calm	----	3	Ci.	Cu. E	9	------------	N. ENE
10	NW	1	NWbyW	1	SSE	0	E	0	WNW	1	NW	1	6	Ci.-S.	S.-Cu.	8	------------	Cu.-N. ENE
11	NW	1	WNW	1	ENE	1	ENE	1	N	1	N	1	6	Ci.-S. SW	S.-Cu.	10	------------	N. NE
12	NW	1	WNW	0	ESE	1	E	1	ENE	1	NW	1	7	Ci.-S. SSW	S.-Cu.	10	------------	N. ENE
13	NW	1	Calm	----	SSW	1	Calm	----	Calm	----	Calm	----	8	------------	Cu.-N. ENE	9	------------	N. ENE
14	W	0	WNW	1	WNW	0	SSE	1	Calm	----	Calm	----	8	Ci.-S. SSW	Cu.-N. ENE	8	Ci.-S. SSW	Cu. ENE
15	W	0	WNW	1	NNW	0	S	0	Calm	----	Calm	----	10	------------	N. NE	10	------------	N. NEbyE
16	NNW	0	NW	1	NNW	1	W	1	Calm	----	Calm	----	8	------------	N.-cf. ENE	8	Ci.-S. SSW	Cu. NE
17	WNW	0	WNW	1	E	2	NW	1	NNW	1	NNW	1	9	------------	Cu.-N. NE	10	------------	N. NE
18	NW	1	NNW	0	N	1	N	2	N	1	NNW	1	10	------------	N. NEbyE	8	------------	Cu.-N. ENE
19	N	1	NW	1	N	0	N	0	NE	1	WNW	1	8	Ci.-Cu.	Cu.-N. NE	8	------------	Cu.-N. NE
20	NW	1	NW	1	NNW	1	NNW	1	N	1	NW	4	10	------------	Cu.-N. NE	10	------------	Cu.-N. NE
21	NW	3	NW	2	NNW	3	WNW	2	NW	1	NW	0	9	Ci.-Cu.	N.-cf. ENE	10	------------	N. N
22	NW	1	NW	1	WNW	2	W	1	WNW	2	Calm	----	9	------------	Cu.-N. NNW	10	------------	N. NW
23	Calm	----	NW	1	NNW	0	S	1	S	0	Calm	----	8	Ci.-S. SW	Cu.	9	------------	Cu.-N. ENE
24	Calm	----	Calm	----	ESE	1	SSE	2	E	1	N	1	8	------------	Cu.-N. E	8	Ci.	Cu. E
25	NW	1	WNW	1	SW	0	S	2	Calm	----	Calm	----	8	Ci. SWbyS	S.-Cu.	7	Ci. SW	Cu. ESE
26	W	0	W	1	ESE	0	S	3	Calm	----	S	1	5	Ci.-S.	S.-Cu.	8	------------	Cu. ESE
27	NW	1	NW	1	S	0	SE	0	SE	1	SE	1	4	Ci.-S.	S.-Cu.	7	------------	Cu. ENE
28	NW	0	NW	0	N	0	S	1	ENE	1	N	2	5	Ci.-S. SSW	S.-Cu.	7	------------	Cu. E
29	N	1	NNW	1	N	1	E	2	ENE	1	N	1	8	------------	Cu.-N. E	10	------------	N. ENE
30	N	1	NNE	2	N	2	N	2	NE	1	ENE	1	10	------------	N. NNE	10	------------	N. NNE
31	N	1	N	0	NW	0	ENE	0	NE	1	N	1	9	------------	Cu.-N. E	8	Ci.-Cu.	Cu.-N. E
Mean	------	0.7	------	0.8	------	0.9	------	1.2	------	0.7	------	0.8	7.6	------------	------------	8.6	------------	------------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6 meters; gravity correction not applied, —1.81 mm.]

JANUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	------	------	------	------	------	------	25	24	26.6	28.6	26.7	25.9	------	------	97	96	86	83	91	91	------
2	------	------	------	------	------	------	25.7	25.6	27.4	28.5	26.1	26	------	------	91	89	85	83	90	90	9.7
3	------	------	------	------	------	------	25.3	24.8	27	27.6	26.6	26.5	------	------	91	92	83	84	86	86	------
4	------	------	------	------	------	------	25.6	25.1	28.2	29	26.6	25.6	------	------	91	94	82	81	86	91	------
5	------	------	------	------	------	------	25.5	25.4	27.6	29.3	26.6	26.1	------	------	91	92	84	79	87	89	------
6	------	------	------	------	------	------	25.7	25.5	27.5	29	27.5	27.1	------	------	89	89	84	81	87	87	4.3
7	------	------	------	------	------	------	25.7	25.5	26	29.3	26.3	25.8	------	------	88	88	85	73	88	88	------
8	------	------	------	------	------	------	24.8	24	26.6	25.8	25.4	25.5	------	------	92	96	83	92	92	90	------
9	------	------	------	------	------	------	25.7	25.8	27	27.3	25.8	25.8	------	------	89	88	88	87	92	92	14.2
10	------	------	------	------	------	------	25.4	25.1	27	26.7	25.4	25.6	------	------	93	91	84	86	88	88	------
11	------	------	------	------	------	------	25	24.8	27.5	27.2	26.3	25.7	------	------	92	93	82	90	91	91	2
12	------	------	------	------	------	------	25.2	24.8	27	27.6	27	26.3	------	------	92	93	86	84	88	88	------
13	------	------	------	------	------	------	24.8	24.5	27.1	27.2	26.3	24.8	------	------	91	92	83	85	90	90	------
14	------	------	------	------	------	------	24.3	23.1	27	27	25.8	26	------	------	91	97	83	84	89	89	------
15	------	------	------	------	------	------	24.7	25	26.5	27.9	26.5	25.8	------	------	91	89	84	78	90	90	------
16	------	------	------	------	------	------	24.7	24.5	26.8	26.4	25.8	25.4	------	------	90	92	83	89	89	92	------
17	------	------	------	------	------	------	25.4	25.1	26.8	27.5	25.8	25.7	------	------	88	88	86	85	92	93	------
18	------	------	------	------	------	------	25.5	25.2	26.8	27	25.8	25.2	------	------	93	92	86	86	87	88	15.5
19	------	------	------	------	------	------	24.4	24.6	25.5	26.2	24.7	23.8	------	------	91	88	88	89	94	98	16
20	------	------	------	------	------	------	23.8	24.2	25.2	27.9	25.2	24.2	------	------	98	98	93	77	97	97	1.3
21	------	------	------	------	------	------	24.4	24.5	27.5	28.4	26	25.2	------	------	95	96	85	76	91	92	------
22	------	------	------	------	------	------	24.4	24	27	27.2	25.7	25.2	------	------	95	97	78	87	88	88	------
23	------	------	------	------	------	------	24.5	24.4	27	27.5	25.8	25.7	------	------	90	90	88	88	91	91	------
24	------	------	------	------	------	------	24.7	24.5	27	27.7	25.6	25.4	------	------	96	96	83	84	88	88	------
25	------	------	------	------	------	------	25.2	25	27	26.4	26	25.5	------	------	90	92	84	87	87	89	------
26	------	------	------	------	------	------	25.3	25	26.3	27.2	24.5	24	------	------	89	90	91	92	97	97	4.3
27	------	------	------	------	------	------	23.4	23.5	24.8	24.8	24.7	24.6	------	------	96	94	89	89	88	87	------
28	------	------	------	------	------	------	24.4	24.6	26	26	25.5	25	------	------	88	87	86	89	92	92	------
29	------	------	------	------	------	------	24.7	24.1	26.5	27.3	25.8	24.9	------	------	97	92	87	78	86	88	------
30	------	------	------	------	------	------	24.6	24.5	25.9	24.5	24.5	24.4	------	------	88	87	85	97	97	97	11.9
31	------	------	------	------	------	------	24.4	24.3	25.5	26	24.9	24.6	------	------	96	96	92	92	94	94	------
Mean	------	------	------	------	------	------	24.9	24.7	26.7	27.3	25.8	25.4	------	------	91.9	92.1	85.4	85	90.1	90.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	79.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	NE	1	NE	1	Calm	----	Calm	----	8	Ci.-S.	Cu.-N.	4	Ci.	Cu. E
2	Calm	----	NE	1	SE	1	NE	1	NE	2	NE	2	4	Ci.	Cu. NE	6	Ci.	Cu. NE
3	NE	2	NE	1	NE	1	NE	1	NE	0	NE	2	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. NE
4	Calm	----	Calm	----	E	1	NE	1	NE	1	NE	2	6	Ci.	S.-Cu.	3	Ci.-S.	Cu. E
5	NE	1	NE	2	NE	1	NE	1	NE	1	NE	0	8	Ci.-S.	N. NE	6	Ci.-S.	Cu.-N. NE
6	NE	1	NNE	1	NE	1	ENE	1	NE	1	NE	1	6	Ci.	S.-Cu. NE	4	Ci.-S.	Cu. E
7	NNE	1	NE	2	NE	1	NE	1	NE	1	NE	1	10	----------	N.	5	Ci.	Cu. NE
8	Calm	----	Calm	----	NE	1	NE	1	NE	1	NE	1	4	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. E
9	NE	1	NE	1	NE	1	E	1	Calm	----	Calm	----	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. NE
10	Calm	----	Calm	----	NE	1	NE	1	NE	1	NE	2	6	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
11	NNE	1	NE	1	NE	1	NE	1	N	1	NE	1	8	Ci.-S.	N.	7	Ci.-S.	Cu.-N. E
12	ENE	1	Calm	----	NE	1	NE	1	NE	1	NE	1	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. E
13	ENE	1	ENE	1	NE	1	NE	1	Calm	----	Calm	----	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. E
14	Calm	----	Calm	----	NNE	1	N	1	N	1	N	1	1	----------	S.	8	Ci.-S.	Cu.-N. E
15	NE	2	NE	2	NE	1	NE	1	Calm	----	NE	2	8	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N. E
16	NE	2	NE	1	NE	1	NE	1	NE	1	NE	2	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. E
17	NNE	3	NE	3	NE	1	NE	1	NNE	1	NNE	3	6	Ci.-S.	N.	8	Ci.-S.	Cu.-N. E
18	N	2	NNE	3	NNE	2	N	2	NE	1	NE	2	8	Ci.-S.	Cu.-N. N	10	Ci.-S.	Cu.-N. NE
19	NNE	3	NE	3	N	3	NE	2	NE	1	NE	2	10	----------	N.	7	Ci.-S.	Cu.-N. N
20	NE	3	NE	2	ENE	1	N	1	NNE	1	NE	0	10	----------	N.	6	Ci.-Cu.	Cu.-N. E
21	Calm	----	Calm	----	SE	1	NE	1	Calm	----	Calm	----	8	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. E
22	Calm	----	Calm	----	NE	1	N	1	NE	1	NE	1	7	Ci.-S.	Cu.-N.	6	Ci.	Cu.-N. E
23	NE	1	NE	1	NE	1	NW	1	NE	1	NE	1	4	Ci.-S.	S.-Cu.	6	Ci.-Cu.	Cu. E
24	ENE	1	NE	1	NE	1	N	1	NNE	1	NE	2	5	Ci.	S.-Cu.	4	Ci.	Cu. E
25	NNE	1	NNE	2	NE	1	N	1	NE	1	ENE	2	6	Ci.	S.-Cu.	7	Ci.	Cu.-N. NE
26	NE	3	NE	2	NE	2	NE	2	ENE	1	NE	1	6	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. NE
27	ENE	3	NNE	2	NE	2	NNE	2	NE	2	NE	3	8	Ci.-S.	Cu.-N.	10	----------	N.
28	NNE	2	N	2	NNE	2	N	2	NE	2	NE	2	6	Ci.-S.	Cu.-N. NE	7	Ci.-S.	Cu.-N. NE
29	NE	2	NE	2	N	2	NE	1	NNW	1	NE	2	6	Ci.-S.	S.	4	Ci.-Cu.	Cu. E
30	ENE	2	N	1	N	2	NNW	2	N	2	N	2	6	Ci.-S.	S.-Cu.	10	----------	N.
31	N	3	NE	3	N	2	NNE	·2	NNE	2	NNE	2	10	----------	Cu.-N.	6	Ci.-S.	Cu.-N. E
Mean	-------	1.4	-------	1.3	-------	1.3	-------	1.2	-------	1	-------	1.4	7	----------	----------	6.9	----------	----------

CAPIZ.

[ϕ=11° 35′ N ; λ=122° 45′ E; barometer above sea, 6 meters; gravity correction not applied, −1.81 mm.]

JULY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.[1]
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1																					
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11	58.67	59.05	59.20	57.43	58.20	59.99	25.5	24.8	31	30.8	25.8	25.5	31.9	24.7	87	89	62	70	75	84	
12	58.26	59.19	59.09	57.01	57.17	58.79	25	24.5	27	30.1	28.7	27	30.7	24.2	88	92	78	68	73	81	
13	57.89	57.74	57.25	56	55.97	57.93	24.8	24.5	28.5	30.5	29.6	26.7	31.2	24.1	85	90	72	66	67	82	
14	56.16	56.19	56.09	54.64	55.18	57.28	25	24.8	30.8	31.1	26.1	26.3	32	24.2	86	90	62	68	88	87	
15	56.87	57.05	57.31	55.70	56.68	57.57	25.6	25	28.1	30.7	26	26.6	31.8	24.3	84	88	75	62	73	84	
16	56.69	57.14	57.81	55.70	56.51	58.28	25.5	25.2	30.4	32	29.8	27	32.9	24.8	84	86	66	59	66	77	
17	57.52	58.24	59.05	57.95	57.60	59.02	25.4	24.2	30.2	30.6	29.5	27.8	32	23.8	84	90	72	68	70	82	
18	58.50	58.52	59.79	58.18	57.32	58.34	26.2	25.2	29.4	31.1	29.2	25.4	31.5	24.3	86	90	76	72	75	84	
19	57.07	57.63	58.27	56.83	56.99	58.19	26.1	25.4	29.7	31.1	27.3	27.1	31.5	24.2	88	90	74	67	79	80	
20	57.04	57.43	58.66	56.77	57.40	59.43	26.6	25.2	28	30	27.7	27.4	30.5	24.2	85	90	84	75	88	86	
21	59.03	59.72	59.91	58.75	59	60.71	27	26	30.1	30.5	29.4	27.4	31.2	24	86	92	74	70	76	85	
22	58.83	58.78	59.56	57.87	58.51	59.18	27.5	27.4	30.8	31.5	29.5	28.1	31.9	25.6	85	84	69	69	78	84	
23	58.08	57.27	58.14	56.50	56.62	57.06	27.2	26.5	29.4	30.5	29.1	28	30.8	24.2	88	90	79	72	81	86	
24	57.01	56.93	57.17	55.76	55.74	57.07	27.2	25.5	28.7	30.3	29.1	27.4	30.6	24.1	87	93	80	73	78	86	
25	56.90	56.25	57.11	55.85	56.44	57.91	24.9	24.5	29.2	30.5	29	27.2	31.2	24	89	92	80	70	78	87	
26	57.27	57.19	57.96	56.85	57.74	58.28	25.7	24.7	29.4	30.5	28.9	27.2	31.4	24.2	89	90	74	69	78	87	
27	57.73	58.64	58.95	56.99	57.24	58.08	25.2	24.5	29.7	30.8	29	27.1	31.5	24.2	90	89	70	65	71	83	
28	57.58	57.73	57.96	56.79	56.72	57.93	25.7	25.2	30.1	30.7	28.3	27	32	24.1	88	92	69	72	80	86	
29	57.30	57.08	57.47	55.75	56.10	57.72	25.5	25.9	31.2	31.6	28.6	27	32.2	24.7	88	88	66	66	80	81	
30	57.47	57.22	57.36	56.98	57.16	58.99	25.7	25.5	30.4	30.4	27.2	26.2	32	24.9	85	87	70	76	86	86	
31	58.05	58.96	59.91	57.58	58.28	59.80	24.9	24.2	29.7	30.9	27	26.2	31.5	23.7	90	92	74	70	80	87	
Mean	57.62	57.81	58.29	56.75	57.07	58.45	25.8	25.2	29.6	30.8	28.3	26.9	31.5	24.3	86.8	89.7	72.7	68.9	77.1	84	
Total																					

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11	Calm		NE	1	NE	1	NE	2	SE	2	Calm		7	Ci.	S.-Cu.	9	Ci.-S.	Cu. S
12	Calm		Calm		SE	1	SE	1	W	1	SE	1	10	A.-S.	N.	10	A.-S.	Cu. S
13	Calm		Calm		NE	1	NW	1	NW	1	Calm		10	A.-S.	N.	9	A.-S.	Cu. SW
14	Calm		S	1	SW	1	NW	2	SE	1	Calm		8	Ci.-S.	S.-Cu. S	8	Ci.-S.	Cu.-N. SW
15	Calm		SW	1	SE	1	SE	1	SE	2	SW	1	10	A.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SW
16	SE	1	SE	1	SW	1	SE	2	SE	1	SE	1	8	Ci.-Cu.	S.-Cu. SW	9	Ci.-S.	Cu.-N. SW
17	Calm		SW	1	SW	1	NE	1	NE	1	Calm		10	A.-S.	S.-Cu. SW	10	A.-S.	Cu.-N. SW
18	Calm		SE	1	NE	1	NE	2	Calm		Calm		10	A.-S.	S.	8	Ci.-S.	Cu. E
19	Calm		E	1	E	2	NW	2	NW	1	E	1	6	Ci.	Cu.-N. E	5	Ci.-S.	Cu. E
20	Calm		NE	1	SE	1	NE	1	NE	1	Calm		9	Ci.-S.	N. NE	7	Ci.-S.	Cu. NE
21	Calm		SSE	1	NE	2	NE	1	NW	1	Calm		8	Ci.	Cu. E	3	Ci.	Cu. NE
22	NE	3	NE	2	NE	2	NE	2	NE	1	Calm		10	Ci.-S.	Fr.-N. NE	7	Ci.	Cu. NE
23	Calm		NE	1	NE	1	NNE	2	NNW	1	Calm		8	Ci.-S.	Cu.-N. NE	7	Ci.-S.	Cu. NE
24	Calm		NE	1	NE	2	NW	1	NW	1	Calm		10		N. NE	8	Ci.	Cu.
25	Calm		SE	1	NE	1	NNW	2	NW	1	Calm		8	Ci.-S.	Cu.	3	Ci.	S.-Cu. NE
26	NNW	1	SE	1	NE	1	NE	1	NW	1	Calm		8	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu. N
27	NE	1	NE	1	NE	1	NW	2	NE	1	Calm		8	Ci.	S.-Cu.	7	Ci.	Cu. SE
28	Calm		NW	1	NW	1	NE	2	NW	1	NE	1	7	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. NE
29	NE	1	SW	2	SW	1	NW	2	SE	1	Calm		9	Ci.-Cu.	S.-Cu. SW	7	Ci.	Cu.-N. SW
30	SW	1	SW	2	SSW	2	WSW	2	SE	1	ESE	1	7	Ci.	S.-Cu. SW	8	Ci.-S.	N.-cf. SW
31	SE	1	SSE	1	SW	1	NE	2	SE	1	SE	1	7	Ci.	S.-Cu.	8	Ci.-S.	N. SW
Mean		0.4		1		1.2		1.6		1		0.3	8.5			7.6		

This station was temporarily closed from February 1 to July 10.

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[1] No rain gauge.

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6 meters; gravity correction not applied, −1.81 mm.]

AUGUST, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.56	58.23	58.80	56.74	57.15	59.16	24.9	24.6	28.4	30.5	28.2	26.8	31.1	23	90	92	78	65	80	85	------
2	57.77	57.78	57.87	56.20	56.71	58.57	25.6	24.9	29.7	30.9	27.8	25.8	31.5	24.1	90	92	73	69	79	87	------
3	57.63	57.18	58.10	55.79	56.78	58.57	25.4	25	29	30.2	27.7	25.8	31.2	24.6	90	92	78	67	83	87	------
4	58.39	57.59	58.50	56.91	57.19	58.92	25	24.7	28	30.1	26.5	25.6	30.7	23.1	89	92	77	73	86	89	0.6
5	58.34	58.05	59.11	57.10	57.87	58.67	24.4	24.5	28.2	30	26.2	25.7	31.2	22.7	91	93	80	76	89	91	1.5
6	58.49	58.29	59.31	57.25	57.42	59.14	24.8	24	28.9	30.7	25.4	24.5	31	23.4	93	92	69	69	93	87	------
7	58.11	58.11	58.51	56.77	56.84	58.47	23.8	24	30.2	31.5	28.5	25.6	32.8	22.6	91	94	76	65	78	84	------
8	58.22	58.03	58.66	56.40	56.90	58.39	25.5	25.3	28.6	31.7	26.2	25.5	32.1	24.3	89	93	85	63	90	91	22.4
9	58.25	57.95	58.13	56.63	57.43	58.74	24.5	24.4	29.7	30.8	25.1	25.1	31.6	22.8	91	92	72	68	95	93	46.8
10	58.65	58.21	58.20	56.80	56.50	58.74	24.4	23.7	28.1	30.5	28.4	26.6	31.4	22.5	93	93	80	73	85	87	.8
11	58.33	57.62	58.14	56.30	57.59	58.64	25.3	25.5	30.5	30.5	26.5	25.8	32.4	24.2	88	92	74	72	90	89	12.2
12	58.32	58.68	59.35	58.10	57.39	58.99	25.3	25.1	29.7	28	27	24.8	31.4	23.1	93	92	78	82	88	91	------
13	58.34?	57.67	57.65	55.69	56.52	57.88	24.2	23.5	29.7	31.2	27.6	25.5	31.8	21.9	90	92	72	68	83	93	------
14	57.96?	57.79?	57.61	56.01	57.22	58.07	25	24	29.8	30.1	27.6	25.7	31.2	22.1	88	93	76	73	85	90	------
15	57.82	58.14	58.97	56.54	57.39	58.56	25.4	25.2	25.6	28.9	26.9	25.3	29.5	23.5	90	91	88	78	86	92	2.1
16	58.26	58.09	58.70	56.50	56.20	57.58	25.1	24.2	29.2	30.3	28.7	27	31	21.9	95	92	79	76	82	89	17.2
17	57.07	57.36	58	55.96	56.74	58.42	25.7	25	30.2	30.5	28.7	27	31	23.3	94	94	73	75	78	84	------
18	57.73	57.55	58.60	56.91	56.64	58.78	25.2	24.5	29.4	31.2	29.2	27.3	31.6	22.7	92	92	79	73	81	87	------
19	57.50	57.24	58.45	56.78	56.92	58.68	26	25.1	30.7	31.2	29.2	27.2	32	24.2	92	95	70	68	86	86	5.1
20	57.60	57.23	57.95	56.15	57.66	58.97	26.2	25.4	31	31	26.2	26.5	31.9	24.7	91	93	72	75	90	91	25.6
21	58.24	58.05	58.30	56.40	57.83	59.16	25.3	24.5	28	29.8	25.4	25.2	30.1	23.2	91	92	83	79	90	91	18
22	59.13	59.04	59.70	56.90	58.61	59.28	24.6	24.6	28.7	30.3	28.7	26.2	30.5	23.2	92	92	75	72	80	87	3.6
23	58.05	58.25	58.96	56.57	56.66	57.92	25.2	24.5	27.6	29.5	28.3	26.9	29.9	23.5	91	94	86	78	82	97	.8
24	57.28	57.51	57.45	56.40	56.28	57.57	25.2	24.8	28.3	29.2	26.6	25.8	29.8	22.6	91	92	83	76	90	91	1.3
25	56.09	56.30	56.27	55.34	56.50	57.42	25	24	29	31	26.3	25.5	31	22.6	92	93	77	74	86	88	1
26	57.06	56.79	57.15	55.43	56.82	57.59	25	24.2	29.8	31	29.5	26.6	31.8	22.5	92	92	70	71	78	85	------
27	57.59	57.39	58.07	56.53	56.91	58.39	25.5	25	30	31	28.7	26.5	32	23.8	88	90	73	71	74	87	------
28	58.43	58.36	58.31	56.21	57.26	58.90	25.5	25.3	30.4	30.6	28	26.5	32.5	23.6	89	88	69	72	78	87	------
29	58.27	58.19	58.54	56.20	57	58.96	26	25	29.3	31.7	29.3	27.5	32.2	23.4	84	88	72	68	74	85	------
30	57.40	57.62	58.30	56.39	56.93	58.47	26.5	25.8	29.7	31.5	25.6	26	32.9	23.7	85	88	72	66	85	85	.8
31	57.26	56.89	57.59	55.56	56.02	57.57	25.2	25	28.7	30	27	25.8	31.5	23.2	90	88	75	68	78	85	1.5
Mean	57.94	57.78	58.30	56.43	57.03	58.49	25.2	24.7	29.2	30.5	27.5	26.1	31.4	23.2	90.5	91.9	76.3	71.7	83.9	88.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	161.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	1	SE	1	SE	1	NNW	2	NW	1	SSE	1	10	Ci.-S.	S.	6	Ci.	Cu.-N. SW
2	NE	1	NE	1	NW	1	NW	2	SE	1	SE	1	8	Ci.-S.	S.	6	Ci.	Cu.-N. SW
3	SSE	1	SE	1	NW	1	NE	2	SE	1	SE	1	3	Ci.	S.	8	Ci.	Cu.-N. SW
4	SE	1	SE	1	SE	1	NW	2	SE	1	SW	1	9	Ci.-S.	S.-Cu.	5	Ci.	Cu.
5	SE	1	SE	1	SE	1	NE	2	SW	1	SE	1	10	------	N.	8	Ci.-S.	Cu. NE
6	SSE	1	NW	1	NE	1	NNW	2	NNW	1	Calm	----	8	Ci.	S.-Cu. SW	8	Ci.	Cu. SW
7	NE	1	SE	1	SE	1	NW	3	SE	2	SE	1	9	Ci.	S.	7	Ci.	Cu. S
8	E	1	SE	1	SW	1	SW	2	SW	1	SE	1	10	Ci.-S.	S.	8	Ci.-S.	N.-cf. SW
9	NE	1	SE	1	SE	1	NE	2	NW	1	SE	1	10	Ci.-S.	S.	8	Ci.	Cu.-N. SW
10	SE	1	SE	1	SE	1	NW	1	NW	1	Calm	----	10	Ci.-S.	S.	10	Ci.-S.	N. S
11	SSE	1	SW	1	SW	2	NW	2	SW	1	Calm	----	9	Ci.-S.	S.	9	Ci.-S.	N.
12	Calm	----	S	2	S	1	S	2	S	1	S	1	8	Ci.-S.	S.-Cu. S	9	Ci.-S.	N. S
13	Calm	----	SSE	1	SSE	1	NW	2	SE	1	SE	1	2	Ci.	S.-Cu.	7	Ci.	Cu.-N. S
14	Calm	----	S	1	S	1	NW	2	SSE	1	NE	1	3	Ci.	Cu.	8	Ci.-S.	Cu.-N. SE
15	SW	2	SSW	3	SE	1	NE	2	SW	2	S	1	10	------	N. E	8	Ci.	S.
16	Calm	----	SE	1	SE	2	NW	3	S	1	S	1	8	Ci.-S.	S.	5	Ci.	Cu. S
17	Calm	----	S	1	SSE	1	NW	2	SW	2	NW	1	4	Ci.	S. S	6	Ci.	Cu. S
18	Calm	----	SE	1	NW	1	NE	2	NW	1	SE	1	3	Ci.	Cu.	5	A.-Cu.	Cu. S
19	ENE	1	NE	2	NE	2	NE	2	NE	1	Calm	----	10	------	N. NE	6	Ci.	S.
20	Calm	----	S	1	E	2	NE	2	NE	1	SE	1	8	Ci.	Cu.	9	Ci.-S.	Cu. E
21	SSW	1	NE	1	S	1	NE	1	SE	1	S	1	9	Ci.-S.	Fr.-N. NE	8	Ci.-S.	N. SW
22	SW	1	NE	1	SE	1	NE	2	NE	1	SE	1	8	Ci.-S.	Cu.	5	Ci.	Cu. SW
23	Calm	----	E	1	NW	1	NNW	2	NNW	1	NW	1	8	Ci.	S.	8	Ci.-S.	Cu. NE
24	Calm	----	SW	1	SSW	1	NE	1	NNW	1	Calm	----	10	------	N. SW	9	Ci.-S.	N. SW
25	Calm	----	SE	1	SE	2	NE	2	S	1	S	1	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. E
26	Calm	----	SE	1	NNW	2	NNW	3	NNW	1	SE	1	7	Ci.	S. SE	8	Ci.-S.	Cu.-N. SW
27	Calm	----	SE	1	NW	2	NNE	2	SW	1	SE	1	3	Ci.	Cu. NE	9	Ci.-S.	Cu. NE
28	Calm	----	SW	1	NW	2	NNW	3	S	1	SW	1	9	Ci.	Cu. NE	8	Ci.-S.	Cu.-N.
29	Calm	----	SW	1	SW	2	N	2	NW	1	Calm	----	10	Ci.-S.	N. SW	8	Ci.	Cu.-N. W
30	Calm	----	SW	2	SW	2	SW	2	SW	1	SW	1	8	Ci.	Cu.	9	Ci.-S.	N. SW
31	SW	1	S	2	S	3	W	6	W	2	W	1	8	Ci.-S.	S. S	10	------	N. W
Mean	-------	0.5	-------	1.2	-------	1.4	-------	2.2	-------	1.1	-------	0.8	7.7	------	------	7.6	------	------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6 meters; gravity correction not applied, —1.81 mm.]

SEPTEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.14	56.29	56.61	54.90	55.93	57.98	25.3	25	30.4	31.3	27.8	26.7	33.2	24.5	86	85	66	68	83	86	0.3
2	56.92	56.64	56.90	54.79	55.72	57.59	26.3	25.4	31.4	32.6	27.2	26.6	33.5	25	88	89	65	65	87	89	14.2
3	57.17	56.53	57.17	55.64	55.92	57.16	26	25.3	29.9	29.4	28	26.9	32	24.7	92	91	75	70	82	84	------
4	56.07	56.09	56.40	55.14	55.30	56.98	26	25	28.9	29.6	28	26.7	31	24	84	83	76	75	77	83	------
5	55.79	56.07	57.53	55.60	56.02	57.97	26.6	25.9	28.7	30.4	26.4	25.9	30.7	25.3	87	88	78	71	87	89	8.9
6	56.93	56.98	56.77	55.60	55.43	56.83	25.4	25	30	25.5	25.3	25.4	31.6	24.5	90	92	74	86	89	90	31.7
7	56.59	56.11	56.91	55.35	56.08	58.09	25	24.8	29.7	30.4	26.7	26.5	32.2	24.4	90	92	77	79	86	89	1.5
8	57.03	57.70	58.40	56.61	58.62	59.46	25.5	25	28.5	29.9	26.7	25.2	30.6	24.7	91	92	80	75	83	90	3
9	59.05	58.91	59.10	57.30	58.50	59.50	24.4	24	28.8	30.5	28.5	26.5	31.5	23.8	92	92	78	75	81	87	65.3
10	58.30	58.99	59.52	57.30	57.93	59.56	26.4	25	26.2	28.5	27.5	26.8	29.5	24.5	85	92	90	82	84	88	------
11	58.17	58.03	59.64	57.39	58.03	59.40	25.8	25.2	28.5	28.6	27	25.6	30.1	24.6	88	90	81	82	87	90	126.5
12	58.85	60.11	59.12	57.27	58.68	60.01	25.2	23.8	28	29.4	26.3	25.3	30.1	23.5	87	97	85	81	82	89	10.6
13	58.95	59.05	59.49	56.95	57.98	59.37	25.2	24.2	29.6	30.5	27.3	25.7	31.2	24	87	93	79	76	86	88	9.5
14	58.76	58.75	59.07	56.66	58.22	59.48	25.2	24.5	29	29.5	25.6	25.1	30.2	24	90	92	76	76	90	91	20.6
15	58.79	58.10	58.82	56.14	56.98	58.40	24.9	24.1	27.7	28.9	27.2	25.7	29.9	24	90	93	82	78	81	90	4.4
16	58.99	57.45	58.68	56.70	57.23	59.21	25	24.4	27	27	25.3	24.8	29	23	92	92	84	83	93	93	17
17	58.65	58.47	60.20	58.05	59.23	61.38	24.2	23.3	28.5	28.6	25.4	24.9	30.6	23.2	94	94	78	80	82	92	12.5
18	60.94	60.03	61.21	58.94	58.95	61.28	24.4	23.6	29.2	30.5	28.2	26.5	31.2	23.4	92	95	76	72	80	88	17
19	59.99	60.03	59.97	57.34	57.92	59.90	25.5	24.5	28.6	28.6	28	26.4	29.6	24.5	88	93	80	79	81	88	8.1
20	57.79	57.88	58.58	55.84	57.10	58.06	24.9	24.2	26.7	29.5	26.2	25.2	30.1	23.9	88	90	86	71	82	90	23.2
21	57.95	57.19	58.79	56.54	57.52	59.35	24.5	24.2	24.8	26.6	25.5	24.5	27.1	23.6	92	92	92	83	90	90	.6
22	58.90	59.07	59.74	57.26	57.67	59.96	24.1	23.1	28.5	29.5	28.1	26.7	30.7	22.9	91	95	74	71	81	86	4.1
23	58.92	58.36	59.54	57.15	57.70	58.03	25.2	25	29.9	30.5	28.8	27.9	31.5	24.6	88	92	75	75	78	85	2.1
24	57.14	56.79	57.17	54.56	55.37	57.03	26.1	25	28.1	32.5	29.5	27.1	32.9	24.2	87	88	74	56	68	83	------
25	56.34	56.60	56.77	55.07	55.79	57.42	26.2	25.7	30	31.5	29	26.5	32	25.6	94	89	78	66	77	86	5.8
26	56.93	57.01	57.36	54.90	55.57	57.64	25.4	24.8	26.6	29.8	28.1	26.2	31.4	24.1	88	90	90	73	77	85	1.3
27	56.49	56.74	56.67	54.69	55.62	57.14	25.8	25.2	29.5	29.2	25.5	25.2	31.9	24.5	89	90	69	73	84	86	------
28	55.69	56.06	56.04	53.91	54.87	56.09	25	24.4	29	29	26.8	25.8	31.1	23.7	88	90	71	76	80	81	------
29	55.33	54.71	55.97	54.20	55.42	56.87	25.5	25	28	27.4	26.3	25.7	28.6	24.3	83	88	78	79	78	80	2.6
30	57.19	56.66	57.64	56.57	57.38	59.42	25.4	24.4	27	29.9	27.4	26.2	30.1	23.8	82	89	84	72	84	84	------
Mean	57.69	57.58	58.19	56.15	56.96	58.55	25.3	24.6	28.6	29.5	27.1	26	30.8	24.2	88.8	90.9	78.4	74.6	82.7	87.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	390.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	W	1	SW	1	W	2	W	3	SW	1	Calm	----	9	Ci.-S.	S.-Cu.	9	Ci.-S.	N. W
2	Calm	----	S	2	SW	2	W	2	W	1	SE	1	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Cu.-N. W
3	SW	2	SW	1	SW	1	SW	1	W	1	S	3	8	Ci.	S.-Cu. NE	10	Ci.-S.	N.
4	E	1	E	3	SW	2	NW	2	SW	2	SW	2	9	Ci.-S.	N.	10	Ci.-S.	Fr.-N. S
5	SE	3	SW	1	SW	2	SW	2	S	1	Calm	----	9	Ci.-S.	N.	10	Ci.-S.	Cu.-N. SW
6	Calm	----	S	2	SW	2	SW	2	SW	1	Calm	----	10	Ci.-S.	N.	10	----------	N. SW
7	SW	1	S	2	SW	2	NE	2	SW	1	Calm	----	9	Ci.	S. SW	9	Ci.	Cu.-N. SE
8	Calm	----	S	1	SW	1	NE	2	SW	2	Calm	----	10	Ci.-S.	Cu. S	9	Ci.-S.	N. SW
9	Calm	----	SW	1	NE	1	NE	2	Calm	----	SE	1	9	Ci.-S.	N. SW	7	Ci.	Cu. NE
10	Calm	----	S	1	WSW	1	NW	1	NE	1	S	1	10	Ci.-S.	N.	10	Ci.-S.	N.
11	Calm	----	S	1	S	1	N	1	Calm	----	S	1	10	Ci.-S.	N.	9	Ci.-S.	N. N
12	NE	1	S	1	SW	1	NNE	2	S	1	SE	1	10	----------	N. E	8	Ci.-S.	Cu. SE
13	Calm	----	SW	1	N	2	N	2	N	1	SE	1	7	Ci.	Cu. NE	8	Ci.	Cu. N
14	Calm	----	S	1	NE	1	NE	2	SW	1	SE	1	10	Ci.-S.	N. S	7	Ci.-S.	N. NE
15	S	1	S	2	S	2	NE	2	NE	1	SE	1	10	Ci.-S.	N.	9	Ci.-S.	N. NE
16	Calm	----	S	1	S	1	S	1	S	1	Calm	----	10	Ci.-S.	N.	10	----------	N. S
17	Calm	----	SE	1	S	2	NE	2	SW	1	E	1	8	Ci.-S.	Cu. SE	8	Ci.-S.	N. SW
18	Calm	----	S	1	NE	2	NE	2	NE	1	S	1	9	Ci.-S.	N. SE	8	Ci.-S.	Cu.
19	NE	2	NE	1	NE	2	NE	2	Calm	----	SE	1	10	----------	N. N	9	Ci.-S.	Cu. NE
20	Calm	----	SW	1	S	2	NE	2	N	3	N	1	7	Ci.-S.	Cu.-N. NE	7	Ci.-S.	Cu.-N. NE
21	N	1	S	1	S	1	S	1	S	1	S	1	10	----------	N. S	10	Ci.-S.	N. S
22	S	1	S	1	SW	2	NNE	3	NNE	1	E	1	4	Ci.-Cu.	Cu.	8	Ci.	N. SE
23	NE	2	S	1	NE	2	NE	2	Calm	----	SW	2	8	Ci.-S.	N. S	7	Ci.	Cu.
24	S	1	SW	1	SW	1	SW	2	SW	1	S	1	9	Ci.-Cu.	Cu.	9	Ci.-S.	Cu. SW
25	Calm	----	SW	1	SE	1	N	2	NW	2	S	2	9	Ci.-S.	Cu. SW	8	Ci.-S.	Cu.-N. SW
26	SW	1	SW	1	NW	2	NW	2	NW	2	SW	1	10	Ci.-S.	N.	8	Ci.	Cu. NW
27	Calm	----	SW	1	SW	2	SW	2	SW	1	SW	1	10	Ci.-S.	N.	10	Ci.-S.	N.
28	SE	2	S	3	SW	2	SW	2	S	2	S	2	10	Ci.-S.	N. SW	9	Ci.-S.	N. SW
29	SW	3	SW	3	SW	3	SW	2	SW	3	SW	3	9	Ci.-S.	N. SW	10	Ci.-S.	N. SW
30	S	1	S	1	SW	2	SW	2	SW	1	Calm	----	8	Ci.-S.	N. S	8	Ci.-S.	Cu.
Mean	-------	0.8	-------	1.3	-------	1.7	-------	1.9	-------	1.2	-------	1	9	----------	----------	8.8	----------	----------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6 meters; gravity correction not applied, —1.81 mm.]

OCTOBER, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.10	59.19	59.54	57.38	58.36	59.77	25.7	25	30	31.6	27.3	24.8	31.7	24	86	90	67	62	76	88	-----
2	58.54	58.04	59.62	58	57.60	59.39	24.1	23.5	25.5	26.2	25	24.2	26.5	23.4	91	96	88	93	93	96	7.9
3	58.68	57.91	58.80	56.83	58.10	59.53	23.9	23.3	28.2	28.7	24.3	23.8	31	23.2	95	97	77	80	98	97	25.4
4	58.25	59.28	60.05	58.52	59.06	59.81	24	24	29	29.4	25.6	24.2	31	23.5	90	92	73	68	93	92	3.8
5	59.21	60.04	59.91	57.84	58.23	60.58	22.8	22.6	31	30.5	27.7	25.3	32.7	21.8	95	96	64	65	80	91	-----
6	58.56	58.64	58.96	56.99	57.30	59.36	24.2	23.9	30.6	31	28	26.3	32.2	23.5	96	95	70	65	82	91	22.9
7	58.53	58.03	58.95	56.95	57.85	59.54	26.3	24	30.7	30.7	27.8	24.5	32.2	23.4	93	97	74	66	84	89	-----
8	59.19	58.86	59.87	57.63	58.83	59.93	24	23.8	31.6	31.7	24.5	24	33.2	23.2	91	95	64	68	83	95	1.5
9	58.90	58.94	60.21	57.25	58.36	59.91	25.1	24.3	30.4	29	27.5	24	31.7	23.4	86	97	70	75	84	92	5.1
10	59.15	59.02	59.57	57.91	58.64	60.19	23.4	23.2	31	29	25.8	24	31.6	23	95	92	68	76	93	97	8.9
11	59.19	59.35	60.60	58.36	59.50	60.73	24.2	24	28.3	28.9	24.8	24	30.1	23.5	95	96	80	80	93	97	5.8
12	59.94	59.29	60.70	58.81	60.22	60.64	23.6	23.5	29.3	29.2	26.5	22.9	29.8	22.8	95	98	77	79	84	95	6.1
13	59.39	59.82	60.26	57.35	58.51	60.13	23.1	23.2	29.8	30	27.6	25.2	30.8	22.6	97	96	74	70	81	93	16
14	59.29	59.71	60.86	58.32	59.50	60.82	24.3	23.8	27	28.4	26.8	25	28.9	23.1	92	95	85	77	86	95	23.6
15	59.93	60.04	61.31	58.85	59.93	61.85	23.8	23.5	29.6	29.8	26.3	24.8	30.7	22.7	90	95	75	73	88	93	2.3
16	59.94	60.18	60.14	58.07	59.26	60.77	24.2	24	29.9	29.7	27.2	25.5	30.5	23.7	97	96	75	74	82	94	10.4
17	60.06	60.19	61.26	58.47	59.58	60.35	24	23.9	27.5	27.7	26	24.6	28.5	23.6	96	96	84	84	88	95	28
18	59.93	61.02	62.73	60.26	60.36	61.49	24.2	24.7	22.1	24.1	23.9	23	26.5	21.6	94	92	99	97	97	97	43.5
19	60.57	60.59	60.95	59.04	59.07	60.42	22.4	22.6	29.2	28.5	27	24.5	30.5	22.1	98	99	72	76	85	96	35.3
20	59.29	59.80	60.81	58.23	58.62	59.88	24.6	23.1	29	30.2	27.1	24.1	30.5	23	91	97	71	68	80	98	8.1
21	59.02	59.25	60.02	58.15	58.27	60.11	25.9	24.7	28.4	28.4	27.1	27	31.6	24.2	88	97	79	80	83	84	-----
22	59	59.03	60.22	57.70	58.66	59.55	25.2	25.9	29.4	30.7	27.7	26.5	31.1	24.9	94	88	79	70	87	91	-----
23	58.68	59.04	59.73	57.67	58.57	59.03	26.5	26.3	29.9	30.2	27.6	26.5	31.6	26	89	90	73	74	81	88	12.9
24	58.37	58.72	59.47	57.37	58.32	60.03	24.9	24.2	29.3	29.1	27.2	25	31.7	24.1	92	90	78	78	87	94	1.8
25	59.12	59.92	60.55	57.91	58.84	60.42	24.7	24.6	29.2	30.4	26.2	26.8	31.2	24.2	94	95	73	70	85	82	.3
26	59.17	60.40	60.25	57.31	58.05	59.97	26.3	26.3	29.5	30.6	27	26	31.5	24.4	86	86	75	68	86	85	11.9
27	58.40	58.75	59.85	56.96	57.86	59.16	25.8	25.7	30	30.6	28	27.4	31.2	25.2	88	88	76	70	77	81	7.9
28	58.07	58.43	59.88	57.02	57.93	59.18	25.7	25.4	26.5	27.9	27	26.5	29	24.2	94	93	88	79	84	86	.8
29	58	57.52	59.46	56.66	57.93	59.30	26.4	26.2	30	29.5	25.5	25	31.3	24.4	86	86	73	77	96	96	45
30	57.35	57.94	58.41	55.39	55.77	56.31	24.5	24.7	26	27.4	25.5	27	29.9	24	96	97	84	89	96	90	13.4
31	54.89	54.90	55.17	53.05	53.94	53.94	26.5	26.4	29	29.3	25.8	26.5	30.3	23.5	91	91	79	80	94	85	43.1
Mean	58.89	59.09	59.94	57.62	58.42	59.74	24.7	24.3	28.9	29.3	26.5	25.1	30.7	23.6	92.3	93.8	76.3	75.2	86.6	91.7	-----
Total	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	391.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SW	1	SSW	1	NW	1	N	2	NE	1	Calm	----	5	Ci.	Cu.	7	Ci.	Cu. SW
2	Calm	----	N	1	N	1	SSE	1	S	1	Calm	----	10	Ci.-S.	N. N	10	----	N. N
3	Calm	----	S	1	SW	1	SW	1	NE	1	Calm	----	10	Ci.-S.	N. N	10	Ci.-S.	N.
4	Calm	----	SW	1	SW	1	NW	2	SE	1	Calm	----	10	Ci.-S.	N.	10	Ci.-S.	N.
5	Calm	----	S	1	NW	1	NE	2	NNW	1	Calm	----	3	Ci.	Cu.	2	Ci.	Cu.
6	Calm	----	SW	1	NNW	3	N	2	NNW	1	Calm	----	7	Ci.	Cu. NE	3	Ci.	Cu. N
7	S	1	WSW	1	NW	1	N	2	SSW	1	Calm	----	5	Ci.	Cu.	9	Ci.-S.	Cu.
8	SSW	1	SSW	1	SSW	1	N	1	S	1	Calm	----	9	Ci.-S.	N.	9	Ci.-S.	Cu. W
9	SSW	1	Calm	----	WSW	1	N	1	S	2	Calm	----	10	Ci.-S.	N.	10	Ci.-S.	N.
10	SW	1	Calm	----	NW	1	N	2	Calm	----	SW	1	10	Ci.-S.	Fr.-N. W	9	Ci.-S.	N. N
11	Calm	----	Calm	----	N	1	N	2	Calm	----	Calm	----	9	Ci.-S.	N. SW	9	Ci.-S.	Cu.-N. N
12	Calm	----	Calm	----	N	1	NW	2	N	3	SW	1	7	Ci.	Cu.	9	Ci.-S.	Cu.-N. NW
13	Calm	----	S	1	N	2	N	2	Calm	----	S	1	8	Ci.-S.	Cu. S	4	Ci.	Cu.
14	SW	1	SSE	1	SSE	1	N	1	N	1	SW	1	9	Ci.-S.	N. SE	8	Ci.-S.	Cu.
15	Calm	----	Calm	----	NNW	2	NNW	2	Calm	----	Calm	----	10	----	N.	8	A.-Cu.	Cu. NW
16	Calm	----	Calm	----	NW	1	NNW	2	N	1	SW	1	8	Ci.-S.	N. N	7	Ci.	Cu.
17	SW	1	SW	1	N	1	N	1	N	1	NE	1	10	Ci.-S.	N.	10	Ci.-S.	N. N
18	Calm	----	SSE	1	SE	1	SSE	1	S	1	Calm	----	10	----	N.	10	Ci.-S.	N. E
19	Calm	----	ESE	1	E	2	NNE	2	E	1	SE	1	6	Ci.	Cu. N	8	Ci.-S.	Cu.
20	Calm	----	Calm	----	NNE	1	N	2	N	1	NW	1	3	Ci.	Cu. E	2	Ci.	Cu. E
21	SE	1	Calm	----	NNE	3	N	2	NNE	1	N	1	6	Ci.	Cu.-N. NE	7	Ci.-S.	Cu. N
22	NE	1	E	1	NNE	2	NNE	2	Calm	----	NE	2	4	Ci.	Cu. E	8	Ci.-S.	Cu. E
23	NE	1	NE	2	NE	3	NE	2	NE	2	NE	3	8	Ci.	N.-cf. NE	9	Ci.-S.	Cu. NE
24	NE	2	NE	5	E	2	NE	2	Calm	----	Calm	----	10	Ci.-S.	N. NE	8	Ci.-S.	Cu. E
25	Calm	----	Calm	----	NE	3	N	2	N	2	NE	2	8	Ci.	Cu.-N. E	6	A.-Cu.	Cu. NE
26	ENE	1	NE	2	NE	2	NE	3	N	1	E	1	6	Ci.-S.	Cu. NE	8	Ci.-S.	N. NE
27	NE	1	NE	1	NE	2	NNW	2	N	1	N	1	8	Ci.	Cu. NE	8	Ci.-S.	Cu.-N. NE
28	NE	2	NE	1	NE	2	NE	3	NE	2	NE	1	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
29	NE	1	ENE	2	NE	2	NE	2	NE	1	Calm	----	4	Ci.	Cu. NE	9	Ci.-S.	Cu.-N. NE
30	NNW	1	NNW	2	NNW	2	NNW	2	NE	1	NNW	4	10	----	N. N	10	----	N. N
31	NNW	3	NNW	2	NNW	4	NNW	3	N	4	NNW	5	8	Ci.-S.	N. N	10	Ci.-S.	N. N
Mean	-------	0.7	-------	1	-------	1.7	-------	1.9	-------	1.1	-------	0.9	7.8	-------	-------	8	-------	-------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6 meters; gravity correction not applied, —1.81 mm.]

NOVEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	51.59	50.60	46.23	41.37	49.70	54.07	25.5	25	24.5	22.1	24.7	24.7	27.6	22	92	96	96	99	94	96	26.1?
2	54.27	56.24	57.49	56.15	57.43	58.64	24.5	25	26.9	28.5	26.1	25	29	24	96	93	85	77	93	96	2.3
3	58.26	58.79	59.57	57.09	57.76	59.08	24.5	24.6	29.4	30.5	27.4	25.8	31.4	24.2	98	98	79	68	88	94	------
4	58	58.20	59.72	57.26	57.97	59.75	25.6	25.5	29.6	29.6	27.3	26.7	30.7	25	91	91	74	75	87	85	------
5	58.50	58.66	59.94	57.51	58.08	59.65	25.7	25	29.7	29.3	27.7	26.5	30.5	24.5	90	85	72	70	79	84	------
6	58.34	58.30	59.55	57.23	58.06	59.34	26.4	25.8	29.4	28.6	27	26.6	30.4	25.5	85	85	74	81	76	87	3.3
7	58.57	58.78	59.95	57.53	58.42	59.56	25.5	25.7	29.4	30	27.2	27	31	25.1	90	89	74	72	85	88	------
8	58.20	58.55	59.66	56.96	57.87	58.79	26.2	25.4	28.7	30	27.1	27	30.8	25.2	93	93	77	69	87	90	7.6
9	58.13	58.64	59.48	56.76	57.17	59.07	25.2	23.8	25.7	27.5	26	24.8	29.2	23	94	97	92	81	92	98	52.1
10	56.54	57.23	57.82	55.54	56.49	57.98	24.8	24.4	28.6	29	26.9	24.9	30.4	24.4	97	96	74	69	81	90	.5
11	56.69	56.99	57.82	55.44	56.27	58.47	24.7	23.3	29.3	29.1	26.9	24.6	31	23	90	93	71	71	85	95	------
12	56.55	57.09	57.41	55.19	56.24	57.44	23.6	23.4	30	29.6	26.1	26.4	31.2	23.4	98	97	71	67	87	89	4.8
13	55.84	55.89	56.73	55.08	55.18	56.19	25.5	26	25.2	25	25.1	24.7	27.1	23.5	96	85	95	92	94	90	17.9
14	55.35	55.56	56.21	53.80	55.43	56.82	24.2	24.1	29.6	31.9	28.2	25.5	32.7	23.2	94	97	70	62	76	93	------
15	56.26	56.73	57.74	55	55.86	57.67	24.8	24	30.1	30.6	27.5	26.1	32	23.4	91	96	71	71	85	93	51.3
16	56.17	57.11	57.97	56.11	56.38	57.63	25.8	23	28.4	29.6	26.7	26	30.5	22.7	89	97	76	70	77	89	6.3
17	56.99	57.28	58.21	56.14	57.80	59.09	23.9	23.4	28.9	29.2	25.3	24.3	30.5	23.3	97	97	74	74	93	97	2.3
18	58.75	58.91	59.70	57.07	57.58	58.98	23.8	22.9	28.8	29.7	27	26.8	30.8	22.5	95	97	79	77	83	86	1.5
19	57.74	57.82	59.28	56.63	57.63	58.20	25	24.9	27.2	28.5	26.6	25.9	29.9	24.3	95	94	85	80	87	88	13
20	57.15	57.79	58.33	55.99	56.83	58.04	26.1	25.7	26.1	29.5	27.6	26.7	30.4	25.1	89	90	91	72	81	88	3.6
21	56.77	56.89	57.05	55.02	56.14	57.02	26.7	26.6	28.2	28.8	27	26.2	30.3	24.9	87	87	85	80	85	90	15.5
22	55.70	55.93	55.86	54.25	56.85	57.44	25.2	25.4	29.7	30	24.8	24.5	32	23	95	84	67	73	85	96	16.5
23	56.86	58.23	58.60	55.67	56.28	58.37	24	24	30.6	30	27.7	26.7	32.5	23.5	97	97	72	74	83	91	12.7
24	58.12	58.44	58.87	56.75	58.32	58.54	24.8	23.7	30	30	25.6	25	30.8	23.4	98	98	75	75	91	96	2.3
25	57.79	57.60	59.08	56.90	57.39	58.88	25	25.5	26.3	28.3	27.2	26.4	29.7	24.4	94	92	90	77	84	88	3.1
26	58.30	58.18	59.15	57.09	57.59	58.89	25.5	25.9	28.8	29.3	27	26.7	30	24.5	88	86	73	72	84	80	------
27	58.30	58.87	59.66	57.19	57.75	58.90	26.2	25.5	28.8	29.2	25.3	25.8	29.9	24.4	86	88	76	72	93	85	13.3
28	58.18	58.14	58.67	56.45	56.83	57.42	25.8	25.3	27.9	27.6	26	26.6	28.8	24.5	87	89	80	83	90	85	2.3
29	56.97	58.11	59.12	56.06	57.09	58.98	25.8	24.6	27.8	27.6	26.7	26.7	28.3	24.4	87	85	76	79	80	79	------
30	58.12	58.13	59.82	56.79	58.04	59.16	26.1	25	28.6	28	27.3	25	29.7	24.5	87	87	75	80	84	90	4.9
Mean	57.10	57.46	58.16	55.73	56.88	58.27	25.2	24.7	28.4	28.9	26.6	25.9	30.3	24	92.2	92	78.3	75.4	85.6	89.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	263.2?

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	7	N	7	N	9	ENE	11	SE	3	SE	4	10	A.-S.	Fr.-N. N	10	------------	N. ENE
2	SSE	1	SE	2	S	1	SSE	1	SW	1	SE	1	10	Ci.-S.	N. SE	10	Ci.-S.	N. SE
3	SE	1	S	1	NE	2	NE	2	Calm	----	SW	1	8	Ci.	N.-cf. E	3	Ci.	Cu. E
4	SE	1	E	1	NNE	2	NNE	2	NNE	1	NNE	2	8	Ci.	Cu. E	7	Ci.-S.	Cu. NE
5	NNE	1	ENE	1	NNE	2	NNE	1	NNE	2	NE	1	8	Ci.	Cu. NE	9	Ci.-S.	N. E
6	NNE	1	NNE	2	NE	2	NNE	1	NE	2	NE	1	8	Ci.-S.	N. NE	10	Ci.-S.	N. NE
7	NE	1	NE	1	NNE	2	NNE	2	NE	1	Calm	----	7	Ci.	Cu. NE	8	A.-Cu.	Cu. NE
8	Calm	----	Calm	----	N	2	NNE	2	NNE	1	NNE	1	8	Ci.-S.	N.-cf. NE	8	Ci.-S.	Cu.
9	E	1	ESE	1	NNW	1	NW	1	N	1	S	1	10	------------	N. SE	9	Ci.-S.	Cu.
10	Calm	----	SE	1	NNE	2	NE	2	Calm	----	S	1	10	------------	N. E	5	Ci.-S.	Cu.
11	Calm	----	SSE	1	NNW	1	NNW	2	N	1	Calm	----	8	Ci.-S.	Cu. E	8	Ci.-S.	Cu. NW
12	Calm	----	Calm	----	NW	2	NW	1	N	3	W	1	9	Ci.-S.	N. NW	8	Ci.-S.	Cu.
13	NW	3	NW	4	N	3	NNW	3	W	3	SSW	1	10	Ci.-S.	Fr.-N. NW	10	Ci.-S.	N. NW
14	SSE	1	SSE	1	SSE	2	S	2	S	1	E	1	9	Ci.-S.	N. S	7	Ci.-S.	Cu. S
15	Calm	----	SSE	1	SE	1	NE	2	NNW	1	E	1	7	Ci.	S. SE	5	Ci.	Cu.-N. SE
16	Calm	----	SSW	1	NNE	2	N	1	N	2	NE	2	9	Ci.	N.-cf. E	8	Ci.-S.	N. NE
17	N	1	SW	1	N	2	N	2	SE	1	S	1	9	Ci.-S.	N. SW	5	Ci.	Cu. N
18	Calm	----	S	1	NNW	2	N	2	N	1	N	1	8	Ci.	Cu.	5	Ci.	Cu. NE
19	N	1	N	1	N	2	NE	2	NE	1	ESE	1	9	Ci.-S.	N. NE	9	Ci.-S.	Fr.-N. NE
20	N	2	NNE	1	N	2	N	2	NNW	2	N	1	8	Ci.	Cu. NE	5	Ci.	Cu. NE
21	N	2	N	2	N	3	N	3	N	3	N	3	9	Ci.-S.	N.-cf. N	9	Ci.-S.	Fr.-N. N
22	NNW	2	W	2	SSW	1	ESE	1	SSE	1	Calm	----	10	Ci.-S.	N. W	10	Ci.-S.	Fr.-N. S
23	Calm	----	SE	1	SE	1	SE	1	SE	1	SE	1	8	Ci.	Cu. SE	9	Ci.-S.	N. SE
24	Calm	----	SSW	1	N	1	NE	2	NE	1	SW	1	5	Ci.	Cu. SE	8	Ci.-S.	Cu. NE
25	NE	1	NE	2	E	2	E	2	NE	2	E	1	9	Ci.-S.	N.-cf. NE	9	Ci.-S.	N. E
26	E	1	E	1	NE	2	NE	2	N	2	NE	2	8	Ci.-S.	Fr.-N. NE	9	Ci.-S.	Cu. E
27	NE	2	NE	1	NE	2	NE	2	NE	1	NE	2	10	Ci.-S.	N. NE	9	Ci.-S.	N. NE
28	NE	1	NE	1	NE	2	N	2	N	1	N	3	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
29	NE	1	N	1	NE	2	NE	2	NE	1	NE	1	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
30	NE	1	NE	1	NE	1	NNE	2	NE	1	NE	1	10	Ci.-S.	N. NE	9	Ci.-S.	N.-cf. NNE
Mean	-------	1.1	-------	1.4	-------	2	-------	2.1	-------	1.4	-------	1.3	8.7	------------	------------	8	------------	------------

CAPIZ.

[φ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6 meters; gravity correction not applied, −1.81 mm.]

DECEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.32	58.83	59.76	57.27	57.42	58.44	25.8	25.5	28.1	29	26.8	26.7	------	24.8	91	92	77	76	86	85	------
2	58.40	58.24	59.16	56.75	57.08	57.30	26.3	26.1	28.1	29	27.5	26.9	------	24.5	86	86	78	76	81	81	35.2
3	56.73	56.09	56.33	54.72	55.67	57	25	23.5	25.5	25.9	26	26.7	------	23.3	94	99	89	88	88	80	8.2
4	57.55	58.07	58.94	57.17	58.69	60.22	26	25.7	30	30.7	27	26.5	------	25.4	97	93	73	70	84	88	.6
5	59.78	60.01	61.21	58.87	59.56	60.16	26	26	29	30	27.2	26.5	------	25.2	92	91	77	68	83	86	------
6	59.65	60.78	60.97	58.87	59.09	59.40	25.8	25.6	28.5	28.7	26.7	26.1	------	25.2	89	89	76	79	86	88	.5
7	58.27	58.93	59.02	57.44	58.73	59.20	25.9	25.5	28	27.7	24.4	24	------	22.5	90	92	79	73	94	97	2.6
8	58.41	59.07	59.95	57.40	58.16	58.77	23	22.8	27.7	28.4	26.1	25.7	------	22.4	97	97	77	75	86	90	------
9	58.09	58.27	59.44	57.06	57.77	58.80	25.2	26	24.9	28	26	25.6	------	24.8	90	85	95	81	87	95	5.4
10	58.07	57.99	59.17	57.62	57.99	59.08	25.9	25.7	28.4	29	26.9	26.4	------	25.2	95	93	82	76	89	90	2.5
11	58.52	58.54	60.51	58.30	58.19	59.98	25.5	25.4	28.4	26.6	26.5	25.5	------	25.3	89	89	77	94	90	91	3.8
12	59.07	58.34	59.65	57.13	58.80	59.40	25.8	25.2	28.7	28.1	26	26.3	------	25.2	95	98	77	84	89	87	4.1
13	58.19	58.06	58.87	56.44	57.09	58.46	24.8	25	28.2	29	26.4	26.5	30.6	24.2	93	93	80	78	85	88	------
14	57.17	57.83	58.66	56.24	57.62	58.47	25.6	25.3	29.2	28.9	25.3	24.7	30.8	24.7	91	89	76	76	89	95	1.3
15	57.90	57.69	58.77	56.93	58.03	59.15	25.5	24.1	27.7	28.7	25	25.5	30.2	23.7	88	96	84	77	96	93	11.3
16	59.03	58.55	60.29	57.85	58.87	59.42	24.6	23	29	29	26	25.4	30.3	22.9	92	97	74	71	87	90	------
17	58.74	59.08	60.15	57.73	58.71	60.13	25.3	25.3	26.8	27.4	24	24.3	29.1	23.7	88	86	86	81	95	93	6.1?
18	59.45	60.14	61.07	59.15	59.85	60.71	24.8	25	26.6	26	26.3	25.2	29	24	83	83	80	84	76	78	4.7
19	59.95	60.13	60.86	58.47	59.81	60.69	25.5	25.5	27.8	27.8	24.9	25.6	30	24.7	80	80	74	75	92	82	.5
20	59.65	59.97	60.85	58.65	59.20	59.92	25.4	25.1	27.8	28	25.6	25.2	29.8	24.8	75	77	68	71	82	82	.5
21	58.13	58.43	59.08	56.98	57.79	58.41	25.8	25.7	27.8	27.9	26.5	24.2	29.2	22.9	75	75	76	74	82	94	6.3
22	57.59	57.04	58.16	56.47	57.25	57.86	23.5	25.5	26.6	25.7	25	24.7	27.8	23.4	96	85	80	90	92	96	2.1
23	57.14	57.02	58.03	55.39	56.19	58.02	25.2	25.5	26.4	28.5	26.7	26	30.3	23.5	93	92	93	80	82	94	10
24	56.97	57.70	58.90	56.95	58.82	60.01	25.8	25.5	25.2	26.4	25.7	25.6	28.3	24.5	94	96	98	89	90	91	6.4
25	58.53	59.99	61.40	58.76	59.09	60.14	25.5	25.9	28.3	28	26.4	26	29.4	25.4	92	89	80	85	90	91	------
26	59.07	59.77	60.36	58.62	59.29	60.17	26	25.8	29.8	29.8	26.6	26.3	31.2	25.5	93	93	74	75	91	90	------
27	59.17	60.49	61.72	59.67	60.53	62.08	26	25.5	28.2	29	25.6	25.1	30.8	24.4	88	91	79	78	93	92	6.9
28	60.11	61.13	61.81	60.40	61.61	62.56	25.4	25	28.2	27.5	25.1	25.1	30.1	23.8	93	92	80	79	93	83	9.6
29	61.21	61.54	61.95	59.87	60.11	61.19	24.4	23.8	26.9	26.7	25.7	25	28.5	23.3	91	95	77	80	78	75	6.9
30	61.05	60.95	62.41	60.21	61.01	61.36	23.2	23.4	25.6	25.5	24	23.7	26.9	22.8	93	92	77	85	96	93	10.2
31	60.07	60.29	60.56	59.77	60.21	61.09	24.7	23.7	26.7	26.6	25.5	24.8	29.6	23.3	90	96	80	83	85	83	1.3
Mean	58.71	59	59.94	57.84	58.65	59.60	25.3	25.1	27.7	28	25.9	25.5	29.6	24.2	90.1	90.4	79.8	79.1	87.6	88.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	147

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	NE	2	NNE	2	N	2	N	1	NNE	2	8	Ci.	Cu. NE	7	Ci.-Cu.	Cu. NE
2	NE	1	NE	2	N	2	NNE	3	NNE	3	NNE	3	10	Ci.-S.	N. NE	10	Ci.-S.	N.-cf. NE
3	NNE	4	NE	4	NE	4	ENE	5	E	4	E	4	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. ENE
4	ESE	2	SE	1	SE	2	ESE	2	SE	2	E	1	9	A.-Cu.	N.-cf. SE	8	Ci.-S.	Cu. SE
5	E	2	E	1	E	2	E	2	SE	1	ESE	2	8	Ci.-Cu.	N.-cf. E	3	Ci.	Cu. E
6	E	1	NE	1	NE	2	NE	2	NNE	1	NNE	1	6	Ci.	Cu. NE	8	Ci.-S.	Cu. NE
7	N	2	NE	2	N	2	NE	5	SSW	1	SSW	1	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
8	SSW	1	SSW	1	NNE	2	NNE	1	NNE	1	N	2	8	Ci.	Cu. NE	8	Ci.	Cu. NE
9	N	1	N	2	N	1	N	2	N	3	N	2	10	Ci.-S.	N. N	9	Ci.-S.	N.-cf. NE
10	NNE	2	NE	2	NNE	2	N	2	NE	2	NE	2	8	Ci.-S.	N.-cf. E	6	Ci.	Cu. E
11	NE	1	NE	2	NE	2	NE	2	NNE	2	NE	2	6	Ci.	Cu. E	8	Ci.-S.	Cu.-N. NNE
12	NNE	2	NE	1	NNE	2	NNE	2	N	1	N	1	8	Ci.-Cu.	S.-Cu. NE	8	Ci.-S.	N. NE
13	NNE	1	NE	1	NNE	2	N	2	NNE	1	NE	1	8	Ci.	N.-cf. NE	8	Ci.	Cu. N
14	NE	1	N	1	NNE	2	NNE	2	NNE	1	SW	1	8	Ci.	Cu. NE	7	Ci.	Cu. NE
15	NE	1	S	1	N	1	NNE	2	E	1	NE	1	9	Ci.-S.	Fr.-N. E	8	Ci.-S.	Cu.-N. E
16	SSE	1	SSW	1	E	1	N	2	NE	1	N	1	6	Ci.	Cu.	6	Ci.	Cu. NE
17	NNE	2	NNE	3	NE	2	NE	2	NE	2	N	3	9	Ci.-S.	N.-cf. NE	10	Ci.-S.	N. NE
18	NE	2	NE	2	NE	1	NE	2	NE	2	NE	1	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
19	NE	3	NE	2	NE	2	NE	3	NE	1	NE	2	10	Ci.-S.	N. NE	9	Ci.-S.	Fr.-N. NE
20	NE	2	NE	3	NE	2	NE	1	NE	2	N	1	10	Ci.-S.	N. NE	10	Ci.-S.	Cu. NE
21	NNW	3	NW	2	NW	2	NW	2	NW	2	NW	1	10	Ci.-S.	Fr.-N. NW	9	Ci.-S.	Cu. W
22	NNW	3	NNW	3	NNW	3	N	3	NW	2	NW	2	9	Ci.-S.	N. NNW	10	Ci.-S.	N. N
23	N	3	N	3	N	2	N	2	NW	2	N	2	8	Ci.-S.	N. N	8	Ci.	Cu. N
24	N	2	NNE	3	NE	2	NNE	3	N	3	NE	3	10	------	N. N	10	Ci.-S.	N. NE
25	NNE	2	NE	2	NE	1	NE	2	NE	2	NE	2	10	Ci.-S.	N. NE	9	Ci.-S.	N.-cf. E
26	NE	1	NE	1	ENE	2	ENE	2	NNE	1	NNE	2	7	Ci.	Cu. NE	7	Ci.	Cu. E
27	NE	2	NE	1	NE	2	NNE	5	ENE	1	NE	1	8	Ci.	N.-cf. NE	10	Ci.-S.	N. NE
28	ESE	1	SE	1	NNE	2	NNE	3	NNE	3	NE	5	7	Ci.	Cu. SE	7	Ci.-Cu.	Cu. NE
29	NE	3	NE	3	NE	3	NE	3	NNE	4	NNE	4	10	------	N. NE	9	Ci.-S.	N. NE
30	NNW	1	N	2	NNE	3	NE	1	S	1	N	1	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N. NE
31	N	2	NE	2	NE	2	NE	2	NE	2	NE	3	10	Ci.-S.	N. NE	8	Ci.-S.	Fr.-N. NE
Mean	------	1.8	------	1.9	------	2	------	2.4	------	1.8	------	1.9	8.7	------	------	8.4	------	------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.80 mm.]

JANUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.09	58.87	59.45	57.13	58.05	59.37	22.5	22.6	28.5	28.4	26.3	24.1	31.1	22.2	96	97	78	77	90	93	1
2	58.30	59.47	60.68	57.88	59.05	60.56	22.9	23	26.1	28.4	25.7	24.2	29	22.1	97	97	87	78	90	95	------
3	60.19	60.55	61.11	59.43	60.03	61.15	22.7	22.3	29.5	29.1	25.9	24.9	30.7	21.5	96	94	71	73	86	92	1.8
4	60.35	60.93	61.24	58.88	60.18	61.24	23.9	22.7	28.6	29.5	26	24.1	31.7	22.5	97	97	80	78	87	96	------
5	60.11	60.35	61.41	58.78	59.70	60.70	23.8	23.3	28.2	29.2	26.5	24.2	32.1	23.1	97	97	81	74	84	95	3.8
6	59.43	59.40	60.28	58.13	58.87	59.25	23.9	23	28.1	28.5	25.2	24.2	29.9	22.7	96	95	70	79	92	95	8.8
7	57.85	58.32	58.70	56.83	58.04	58.70	23.9	23.4	28.4	29.4	25.8	23.9	30.4	23.2	97	96	70	66	84	93	1.3
8	58.07	58.12	58.72	56.51	57.44	58.07	23	22.7	28.4	30.2	26.6	24.8	30.7	22.4	96	97	77	70	85	95	5.7
9	56.95	57.58	58.95	56.51	57.60	58.95	24.1	23.9	25.7	30.4	25.9	24	31	23.7	97	96	93	67	84	94	2.5
10	58.01	58.47	59.44	57.05	57.17	58.22	23.1	22.6	25.4	27.3	25.2	24.3	29.2	22.3	96	96	89	81	88	94	8.7
11	56.96	57.38	58.05	55.87	56.70	57.75	23.6	23	28.4	29.1	25.9	24.1	31.6	22.7	95	95	77	68	84	95	------
12	56.86	57.44	58.30	56.57	57.53	58.36	22.9	22.3	27.5	29	26	23.6	31.5	21.9	97	96	76	74	83	95	------
13	57.41	57.57	58.19	55.97	56.95	57.65	22	20.9	28.8	31.4	26.1	22	32.2	20.7	96	96	71	54	82	96	------
14	57.12	57.44	58.31	55.44	57.17	58.60	21	20	28.7	29	25.3	24	30.7	19.8	96	96	69	74	88	93	.8
15	58.03	58.77	59.83	57.65	58.71	59.79	23.8	22.7	25.5	27.9	24.3	22.9	29.6	22	94	93	84	72	90	94	1.8
16	59.23	59.38	60.14	58.10	59.01	59.76	21.7	21	26.7	29.1	25.1	23.8	29.7	20.8	96	96	82	73	88	93	1
17	58.82	59.11	59.78	57.80	58.22	59.16	23.6	24	28.2	26.9	24.8	24	29.4	23	94	90	77	88	92	95	1.6
18	58.07	58.40	59.05	57.19	58.32	59.61	23.1	23	27.8	27	24.6	23.9	30	22.7	97	97	85	90	95	96	4.6
19	58.96	59.15	60.15	58.02	59.10	59.98	22.7	23.1	25.8	26.7	25	24.1	29.2	22.4	97	97	92	90	93	95	36.1
20	59.01	59.99	61.35	59.06	59.90	60.76	23.6	23.3	24.5	23.7	23.7	23.1	25.2	22.8	97	97	96	97	96	96	26.1
21	59.69	60.14	61.46	59.19	59.72	61.06	23	22.8	24.7	26	24.8	22.2	26.8	21	97	97	95	88	92	95	3.3
22	59.82	60.55	61.40	58.94	59.64	61.01	20.4	20.3	27.5	29.1	25.6	22.2	30.1	19.5	96	97	74	67	86	96	------
23	60.14	60.50	61.48	58.54	59.45	60.79	20.8	19.7	28.1	30.7	26	22.8	31.5	19.5	96	97	66	54	81	95	------
24	59.88	59.69	60.69	58.48	59.48	60.75	21.8	20.7	27.1	27.7	24.3	23	29.6	20.5	96	97	80	83	92	96	5.4
25	59.97	60.01	60.80	58.65	59.19	60.70	22.2	22.1	28.8	30	25.4	23.1	30.5	21.8	96	96	75	69	87	94	2.6
26	59.66	60	60.95	59.31	59.59	60.94	23	23	27.9	25.7	24.7	23.5	30.2	22.7	95	96	74	83	87	95	2.1
27	60.19	60.89	62.44	60.47	60.75	61.90	23.3	23.2	25	25.2	23.5	23.1	26.3	22.7	95	94	84	90	94	96	11.9
28	60.89	60.80	61.77	59.18	59.41	60.44	23	23.1	26	28.5	25.2	23.1	29.7	22	96	96	88	68	88	95	1.5
29	59.32	59.64	60.33	58.13	58.70	59.58	22.6	21.7	28	28.7	24.9	24.3	29.9	21.5	96	96	71	66	83	84	------
30	58.90	59.17	60.29	58.05	59.01	60.25	23.1	22.9	24.4	27	23.8	23.1	28.2	22.7	92	92	92	83	92	94	14.5
31	59.21	59.78	60.04	58.04	59.24	60.48	22.7	22	29	28.2	24.9	24	29.6	21.7	96	96	74	78	89	94	10.9
Mean	58.89	59.29	60.15	57.93	58.77	59.86	22.8	22.4	27.3	28.3	25.3	23.6	29.9	21.9	96	95.8	79.9	75.9	88.1	94.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	157.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	NE	1	SW	1	N	1	N	1	2	Ci.	S.-Cu.	7	------------	S.-cf. E
2	N	1	Calm	----	NE	1	ENE	2	NE	2	N	1	6	A.-Cu.	S.-Cu. E	9	A.-Cu.	S.-Cu. E
3	N	1	N	1	ENE	2	ENE	1	NE	1	N	1	3	Ci.	S.-Cu.	9	A.-Cu.	s.-cu. ENE
4	NE	1	Calm	----	NE	1	S	1	NE	1	N	1	5	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu. E
5	Calm	----	N	1	ESE	1	E	2	ENE	1	N	1	6	Ci.-S.	s.-cu. ENE	6	A.-Cu.	S.-cf. E
6	N	1	NE	1	ESE	1	NE	2	NE	1	N	1	5	Ci.-S. SE	S.-Cu.	8	Ci.-S.	S.-Cu. E
7	N	1	NE	2	NE	2	E	3	N	1	N	1	10	A.-Cu.	N. NEbyN	3	------------	Fr.-Cu. E
8	N	1	N	1	NE	2	E	2	N	1	N	1	8	Ci.-S.	s.-cu. ENE	8	A.-Cu.	s.-cu. ENE
9	NE	2	Calm	----	NE	1	E	1	E	1	NE	1	10	A.-Cu.	N. E	7	A.-Cu. SE	S.-cf. E
10	NE	1	N	1	ENE	1	NE	1	NE	1	Calm	----	2	Ci.	S.-Cu.	9	A.-Cu.	N. E
11	N	1	N	1	ENE	2	E	2	N	1	N	1	5	Ci.	S.-Cu.	7	A.-Cu.	S.-Cu. E
12	N	1	N	1	NE	2	NE	2	N	1	N	1	6	------------	s.-cu. Ebys	9	A.-Cu.	S.-Cu. NE
13	N	1	N	1	NE	2	E	2	Calm	----	N	1	2	Ci.-S.	------------	3	Ci.	Cu.
14	N	1	N	1	NE	2	SW	2	NE	1	NE	1	2	Ci.	------------	8	A.-Cu. SE	S.-Cu. NE
15	NE	1	NE	1	NE	2	ENE	2	NE	2	N	1	10	A.-Cu.	S.-Cu. NE	9	A.-Cu.	S.-Cu. NE
16	N	2	N	2	ENE	2	E	2	NE	1	N	2	4	------------	S.-Cu. NE	7	A.-Cu.	S.-Cu. E
17	N	1	NE	2	NE	2	NE	2	NE	2	Calm	----	8	A.-Cu.ESE	S.-Cu. NE	9	A.-Cu.	S.-Cu. NE
18	Calm	----	Calm	----	NE	2	N	2	NNE	2	N	1	8	A.-Cu.	S.-Cu. NE	8	A.-Cu.	Fr.-N. NNE
19	N	1	Calm	----	ENE	1	SSE	1	Calm	----	Calm	----	9	A.-Cu.	s.-cu. ENE	10	A.-Cu.	N. ENE
20	N	1	NE	1	NE	1	NE	1	NE	1	Calm	----	10	A.-Cu.	N. ESE	10	A.-Cu.	Fr.-N. SE
21	NE	1	N	1	N	1	S	1	N	1	N	1	10	A.-Cu.	Fr.-S.	8	A.-Cu. SE	Cu.-N.
22	N	1	N	1	NE	2	NE	2	NE	1	N	1	6	Ci.-S.	------------	8	Ci.-S.	S.-cf. NE
23	N	1	N	1	NE	2	NE	2	N	1	N	1	4	Ci.-S.	S.-Cu. NE	5	Ci.	Cu. NE
24	N	1	N	1	NNE	2	N	1	Calm	----	Calm	----	2	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N. E
25	Calm	----	N	1	NE	2	N	2	N	1	N	1	8	A.-Cu.	s.-cu. ENE	7	Ci.-S. SE	Cu. NE
26	Calm	----	Calm	----	NE	2	NE	2	N	1	N	1	8	A.-Cu.	S.-Cu. NE	8	A.-Cu.	S.-Cu. NE
27	N	1	N	1	NE	2	NE	2	N	1	N	1	8	A.-Cu.	Fr.-N. NE	10	A.-Cu.	N. NE
28	N	1	N	1	NE	2	ENE	3	N	1	N	1	9	A.-Cu.	N. NE	8	------------	S.-cf. NE
29	N	1	N	1	NE	3	N	3	N	1	NNW	1	6	A.-Cu.	S.-Cu. NE	8	A.-Cu.	s.-cu. NNE
30	NNW	1	NNW	1	S	1	W	2	N	1	N	1	10	Ci.-S.	S.-Cu. NE	6	Ci.-S.	s.-Cu. WNW
31	N	1	N	1	NE	2	ENE	2	N	1	N	1	3	Ci.	S.-Cu.	8	A.-Cu.	s.-cf. ENE
Mean	-------	0.9	-------	0.9	-------	1.7	-------	1.8	-------	1	-------	0.9	6.3	------------	------------	7.6	------------	------------

The correction of —0.37 mm. indicated in the introduction to the bulletin for January, 1911, is to be applied to the barometric readings of this station published in the Monthly Bulletin for the year 1910.

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 4.1 meters; gravity correction not applied, −1.80 mm.]

FEBRUARY, 1910.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.26	60.41	61.35	59.63	60.91	62.09	23.8	23.5	25.5	27.4	23.6	22.4	28.9	22.1	95	95	90	80	94	96	71
2	60.89	60.98	62.04	60.66	61.18	62.58	22.8	22.9	23.9	23.5	23.4	23.1	25.2	22.5	97	97	90	95	95	96	40.6
3	60.89	60.98	62.40	60.34	61.14	62.04	22.9	23.4	25.5	25.3	23.5	22.2	27.5	21.9	96	93	84	90	95	96	21.1
4	60.13	60.28	61.42	58.47	59.29	60.26	22.9	23.2	26.5	29.3	26.1	24	29.9	22.2	97	97	85	72	85	95	3
5	59.12	59.28	60.14	57.79	58.23	59.69	23.1	22.5	27	25.7	24.6	24	30.9	22.3	96	97	87	88	95	96	34.9
6	58.88	58.73	59.62	56.79	57.05	59.01	23.7	22.9	29	30	27	24	32.2	22.7	97	97	71	71	78	95	----
7	58.66	59.07	59.84	57.31	57.73	59.04	23.7	22.7	28.1	28.6	25.9	24.9	30.7	22.5	97	97	77	77	90	94	2.6
8	58.11	57.95	58.73	56.69	57.41	58.14	23.9	23.1	28.5	28.7	25.6	24.5	30.2	22.9	97	96	80	85	94	96	40.1
9	57.16	57.47	58.19	56.47	57.26	58.36	23.7	22.9	27.8	27.1	25.1	23.9	28.8	22.7	97	97	81	87	94	96	15.2
10	57.96	58.29	58.98	57.30	57.84	58.86	23	22.9	28.3	26.1	25.9	23.9	29.4	22.2	97	97	79	92	92	96	25.9
11	58.06	58.84	59.28	57.36	57.60	58.94	22.9	21.8	28.6	28.5	26.4	23.3	30.7	21.6	97	97	71	78	88	96	11.7
12	58.03	58.56	58.75	57.05	57.81	59.22	22.3	21.7	27.3	25	24.2	23.7	27.9	21.4	96	97	79	88	95	96	26.8
13	58.75	59.29	59.77	57.68	59.12	59.79	22.8	22.6	28	30.7	23.8	23.4	31.5	22.4	96	97	77	63	94	96	9.1
14	58.85	59.94	60.05	57.73	59.25	59.99	22.8	22.8	28.5	29.9	24.5	24.1	30.9	22.4	97	97	75	70	92	94	8.6
15	59.28	59.88	60.43	58.12	58.98	59.99	23.5	23.6	29	29.3	26.6	24.9	30.5	23.3	96	94	71	76	78	87	----
16	58.36	59.16	59.98	57.32	58.17	59.21	23.9	23.3	28.6	28.5	27.4	24.3	29.6	22.7	93	94	76	79	82	94	6.3
17	57.97	58.36	59.42	56.58	57.24	59	24	23.7	28.6	29	26.7	24.7	30.9	23.5	96	97	78	84	93	94	15.3
18	58.07	58.38	59.62	57.47	58.04	59.44	22.9	22.1	27.2	28.5	26.3	24.9	30.4	21.8	97	96	84	78	85	89	.8
19	58.33	59.05	60.53	58.90	59.47	60.48	23.8	23.6	28.5	26.8	25.3	24.6	30.3	23.4	96	96	77	79	88	91	1
20	59.85	60.63	61.54	59.87	60.45	61.09	23.7	22	28.1	27.7	24.9	24.3	30.5	21.7	95	96	77	82	91	93	2.8
21	60.15	60.84	61.39	58.87	59.60	61.34	23	22	28.8	31.4	26.1	22.8	32.2	21	96	96	68	55	75	96	----
22	60.57	60.46	61.24	58.49	58.85	60.24	20.7	19	28.7	30.5	25.7	22.8	32.6	18.8	96	96	60	62	80	96	----
23	59.67	60.22	60.79	58.26	58.98	60.24	21.6	19.5	28.8	31.7	25.8	21.7	32.2	19.3	96	96	69	50	69	87	----
24	59.33	59.47	60.82	58.92	59.05	60.03	21	21.3	26.5	28.9	24.4	23.7	29.7	20.5	92	93	76	69	85	86	----
25	59.08	59.33	60.48	58.45	58.61	59.83	22.9	22.4	27.9	28.3	26	24.7	30.4	22.1	91	90	71	70	82	88	----
26	58.62	58.99	60.14	58.17	58.29	59.67	23.6	22.4	30	30.1	27.4	24.3	32.9	22.2	94	95	67	68	78	93	----
27	58.83	59.02	59.52	57.69	57.94	59	23.2	22.9	30.4	26.7	25.2	23.8	30.8	22.4	97	97	67	83	89	94	3.3
28	57.63	58.52	59.53	57.58	57.85	59.26	22.1	21.4	28.9	28.4	26	22.4	30.1	21.2	95	96	72	77	84	94	----
Mean	58.95	59.37	60.21	58.07	58.69	59.89	23	22.4	27.9	28.3	25.5	23.8	30.3	22	95.8	95.8	76.4	76.7	87.1	93.6	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	340.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	2	N	1	NNE	2	ENE	3	N	1	N	1	10	A.-Cu.	N. NE	9	A.-Cu.	S.-Cu. ENE
2	N	1	N	1	NE	2	NE	2	NE	2	NE	1	10	A.-Cu.	N. NE	10	A.-Cu.	N. NE
3	N	2	NE	2	ENE	2	ENE	2	N	1	NE	1	9	A.-Cu.	N. NE	10	A.-Cu.	N. ENE
4	N	2	NE	2	NE	1	ENE	1	ENE	1	NE	2	9	A.-Cu.	S.-Cu. E	7	A.-Cu.	S.-Cu. E
5	N	1	N	1	NE	1	NNW	1	Calm	----	N	1	9	A.-Cu.	S.-Cu. ENE	10	A.-Cu.	Fr.-N. E
6	N	1	N	1	ESE	1	S	2	ENE	1	N	1	5	Ci.	S.-Cu.	6	Ci.	Cu. E
7	N	1	N	1	NE	2	SSE	2	Calm	----	Calm	----	6	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. ESE
8	N	1	N	1	NE	1	W	1	Calm	----	NE	1	5	Ci.-S.	S.-Cu. E	8	A.-Cu.	S.-cu. WNW
9	N	1	N	1	SE	1	S	2	Calm	----	N	1	6	Ci.-S.	S.-Cu.	9	A.-Cu.	N. E
10	N	1	N	1	SE	1	NE	1	Calm	----	N	1	9	Ci.-S.	S.-Cu. E	10	A.-Cu.	N. E
11	N	1	N	1	E	1	S	1	N	1	N	1	5	Ci.-S.	----	9	Ci.-S.	N. E
12	N	1	N	1	S	1	SW	1	Calm	----	N	1	7	Ci.-S.	S.-Cu. E	10	A.-Cu.	N. ENE
13	N	1	NE	1	S	1	ESE	2	NE	1	N	1	9	A.-Cu.	S.-Cu. ESE	8	A.-Cu. SE	Cu. ESE
14	N	1	NE	1	E	2	E	1	NE	1	NE	1	8	Ci.-S.	S.-Cu. ESE	9	A.-Cu.	S.-cf. ESE
15	N	1	NE	1	E	2	NE	1	E	1	NE	1	8	A.-Cu. SE	S.-Cu. E	7	A.-Cu.	Cu. ESE
16	Calm	----	Calm	----	SSE	1	S	2	ESE	1	NE	1	8	Ci.-S.	S.-Cu. E	9	Ci.-S.	N. ESE
17	N	1	N	1	SE	1	SW	1	NE	1	N	1	8	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu.-N. E
18	Calm	----	Calm	----	NE	1	NE	1	NE	1	NE	1	4	Ci.-S. SE	S.-Cu.	9	A.-Cu. E	S.-Cu. NE
19	N	1	NNE	1	NE	1	ENE	2	NE	1	NE	1	7	A.-Cu. E	S.-Cu. ENE	9	A.-Cu.	S.-Cu. ENE
20	N	1	N	1	S	1	SSW	2	NE	2	NE	2	5	Ci.-S. SE	S.-Cu.	7	Ci.-S.	Cu.-N. E
21	N	1	NNE	1	ENE	2	ENE	3	NE	2	N	1	4	A.-Cu. E	----	3	Ci.	Cu. ENE
22	NE	1	N	1	NE	2	W	2	NE	1	N	1	1	Ci.	----	7	----	Cu. E
23	N	1	N	1	NE	2	NE	2	NE	1	N	1	2	A. Cu.	----	6	Ci.-S.	Cu. NE
24	N	2	N	1	NE	2	NE	2	NE	1	NE	1	8	Ci.-S.	Fr.-S.	8	Ci.-S.	S.-Cu. E
25	N	1	N	2	NE	2	E	1	NE	1	N	1	4	Ci.-S. SE	S.-Cu.	8	A.-Cu. SE	S.-Cu.
26	N	1	N	1	E	2	E	2	NE	1	N	1	5	Ci.-S.	S.-Cu. E	8	Ci.-S.	S.-cf. E
27	N	1	Calm	----	ENE	2	Calm	----	Calm	----	N	1	6	Ci.-S.	S.-Cu. E	9	A.-Cu.	S.-Cu. E
28	N	1	N	1	ENE	2	S	2	NE	1	N	1	8	Ci.-S. SE	S.-Cu.	8	Ci.-S.	S.-Cu. E
Mean	----	1.1	----	1	----	1.5	----	1.6	----	0.9	----	1	6.6	----	----	8.1	----	----

CALBAYOG.

[ϕ=12° 04′ N ; λ=124° 36′ E ; barometer above sea, 4.1 meters ; gravity correction not applied, −1.80 mm.]

MARCH, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.09	58.72	59.63	58.09	57.91	58.82	21.7	20.5	29.3	27.1	26	24.7	30.5	20.3	96	96	68	87	88	90	3.3
2	57.88	57.82	58.89	56.62	57.09	58.07	23.8	23.5	25.7	27.7	25.8	22.9	29.9	22	94	95	91	84	89	93	4.8
3	56.77	57.78	58.90	57.12	57.22	58.73	21.8	21.6	29	30.2	27.3	25.1	31.5	21.4	96	97	74	73	83	92	------
4	58.07	59.09	60.32	57.44	57.98	59.68	22.6	22	28.3	29.8	26.6	24.7	31.5	21.7	96	96	72	71	85	94	8.6
5	58.55	59.27	60.60	58.28	58.13	59.68	22.7	21.3	27.8	29.2	28.1	24	29.7	21.1	97	97	76	68	73	94	------
6	59.09	59.38	60.80	58.33	59.14	60.13	21.9	21	27.5	28.8	23.1	23.1	29.7	20.8	96	97	76	72	95	96	30.5
7	58.47	58.89	59.92	57.97	58.56	59.98	22.3	22.5	26.5	26.6	24.3	22.8	28.6	22.1	96	96	86	84	93	97	3.8
8	59.01	59.17	60.50	58.22	59.07	60.54	22.6	22.6	25.8	28.5	25	23.7	28.9	21.7	97	97	92	75	90	95	12.8
9	59.36	59.71	60.85	59.11	59.99	61.35	22.7	22.5	26.7	25.5	24.3	23.9	29.6	22.3	96	96	79	90	90	91	8.5
10	60.10	60.81	61.73	59.92	60.75	62.25	22.9	22.3	29.2	30.9	26	22.7	31.8	22.1	96	96	72	53	74	94	------
11	61.06	60.99	61.73	59.57	60.03	61.74	21.4	20.8	28.6	30.6	26.9	24.3	31.5	20.6	96	97	70	62	75	91	------
12	61.04	61.14	61.78	59.69	60.11	61.19	23.7	22.7	27.7	25.3	24.1	22.6	28.7	22.2	93	94	74	86	93	94	38.1
13	60.22	60.52	61.59	59.51	60.14	61.44	22.5	22.2	27.4	28.1	26.1	23	30.7	22	94	93	72	65	75	92	------
14	60.25	60.54	61.20	59.80	60.35	60.78	22.1	21.5	27.6	26.6	24.1	22.3	30.5	21.3	94	94	68	82	88	95	12.2
15	59.90	59.69	60.14	58.37	58.31	59.01	21.9	21.8	27.2	26.9	25.4	23.6	28.5	21.3	96	96	75	75	81	94	11.4
16	57.82	57.50	57.52	54.78	54.71	55.51	23.4	22.9	23.7	23.5	23.4	23	24.3	22.5	95	97	95	95	96	96	60.1
17	53.24	54.02	55.01	53.36	54.32	56.14	23.1	23.8	24.5	24.7	24.2	22.9	26.2	22.5	96	97	96	96	95	96	89.9
18	55.21	56.54	58.21	56.40	56.62	58.57	23.5	23.6	25.5	27.7	27.3	24.2	28.6	23	96	95	84	79	79	94	1
19	58.01	58.03	58.78	56.73	57.50	59.59	23.1	22.2	27.8	30	27.6	25	30.5	22	96	97	77	69	83	93	------
20	58.76	59.42	60.54	58.44	58.97	60.29	23.5	22.5	28.7	28.8	26.8	24	30	22.3	96	97	76	79	86	94	------
21	59.69	59.78	60.48	58.03	58.53	59.93	22.8	22.1	28.5	27.8	26	24.9	30	21.9	96	96	73	84	92	92	4
22	58.87	59.41	60.33	58.84	59.32	59.80	23.4	23.2	27.4	25.3	24.8	23.3	27.8	22.4	97	97	85	92	96	94	23.4
23	58.91	59.31	60.52	58.54	58.58	60.20	22.3	21.7	28.5	27.4	26.5	24.6	29.1	21.4	96	97	79	85	88	93	2
24	59.60	60.31	61.07	59.67	59.50	61.35	22.9	21.8	28.8	24.5	26.4	24	30.3	21.6	96	97	77	90	89	94	13.5
25	61.17	61.26	61.92	59.55	60.14	62.25	22	21	30	32	27.7	24.3	32.9	20.8	96	97	70	58	71	93	1
26	61.66	61.40	62.22	60.32	60.83	61.49	22.4	23.2	29.7	30.3	25.6	23.1	33.5	22	96	97	65	70	82	94	------
27	60.59	60.11	60.78	58.67	58.77	60.34	23.9	23.5	29.9	32.2	26.8	24	32.8	22.4	93	92	68	58	78	93	------
28	59.08	59.16	60.11	57.92	58.87	59.99	23	22.9	30	31.7	25.7	24.2	33.2	21.9	97	97	67	66	88	95	5.6
29	58.67	59.14	59.72	57.64	58.54	59.47	23.8	22.5	30.6	33.2	27.1	24.3	33.6	22.3	96	96	64	59	78	93	1.5
30	58.39	58.08	58.77	57.88	58.03	59.06	22.7	22.8	30.1	26.9	26.6	25.1	30.9	22.3	97	97	69	87	86	92	1.5
31	57.59	57.96	58.93	57.63	57.82	58.93	24.5	23.7	29.3	26.2	24.8	23.9	30.7	22.8	94	95	75	85	93	94	7.7
Mean	58.87	59.19	60.11	58.14	58.58	59.88	22.8	22.3	28	28.2	25.8	23.8	30.2	21.8	95.7	96.1	76.3	76.7	85.5	93.6	------
Total	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	345.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	2	N	1	NE	1	NE	2	NE	1	N	1	7	Ci.-S. SE	S.-Cu.	9	Ci.-S.	N. E
2	N	1	N	1	Calm	----	SW	2	Calm	----	N	1	9	A.-Cu.	S.-Cu. E	7	A.-Cu.	Cu.-N. E
3	N	1	N	1	NE	1	WNW	2	NE	1	N	1	3	----------	S.-Cu. ESE	5	A.-Cu. SSE	Cu.
4	N	1	N	1	S	2	SW	2	N	1	N	1	2	Ci.	Cu.	1	----------	Cu.
5	N	1	N	1	SSE	1	S	2	N	1	N	1	2	Ci.	S.-Cu. E	3	Ci.	Cu.
6	N	1	N	2	SSE	1	SW	2	NE	1	N	1	6	Ci.-S. SE	S.-Cu.	8	A.-Cu.	S.-Cu. NE
7	N	1	Calm	----	NW	1	N	1	N	1	N	1	8	Ci.-S.	S.-Cu. E	9	Ci.-S.	S.-Cu. NE
8	N	1	N	1	NE	1	NE	1	N	1	N	1	9	Ci.-S.	N. NE	8	A.-Cu.	S.-Cu. NE
9	N	1	N	1	NE	3	NE	1	NE	1	N	1	7	A.-Cu.	S.-Cu. NE	8	A.-Cu.	N. ENE
10	N	1	N	1	NE	2	E	2	ENE	1	N	1	8	Ci.-S.	S.-Cu. NE	2	----------	Cu. ENE
11	N	1	N	1	ENE	1	NE	2	NE	1	N	1	6	Ci.-S. ESE	S.-Cu.	6	Ci.	Cu. NE
12	N	1	N	1	S	1	SSW	2	Calm	----	N	1	8	A.-Cu.	S.-Cu. ENE	9	A.-Cu.	N. NE
13	N	2	N	1	NE	2	E	2	NE	1	N	1	9	A.-Cu.	S.-Cu. ENE	8	Ci.-S. SE	S.-cf. E
14	N	1	N	1	NE	2	ESE	1	Calm	----	N	1	9	A.-Cu.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE
15	N	1	N	1	NE	2	NE	2	NE	2	N	1	9	A.-Cu.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
16	N	1	NW	1	NW	1	NNW	1	NW	2	WNW	4	10	Ci.-S.	N. N	10	A.-Cu.	N. NNW
17	W	7	WSW	7	SW	6	SW	6	swbys	7	SW	7	10	----------	N. W	10	A.-Cu.	N. SW
18	SW	5	SW	4	SW	2	SSE	1	Calm	----	Calm	----	10	A.-Cu.	N. SW	6	A.-Cu.	S.-Cu. S
19	N	1	N	1	SSE	1	S	1	Calm	----	N	1	2	Ci.	----------	4	Ci.-S. SE	Cu.
20	N	1	N	1	SSE	1	S	1	Calm	----	N	1	6	Ci.-S. SE	S.-Cu.	7	A.-Cu.	Cu.-N. E
21	N	1	N	1	S	1	SSW	1	Calm	----	N	1	7	Ci.-S. SE	S.-Cu.	8	A.-Cu.	S.-cf. E
22	N	1	N	1	N	1	Calm	----	Calm	----	N	1	9	A.-Cu.	N. E	10	A.-Cu.	N. ESE
23	N	1	N	1	S	1	NE	1	Calm	----	N	1	5	A.-Cu. ESE	S.-Cu.	8	A.-Cu.	S.-Cu. E
24	N	1	N	1	SSE	1	N	1	N	1	N	1	5	Ci.-S.	S.-Cu. E	9	A.-Cu.	N. E
25	N	1	N	1	NE	2	ENE	2	NE	2	N	1	2	Ci.	Cu.	3	----------	Cu. E
26	N	1	Calm	----	ESE	2	SW	2	SE	3	Calm	----	7	Ci.-S.	S.-Cu. E	7	Ci.-S.	S.-cf. E
27	N	1	NE	1	ENE	2	E	2	E	1	NE	1	3	Ci.-S.	S.-Cu.	3	----------	Cu. E
28	NE	1	N	1	E	2	E	2	NE	1	NE	1	6	----------	S.-Cu. E	6	----------	Fr.-Cu. E
29	N	1	N	1	E	2	ENE	2	NE	2	NE	1	1	----------	Cu.	5	----------	Cu. E
30	N	1	Calm	----	NE	2	SE	1	SE	1	N	1	1	----------	Cu.	9	A.-Cu.	Fr.-N. ENE
31	NE	1	N	1	S	1	S	1	NNW	1	N	1	5	Ci.-S.	S.-Cu.	9	A.-Cu.	N. E
Mean	-------	1.4	-------	1.2	-------	1.6	-------	1.6	-------	1.1	-------	1.2	6.2	----------	----------	7	----------	----------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 4.1 meters; gravity correction not applied, −1.80 mm.]

APRIL, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.25	58.81	59.33	57.52	58.41	59.87	22.9	23	30.4	32.3	27.6	24.4	32.9	22.2	96	96	67	57	76	93	------
2	58.98	59.43	59.78	57.61	58.03	59.82	23.2	22.4	30.7	30.7	27.8	24.8	32.7	22.2	96	96	65	72	77	93	1.3
3	58.56	58.67	59.67	58.33	58.15	59.18	24.1	24	27	25.3	23.7	23.8	29.2	23.4	96	97	84	89	95	95	14.4
4	57.67	57.78	59.09	57.04	57.15	58.65	23.6	23	28.4	28.8	26.9	24.9	30.5	22.8	96	97	82	77	83	92	.8
5	57.77	58.22	59.44	57.36	57.92	59.73	24	23.5	30.7	28.2	25	24	32.7	23.3	95	95	68	79	91	94	5.8
6	58.78	58.93	59.93	58.23	58.03	59.47	23.9	23.7	29.6	30	26.8	24.5	31.9	23.5	96	96	73	73	83	92	2.5
7	59.02	59.19	59.99	57.88	58.12	59.70	23.2	22.6	25.5	27.1	27	24.3	30.5	22.3	95	96	90	84	83	95	10.4
8	58.88	59.06	59.41	57.69	58.09	59.25	22.9	22.8	30.5	30.3	25.9	24.3	33.6	22	97	96	72	68	88	94	4.1
9	58.25	58.41	59.68	57.67	58.12	59.53	22.9	23.2	28.7	26.3	25.6	23.8	29.1	22.1	97	97	80	91	82	93	5.9
10	58.18	58.64	59.56	57.34	57.57	59.45	23	22.9	30	30	26.6	24.2	32	22.7	96	97	67	69	85	94	------
11	58.58	58.64	59.31	57.42	57.67	59.42	22.9	22.7	29.7	30.5	27	23.8	32.2	22.4	97	97	69	73	74	95	------
12	58.36	58.54	59.23	57.24	57.74	59.16	21.7	21	28.3	30	27.6	24.6	32.2	20.7	96	96	73	69	79	94	------
13	58.52	58.72	59.63	58.20	58.75	59.97	23.6	22.4	31	26.8	27.5	24.5	31.9	22.2	96	96	62	82	81	94	1.8
14	58.92	59.38	60.13	58.93	59.17	60.44	23.1	23	26.7	28.4	28	25.3	29.7	22.7	95	96	83	72	73	90	1
15	60.03	60.38	60.84	59.05	59.56	60.84	24.3	23.9	29.8	29.7	28.4	25.2	34.2	23.4	93	94	68	74	81	93	------
16	59.83	59.65	60.06	58.33	58.37	60.10	23.9	22.7	30	29.9	28.5	24.7	33	22.5	95	96	71	69	74	93	------
17	58.73	58.82	59.54	56.88	57.08	59	22.2	20.7	28.7	30.7	28.8	25.7	31.9	20.5	96	97	70	67	78	93	------
18	57.58	57.57	57.92	55.78	56.27	58.04	23.9	23.1	29.7	31.3	28.3	24	32.9	22.5	95	96	66	62	72	94	------
19	56.76	56.62	57.72	56.17	56.09	58.09	22.6	21.4	28.5	30.7	27.8	24.7	32.2	21.2	96	96	73	63	80	94	------
20	56.77	57.58	58.06	55.58	56.28	57.89	23	22.8	31.4	31.9	28.3	23.9	33.1	22.6	96	97	63	61	73	94	------
21	57.06	57.26	57.73	55.52	55.89	57.38	22.6	22.7	31.3	29	27.8	25	33.6	21.7	97	97	62	76	78	93	4.3
22	55.92	56.36	57.71	55.36	55.87	56.82	24.6	24.2	24.7	26.6	24.6	23.9	26.8	23.6	94	94	97	87	93	97	22.9
23	55.46	56.10	57.15	55.14	56.28	57.59	23.8	23.4	28.8	30.4	27	25.4	30.7	23.1	97	97	74	73	87	92	2.5
24	56.85	57.32	58.59	57.34	58.28	59.60	24.9	25	29.7	29.8	28.2	25.6	30.7	24.5	92	90	75	75	80	92	------
25	58.85	59.22	59.86	57.91	58.38	60.09	24.2	23.5	29.9	30.2	28.5	26.5	31.9	23.1	94	96	71	75	82	90	------
26	59.44	59.83	59.82	58.39	58.60	60.22	24.1	23.4	30.5	30.7	25.9	24.9	33.5	23.1	95	97	69	70	90	93	2
27	59.38	59.43	59.86	58.12	57.93	59.94	23.7	22.7	32.2	31.2	28.1	25.4	33.6	22.5	96	97	67	68	82	88	------
28	59.16	59.70	60.62	58.44	58.89	60.05	24	23.7	27.5	29.8	24.7	23.5	30.5	23.2	94	95	79	70	94	95	3.6
29	59.36	59.52	59.94	59.04	59.04	60.73	22.7	22.1	29.4	26.3	24.3	22.9	31.2	21.9	97	97	73	82	94	95	13.2
30	59.85	59.54	60.08	58.59	58.33	59.96	22.1	22.2	30.4	28.3	26.7	24.1	32.7	21.9	96	97	70	68	89	94	9.9
Mean	58.32	58.58	59.32	57.47	57.80	59.33	23.4	22.9	29.3	29.4	27	24.6	31.8	22.5	95.6	96	72.8	73.2	82.6	93.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	106.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	1	NE	1	E	2	ENE	2	NE	1	NE	1	2	Ci.	S.-Cu.	6	Ci.-S.	Cu. E
2	NE	1	Calm	----	ENE	1	SW	2	NE	1	N	1	6	Ci.-S. SE	Cu.	7	Ci.	Cu. ENE
3	N	1	N	1	NE	1	NE	1	NE	1	NNE	2	7	A.-Cu. ESE	S.-Cu.	10	A.-Cu.	N. ENE
4	N	1	NNE	1	NE	1	E	1	NE	1	N	1	8	A.-Cu. SE	S.-Cu.	9	A.-Cu.	S.-Cu. ESE
5	NNE	1	NE	1	NE	2	SW	2	NE	1	N	1	6	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E
6	N	1	N	1	NE	2	ENE	2	NE	1	NE	1	9	A.-Cu.	S.-Cu. E	8	A.-Cu.	Cu.-N. ENE
7	N	1	N	1	SE	2	ENE	2	Calm	----	N	1	6	Ci.	S.-Cu. E	9	Ci.-S.	N. ENE
8	N	1	Calm	----	NE	2	SE	2	Calm	----	N	1	9	A.-Cu.	Fr.-N. NE	8	Ci.-S.	S.-cf. NE
9	NNW	1	N	1	NE	1	NNW	1	NE	2	N	1	9	A.-Cu.	S.-Cu. NE	9	A.-Cu.	Fr.-N. NE
10	N	1	N	1	SE	1	S	2	S	2	N	1	4	A.-Cu. E	Cu.	6	------------	Cu. E
11	NE	1	NE	1	E	1	SW	2	N	1	N	1	0	------------	Cu.	8	Ci.	Cu. E
12	N	1	N	1	SSW	1	W	2	N	1	N	1	0	------------	Cu.	4	------------	Cu. NE
13	N	1	N	1	NE	1	NNW	1	NE	1	N	1	2	Ci.	S.-Cu.	8	A.-Cu.	S.-Cu. ENE
14	N	1	N	1	SSE	1	SSW	1	NE	1	N	1	4	A.-Cu. E	S.-Cu.	7	A.-Cu. SE	S.-Cu.
15	N	1	N	1	ESE	1	SW	2	Calm	----	N	1	8	A.-Cu.	S.-Cu. E	8	A.-Cu.	Cu. E
16	N	1	N	1	E	1	SW	2	NE	1	N	1	2	Ci.	S.-Cu.	7	------------	Cu. ENE
17	N	1	N	1	S	1	SW	2	NE	1	N	1	0	Ci.	------------	3	Ci.	Cu.
18	NNW	1	N	1	NE	1	SW	2	NNW	1	NNW	1	7	Ci.	S.-Cu. N	4	------------	Cu. NE
19	NNW	1	N	1	S	1	SW	2	Calm	----	N	1	9	Ci.-S.	S.-Cu.	6	Ci.	Cu. NE
20	N	1	N	1	NNE	1	WNW	1	NNW	1	N	1	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. NE
21	N	1	N	1	N	1	WSW	2	Calm	----	N	1	8	Ci.-S. SE	------------	8	A.-Cu.	S.-cf. NE
22	N	1	N	1	Calm	----	NE	1	N	1	N	1	10	A.-Cu.	Fr.-N. NE	10	A.-Cu.	S.-Cu. NE
23	N	1	Calm	----	S	1	SW	2	Calm	----	SSE	1	6	A.-Cu. SSE	S.-Cu.	8	A.-Cu. S	S.-Cu. SE
24	S	1	S	1	SSE	2	S	2	SW	1	NE	1	10	A.-Cu.	S.-Cu. SSE	8	Ci.-S.	S.-Cu. SSE
25	Calm	----	NE	1	S	1	S	2	NE	1	Calm	----	3	Ci.	Cu.	6	Ci.-S. N	Cu.
26	N	1	NE	1	SE	1	NW	1	Calm	----	Calm	----	7	------------	S.-Cu. E	7	A.-Cu.	Cu.-N. E
27	N	1	N	1	NE	1	W	2	Calm	----	N	1	2	Ci.	Cu.	6	Ci.	Cu. E
28	N	1	N	1	NE	1	S	1	NE	1	N	1	7	A.-Cu. E	S.-Cu.	8	Ci.-S.	Cu.-N. SE
29	N	1	N	1	S	1	S	2	Calm	----	N	1	0	------------	Cu.	7	Ci.-S.	Cu.-N. E
30	N	1	N	1	NE	1	SSW	1	N	1	N	1	4	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. ENE
Mean	-------	1	-------	0.9	-------	1.2	-------	1.7	-------	0.8	-------	1	5.4	------------	------------	7.2	------------	------------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.80 mm.]

MAY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.92	59.24	60.01	57.42	58.04	59.05	23.3	23	30.7	30	24.9	24.2	32.9	22.6	95	96	69	71	92	94	17.8
2	58.20	58.15	58.77	56.63	57.33	58.79	23.2	23.2	30	28.2	26.9	24.4	32.1	22.9	97	97	71	76	84	95	5.3
3	57.88	57.78	58.64	56.72	56.98	58.79	23	22.4	29.1	28.4	27.1	24.4	30.9	22.2	97	97	76	75	88	95	1
4	57.91	58.02	58.39	56.30	56.57	58.44	23.1	22.7	29.8	27.7	27.3	24	31.7	22.3	97	97	76	84	78	96	24.9
5	57.62	57.33	57.55	55.33	55.92	56.80	22.9	22.6	30	29.4	27.8	24.9	31.7	22.3	97	97	71	73	79	92	2.6
6	56.16	55.27	56.43	54.89	55.59	56.48	25.6	25.7	29	28.3	26.1	25.7	29.7	23.9	90	88	80	77	92	93	11.4
7	56	56.06	57.44	55.43	55.63	57.18	25.9	26.6	29.9	31	29.3	25.8	31.7	24.8	92	88	75	69	74	93	1
8	55.99	56	57.46	55.41	55.53	57.21	25.5	27.3	30.5	31.5	29.4	24.9	32.7	24.7	93	81	70	65	70	94	------
9	56.84	56.90	57.29	55.11	55.46	57.39	23.9	23.5	29.5	31.4	28.2	25.7	32.3	23.2	96	96	76	70	81	93	------
10	56.82	57	57.59	55.37	56.16	57.77	24.2	23.8	30.1	31.6	25.5	25	32.1	23.6	95	96	72	64	87	90	------
11	57.13	57.94	58.88	56.87	56.87	57.90	23.9	23	30.2	28.6	27.8	25.2	31.5	22.8	97	97	68	75	81	94	------
12	57.67	57.94	58.39	56.82	56.89	58.78	23.4	23	29.7	31.4	28.1	25.5	32.7	22.7	97	97	71	65	84	94	3
13	57.71	58.07	58.13	55.96	56.07	58.05	23.9	22.7	29	31	29	24.9	32.4	22.3	96	97	74	71	74	95	------
14	57.43	57.34	57.93	55.92	56.21	58.19	23.1	22.7	31.3	30.5	27.5	24.5	32.7	22.4	97	97	64	77	78	95	------
15	57.22	57.78	58.40	56.69	57.09	58.72	23.4	22.3	28.8	32.2	28.5	24.5	32.9	21.9	96	95	77	69	75	95	------
16	57.35	58.26	59.26	57.26	57.91	58.87	23	22.4	29.1	30.7	29.6	25.7	31.7	22.1	96	96	75	63	69	92	------
17	57.86	58.82	59.25	57.32	57.29	58.94	25.2	25.1	25	30.8	28.9	25.1	31.7	24.1	94	94	94	70	76	94	31
18	57.83	58.53	59.09	57.77	58.33	59.75	23.9	23.6	30.1	31.1	28.5	25.1	32.2	23.3	97	97	73	69	82	95	------
19	58.93	58.99	59.79	57.58	58.57	60.12	23.7	23.4	29.7	31.7	27	24.9	32.6	23.2	96	97	74	64	79	94	------
20	59.75	59.71	60.67	59.14	59.73	60.94	24	23.5	29.9	28.9	25.6	24.2	31.7	22.9	95	96	73	75	87	96	------
21	60.56	59.97	60.23	58.18	58.76	60.23	23.2	22.7	30.7	32	25.5	24.3	32.7	22.4	96	97	67	67	92	93	2.3
22	58.90	59.48	60.06	58.11	57.62	59.40	23.2	23	29.6	31.2	27.5	24.5	31.8	22.6	95	95	74	65	81	95	------
23	58.68	57.84	58.79	56.60	57.08	58.63	23.4	23.1	30.5	31.5	26.9	24.9	32.5	22.6	96	97	70	67	83	94	15.2
24	57.76	57.43	57.98	56.02	57.40	58.96	23.9	23.7	28.5	30.5	26	24	31.2	23.4	96	97	82	70	82	95	38.1
25	57.88	58.17	58.60	57.08	57.84	58.50	23.9	24.9	29.3	30.8	29.1	27.9	31.6	23.3	95	97	76	71	76	79	8.1
26	57.98	58.07	58.86	57.01	57.17	58.17	27.9	27.8	30.7	30.7	28.7	28.3	32.2	25.4	79	78	69	70	78	79	------
27	57.12	56.81	57.97	56.29	56.17	57.96	27.1	25.9	31	31.9	29.8	25.4	34.2	25	86	93	69	65	68	94	4.3
28	57.65	57.84	57.51	56.11	56.91	59.02	24.9	25.3	30.3	31.7	29.7	26	32.9	24.4	96	95	76	68	73	93	------
29	58.70	58.84	59.14	57.63	58.31	59.52	24.9	24.7	29.9	30.7	29.4	26.7	31.5	24.4	96	97	75	70	77	94	------
30	58.65	59.02	59.60	57.84	58.58	59.40	25	24.4	30	28.1	27.8	25.3	31.7	24.1	96	97	71	85	88	94	7.1
31	58.76	58.53	58.88	57.08	57.22	59	24.7	24.2	26.9	29.2	27.2	25.1	29.7	24	95	96	87	77	90	94	.5
Mean	57.83	57.97	58.61	56.71	57.14	58.61	24.2	23.9	29.6	30.4	27.8	25.2	32	23.3	94.7	94.7	74	70.9	80.6	93	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	173.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	ESE	1	SW	2	NE	1	N	1	3	Ci.	S.-Cu.	6	A.-Cu.	Cu.-N. E
2	N	1	N	1	NE	2	W	1	Calm	----	N	1	5	A.-Cu.	S.-Cu. ENE	8	Ci.-S.	N. ENE
3	N	1	N	1	SSW	1	NNE	1	NE	1	N	1	2	Ci.	Cu.	8	Ci.-S.	S.-Cu. NE
4	N	1	N	1	NE	1	Calm	----	N	2	N	1	7	Ci.-S.	S.-Cu.	8	Ci.-S.	N. NE
5	N	1	N	1	N	2	N	2	Calm	----	N	1	9	Ci.-S.	S.-Cu. NNE	8	Ci.-S.	S.-Cu. N
6	NW	1	WNW	2	W	3	WSW	3	Calm	----	W	2	8	Ci.-S.	s.-cu. WNW	8	A.-Cu.	S.-Cu. W
7	SW	2	SSW	1	S	1	SSW	2	SW	1	NW	1	8	Ci.-S.	S.-Cu. SW	6	Ci.	Cu.
8	NW	1	SW	2	SSW	2	SSW	2	Calm	----	N	1	2	Ci.	S.-Cu.	2	Ci.	Cu.
9	N	1	N	1	S	1	SW	2	Calm	----	N	1	5	Ci.-S.	Cu.	2	----------	Cu.
10	N	1	N	1	SW	2	W	2	N	1	NE	1	5	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N. SE
11	N	1	N	1	SW	1	NW	2	N	1	N	1	6	Ci. NE	Cu.	6	A.-Cu.	Cu.-N.
12	N	1	N	1	S	1	SW	1	NE	1	N	1	4	Ci.	Cu.	5	Ci.	Cu. ENE
13	N	1	N	1	S	1	W	2	NE	1	N	1	6	Ci. N	----------	5	Ci.	Cu. NE
14	N	1	N	1	NE	2	W	2	Calm	----	Calm	----	3	Ci.	----------	6	----------	Cu. NE
15	N	1	Calm	----	SSW	1	W	2	Calm	----	Calm	----	6	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. N
16	N	1	N	1	S	1	WSW	2	WSW	2	NW	1	6	ci.-s. SEbyE	S.-Cu.	7	ci.-s. Ebys	S.-Cu.
17	NNW	1	Calm	----	Calm	----	W	2	Calm	----	N	1	7	Ci.-S.	S.-Cu. W	8	Ci.-S.	Cu.
18	N	1	NNW	1	S	1	W	2	Calm	----	N	1	6	Ci.-S.	S.-Cu. W	6	Ci.-S.	Cu. W
19	N	1	N	1	S	1	SW	2	N	1	N	1	6	Ci.	Cu.-N.	3	Ci.-S.	Cu.
20	N	1	NNW	1	S	1	NE	1	N	1	N	1	7	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu.-N.
21	N	1	N	1	SE	2	SW	2	NE	1	N	1	2	Ci.	Cu.	5	Ci.-S.	Cu.-N. E
22	N	1	N	1	S	1	SW	1	Calm	----	N	1	3	Ci. NE	Cu.	7	Ci.-S.	Cu.-N.
23	N	1	N	1	SSE	2	SW	2	Calm	----	N	1	5	Ci. NE	S.-Cu.	5	Ci.-S.	Cu.
24	NW	1	Calm	----	SSE	1	SW	1	Calm	----	N	1	9	A.-Cu.	N. SW	7	Ci.-S. NE	Cu.
25	NNW	1	SE	1	SSE	2	SW	2	WNW	1	SW	2	10	Ci.-S.	N. S	7	Ci.-S. N	Cu.
26	SW	2	SW	2	SSW	2	SW	2	SW	2	SW	2	9	Ci.-S.	S.-Cu. SW	8	Ci.-S.	s.-cu. SSW
27	SW	2	SSW	1	SW	2	WSW	2	SW	2	N	1	4	Ci.	S.-Cu. ssw	2	----------	Cu.
28	NNW	1	Calm	----	WSW	2	SW	1	Calm	----	NNW	1	7	Ci.-S.	Cu.-N. W	7	Ci.-S. NE	Cu.
29	NNW	1	Calm	----	SSE	2	S	2	Calm	----	N	1	7	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
30	NNW	1	N	1	SE	2	ENE	1	Calm	----	N	1	7	Ci.-S. NE	Cu.	9	A.-Cu.	S.-Cu. E
31	N	1	N	1	Calm	----	SE	1	Calm	----	Calm	----	10	----------	S.	10	Ci.-S.	S.-Cu.
Mean	-------	1.1	-------	0.9	-------	1.4	-------	1.7	-------	0.6	-------	1	5.9	----------	----------	6.4	----------	----------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.80 mm.]

JUNE, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.22	58.46	58.76	57.09	57.26	59.31	23.8	23.7	30.7	29.3	29.2	25.7	32.5	23.5	97	97	70	81	81	94	----
2	58.10	58.45	58.56	56.68	56.85	58.89	24	23.2	30.2	27.6	27.6	25.2	31.5	22.8	96	96	74	86	88	94	4.8
3	57.92	58.08	58.29	56.33	56.74	58.24	24	23.7	30	31	25.9	24.8	31.6	23.4	96	97	73	69	93	95	2
4	57.82	57.31	57.53	55.99	56.09	57.91	24	23.9	30.4	30.3	27.6	24.6	32.2	23.6	97	96	72	76	77	94	----
5	57.80	58.15	58.74	57.04	57.92	59.09	24	23.8	30.8	31.5	27	23.6	32.5	23.4	96	97	71	72	90	95	9.7
6	58.63	59.71	59.42	57.58	58.36	59.69	22.2	23	31.5	31.8	29	26.1	33.6	21.9	97	97	65	68	83	92	----
7	59.02	59.45	59.26	57.56	57.99	59.95	24.2	23.7	30.1	31.8	27.6	24.7	32.6	23.2	96	97	70	64	88	94	28.7
8	59.35	58.87	59.54	58.04	57.94	59.45	24.1	23.9	29	28.8	27.1	24.8	30.3	23.6	96	96	77	76	85	94	----
9	58.83	59.35	59.26	57.28	57.97	59.68	24	24.2	30.5	31.5	28.7	24.9	32.2	23.8	97	96	68	60	75	94	----
10	58.91	59.49	59.93	58.21	58.02	60.10	23.1	23	32.2	30.6	29.5	24.9	32.9	21.8	96	96	60	74	77	95	----
11	59.92	60.08	60.21	59.29	59.93	61.19	24.4	24.2	30.9	24.8	24.9	24.1	32.7	23.3	95	95	67	96	94	96	15.7
12	60.21	60.41	60.08	58.55	58.89	60.60	23.2	23	30.9	31.7	29	26	32.9	22.6	96	96	69	65	72	92	----
13	59.64	58.98	58.96	57.43	57.68	59.24	24.1	23.8	29.5	29.3	26.9	25	31.7	23.5	96	96	72	80	89	95	----
14	58.72	59.13	59.47	58.70	57.99	59.45	23.8	23.4	31.3	24.8	28	24.1	32	23.1	96	97	68	90	82	94	3.6
15	59.07	59.08	59.13	57.74	57.90	59.24	23.2	22.9	31.8	28.5	26.3	24.9	32.2	22.6	96	97	65	87	90	94	2.3
16	58.31	58.43	58.48	57.21	57.68	59.16	23.8	23.4	30.9	31.9	26.4	25.3	32.4	22.6	97	97	71	68	90	95	7.9
17	58.03	58.83	58.98	57.58	57.95	58.85	23.9	23.1	30.7	27	26.8	24.7	32.4	22.7	96	97	68	83	86	95	.5
18	57.93	57.83	58.30	57.61	57.67	58.83	23.2	22.9	29	25	24.7	24.4	30.5	22.6	96	97	76	93	94	95	27.4
19	57.81	58.43	58.79	57.49	57.53	59.45	23.9	24.6	29.3	25.9	27.3	24.7	30.4	23.5	97	97	74	93	85	95	26.4
20	58.58	58.22	58.45	57.03	57.36	58.80	23.2	23	28.2	26.4	26	24.8	30.4	22.7	97	97	79	85	92	95	----
21	57.96	58.41	58.43	56.84	57.48	59.02	23.8	23	28.6	27.6	27	24.9	30.7	22.6	96	97	73	89	90	95	6.4
22	58.32	58.78	58.52	57.05	57.17	58.10	23.8	23.9	29.2	26.7	25.6	24.9	30.7	23.1	96	97	78	89	93	94	3.3
23	57	56.87	57.71	56.17	56.29	57.90	24.1	23.9	28.5	26.8	25.7	24.7	30.4	23.7	96	97	85	88	92	95	14.7
24	56.92	56.74	57.22	55.47	55.99	58.11	23.7	23.3	29	32.5	28	25.8	33	23.1	96	97	80	63	82	92	2.3
25	56.92	56.91	57.22	55.79	56.33	57.95	24	23.3	29.2	29.4	28.2	26	31.9	23.1	96	96	78	81	80	94	8.9
26	56.97	57.32	57.75	56.75	57.31	58.52	25.4	24.9	27.9	27.1	26.6	24.8	30.6	24.3	95	95	79	86	89	94	5.6
27	58.06	57.82	58.35	57.08	56.84	58.65	23.9	23	29.4	28.8	26	24.7	31	22.8	97	97	76	72	89	95	----
28	58.21	58.17	58.38	56.96	57.39	59.25	23.5	23.2	29.3	30.4	27.2	24.1	30.9	22.9	96	97	72	66	87	95	2
29	58.71	58.21	58.74	57.57	57.49	58.50	22.9	22.7	28.8	27.4	25.5	24	31.1	22.2	97	97	71	85	89	95	----
30	58.41	58.24	58.60	56.89	57.19	58.48	23.3	23	29.4	30.1	28.2	26	30.8	22.7	96	96	72	64	83	92	----
Mean	58.34	58.47	58.70	57.23	57.51	59.05	23.8	23.5	29.9	28.9	27.1	24.9	31.7	23	96.2	96.6	72.4	78.3	86.2	94.3	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	172.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	SE	2	N	1	Calm	----	N	1	2	Ci.	Cu.	7	Ci.-S. NE	Cu.-N.
2	N	1	N	1	SSE	1	Calm	----	Calm	----	Calm	----	0	----	S.-Cu.	7	Ci.-S.	Cu.-N. E
3	N	1	N	1	SE	1	SSE	1	N	1	Calm	----	6	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu. E
4	N	1	Calm	----	ESE	1	SW	1	Calm	----	N	1	7	Ci.-S.	S.-Cu.	6	Ci.-S. NE	S.-cf. E
5	N	1	N	1	SSE	1	SW	2	Calm	----	N	1	3	----	S.-Cu. E	5	A.-Cu.	Cu. E
6	N	1	N	1	NE	1	SW	2	Calm	----	N	1	1	----	S.-Cu.	5	Ci.-S.	Cu. E
7	N	1	N	1	S	1	SW	2	Calm	----	N	1	6	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. E
8	NNW	1	NNW	1	E	1	E	1	Calm	----	Calm	----	10	----	S.	9	Ci.-S.	S.-Cu.
9	N	1	N	1	SSE	2	S	2	N	1	Calm	----	5	A.-Cu.	S.-Cu. ESE	7	Ci.-S.	Cu. ESE
10	N	1	N	1	ESE	2	SW	2	Calm	----	N	1	1	----	Cu.	7	----	Cu. E
11	N	1	N	1	SSE	2	NE	1	Calm	----	N	1	1	----	S.-Cu.	10	----	Fr.-N.
12	N	1	N	1	E	2	SW	2	NE	1	N	1	5	A.-Cu. S	S.-Cu.	6	----	Cu. E
13	N	1	N	1	ESE	1	Calm	----	Calm	----	N	1	6	Ci.-S.	S.-Cu. E	8	Ci.-S.	S.-Cu. E
14	N	1	N	1	SSE	1	NE	1	ESE	1	N	1	1	----	S.-Cu.	10	----	Fr.-N.
15	N	1	N	1	E	1	Calm	----	NE	1	N	1	1	----	S.-Cu.	8	Ci.-S.	Cu.-N. E
16	N	1	N	1	ESE	1	NE	1	NE	1	N	1	5	Ci.	S.-Cu.	6	Ci.-S.	Cu. ESE
17	N	1	N	1	S	1	SSE	2	E	1	N	1	5	Ci.-S. S	Cu.	9	Ci.-S.	Fr.-N. ESE
18	N	1	N	1	SW	1	Calm	----	Calm	----	N	1	5	Ci.-S. S	Cu.	10	Ci.-S.	N. E
19	N	1	N	1	SW	2	NE	1	Calm	----	NW	1	7	A.-Cu. SE	S.-Cu.	10	A.-Cu.	S.-Cu.
20	NW	1	NNW	1	S	1	NE	1	Calm	----	N	1	8	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu. E
21	N	1	N	1	SSE	1	NE	1	Calm	----	N	1	6	Ci.-S.	Cu.-N.	9	Ci.-S.	N. E
22	N	1	N	1	ESE	1	Calm	----	Calm	----	N	1	7	Ci.-S.	S.-Cu. E	10	----	N. E
23	N	1	N	1	Calm	----	SSE	1	Calm	----	N	1	10	A.-Cu.	Fr.-N. ENE	10	A.-Cu.	N. ESE
24	N	1	N	1	SSE	1	WNW	1	Calm	----	SW	2	7	A.-Cu.	S.-Cu.	6	Ci.-S.	Cu.-N.
25	N	1	N	1	SW	1	ENE	1	W	1	N	1	3	Ci.-S.	Cu.	7	Ci.-S.	S.-cf. WNW
26	SW	2	W	1	SW	1	WNW	1	Calm	----	Calm	----	9	A.-Cu.	N. W	9	A.-Cu.	S.-Cu.
27	Calm	----	Calm	----	S	2	S	2	Calm	----	N	1	6	Ci.-S.	S.-Cu.	10	A.-Cu.	N. SE
28	N	1	N	1	S	1	SW	2	Calm	----	N	1	6	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
29	N	1	N	1	S	1	ENE	1	Calm	----	N	1	6	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu. E
30	N	1	N	1	S	1	S	1	Caim	----	N	1	8	A.-Cu.	S.-Cu.	8	A.-Cu.	S.-Cu. E
Mean	----	1	----	0.9	----	1.2	----	1.1	----	0.3	----	0.9	5.1	----	----	7.8	----	----

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.80 mm.]

JULY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.66	57.66	57.81	56.47	57.46	58.45	23.9	23.3	26.7	28.4	24.3	24	29.5	23.1	97	97	83	80	96	96	48
2	57.76	57.51	58.35	57.29	57.58	59.38	24.2	23.5	29.4	29	26.8	23.9	31.4	23.2	94	96	76	76	86	96	30.5
3	58.07	58.36	58.33	57.36	57.59	59.28	23	22.5	27.8	30.5	28.8	26.2	30.9	22.3	97	97	81	66	73	94	1
4	58.36	57.95	58.17	57.06	58.20	60.10	24.7	23.5	29.3	29.7	27.1	25.1	31.1	23.3	95	96	73	70	87	95	------
5	59.37	59.75	60.46	59.11	59.37	61.30	23.9	23.2	30.1	29.7	29.6	24.8	32.1	22.9	96	97	73	72	70	95	------
6	60.49	60.83	61.31	59.11	59.47	61.27	23.6	23	29.9	31.7	26	24.8	32.6	22.7	96	96	73	63	90	94	3.6
7	60.93	60.37	60.49	59.10	59.62	61.15	23.6	22.7	29.3	28.4	25.9	24.1	30.5	22.3	96	97	73	87	92	95	1
8	60.64	60.08	60.09	58.54	58.94	59.99	23.5	23.2	29.2	30.4	28.6	26.8	32.2	22.9	96	96	73	68	75	86	------
9	58.99	58.91	59.01	57.74	57.86	59.85	24.8	24.3	30.8	32.7	29.8	24.9	34	23.3	93	95	65	62	67	94	------
10	59.47	58.94	58.92	57.67	57.91	58.66	23.8	23.5	31.3	31	29	25	32.6	23	96	96	68	63	74	93	------
11	58.24	58.31	58.81	56.98	57.72	59.29	24.7	24.6	29.5	27.5	25.8	24.9	32.8	23.8	95	94	76	74	93	93	6.4
12	58.06	58.01	58.11	56.83	56.98	57.87	23.9	23.5	27	29.8	25.7	23.9	30.9	23.2	94	94	83	73	88	96	30.5
13	57.25	57.32	56.81	55.56	55.68	56.77	23.6	22.7	27.4	27.1	26.4	25.7	29.3	22.5	96	97	85	88	86	89	7.6
14	55.21	55.43	55.56	54.04	54.73	56.15	23.9	23.9	29.7	29.6	26.6	26.7	31.3	23.1	96	97	74	72	81	81	36.4
15	55.13	56.42	57.43	55.55	56.21	57.02	24.5	23	24.8	26.9	26.2	27.5	28	22.7	94	96	93	81	90	81	10.7
16	56.22	57.33	57.76	56.12	56.79	58.05	27.6	27.6	29.7	30.9	28.9	25.7	31.7	25.3	81	80	71	69	75	92	------
17	57.66	57.92	58.59	57.41	57.94	59.20	25.5	23.7	30.1	31.2	29	25.2	31.5	23.4	92	94	71	65	75	93	------
18	59	58.94	59.49	57.66	57.50	58.91	23.8	23.3	30.5	31.5	27	23.9	31.9	22.8	96	95	66	65	84	94	------
19	57.66	57.59	57.73	56.92	56.83	57.81	22.7	22.6	29.5	27.2	26.1	24.9	32.5	22.2	95	95	70	83	86	94	5.3
20	57.02	57.67	57.81	56.56	57.44	59.71	23.5	23.2	29.9	31.2	27	24.7	32.1	22.7	95	96	71	65	87	95	------
21	58.98	59.59	59.36	58.70	58.58	60.34	23.3	23.3	29.6	26.5	27.6	25.7	32.6	22.5	96	97	72	88	84	93	13.5
22	59.64	58.95	58.84	57.55	57.98	59.12	24.6	24.2	28.8	26.5	26.9	25.6	29.9	23.9	94	96	80	89	90	93	3.6
23	58	57.28	57.34	55.79	55.78	56.95	24.3	23.5	29.7	28.7	27.7	24.8	31	23.2	96	96	75	75	85	94	7.6
24	56.31	55.82	56.53	55.05	55.54	56.90	24.4	23.2	29.9	31.7	26.5	25.1	32.9	22.8	95	96	73	66	88	95	------
25	56.17	55.88	56.69	55.98	56.10	57.72	23.8	23.3	29.5	28.4	26.8	24.1	31.5	22.9	96	97	76	79	87	95	10.7
26	57.16	57.19	57.67	56.32	57.51	58.17	22.9	22.2	29.3	31.3	25.2	23.4	32.1	21.8	96	96	74	66	88	95	1
27	57.99	58.47	58.40	56.69	56.81	58.01	22	21.8	29.5	31.2	29.2	25.3	31.9	21.5	96	96	75	63	74	94	------
28	57.47	57.42	57.41	56.06	56.26	57.87	24.4	24	29.9	30.9	29.6	26.7	33.5	23.7	95	96	75	71	73	87	------
29	56.99	56.79	57.04	55.65	55.86	57.47	25.3	27.7	30.8	31.1	29.7	28.7	32.4	24.6	93	82	69	69	75	78	------
30	56.98	56.89	57.84	56.97	57.07	58.84	28	28.3	31.9	31.4	29.5	25.3	33.2	25	78	77	66	67	72	93	------
31	58.03	58.59	59.26	57.09	57.67	59.27	24.2	26.7	32.2	32.3	29.6	25.9	33.9	23.9	94	80	66	64	73	92	------
Mean	57.96	58.01	58.30	56.93	57.32	58.74	24.2	23.8	29.5	29.8	27.5	25.3	31.7	23.1	94.2	93.9	74.2	72.2	82.1	92.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	217.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	SW	1	W	2	Calm	----	N	1	6	Ci.-S.	S.-Cu. S	10	A.-Cu.	N. WNW
2	WNW	1	NNW	1	W	2	WSW	2	Calm	----	WNW	1	9	A.-Cu.	S.-Cu. W	9	A.-Cu.	S.-Cu. W
3	NW	1	NW	1	SW	2	SW	2	SW	2	NNW	1	10	A.-Cu.	S.-Cu. W	6	Ci.-S.	S.-cf. WNW
4	N	1	N	1	SSE	2	SW	1	SW	1	Calm	----	5	Ci. NE	S.-Cu.	6	Ci.-S.	Cu.-N.
5	N	1	N	1	SSE	1	S	2	ESE	1	N	1	2	Ci.	Cu.	8	A.-Cu.	S.-Cu. SSW
6	N	1	N	1	SSW	1	SW	1	NE	1	N	1	1	------	Cu.	3	Ci.-S.	Cu.
7	N	1	N	1	SW	1	NE	1	Calm	----	N	1	5	Ci.-S. SE	S.-Cu.	8	Ci.-S.	S.-Cu. E
8	N	1	N	1	SW	1	SW	2	W	1	SW	2	7	A.-Cu. SE	S.-Cu.	6	Ci.-S.	Cu. SW
9	SW	1	NW	1	SW	1	SW	2	Calm	----	N	1	7	Ci.-S.	S.-Cu. SW	3	------	Cu. SW
10	N	1	N	1	SW	1	SW	2	SW	2	N	1	5	Ci.-S.	S.-Cu. W	7	Ci.-S.	S.-cf. W
11	Calm	----	Calm	----	SW	2	SW	3	NNW	1	NNW	1	7	A.-Cu. NNW	S.-Cu. W	9	A.-S.	S.-Cu. W
12	NW	1	NW	1	W	1	SW	1	Calm	----	N	1	10	A.-Cu.	Fr.-N. WNW	6	Ci.	S.-cf. W
13	Calm	----	Calm	----	W	2	W	1	WNW	1	Calm	----	10	A.-Cu.	S.-Cu.	10	Ci.-S.	N. W
14	NW	1	NW	1	W	3	WSW	3	WSW	3	SW	2	10	A.-Cu.	S.-Cu. W	8	Ci.-S.	S.-Cu.
15	WNW	1	WNW	1	SSE	1	SW	1	Calm	----	SW	2	10	------	N. W	10	Ci.-S.	S.-Cu. WSW
16	SW	2	SW	3	SW	3	SW	3	WSW	1	Calm	----	9	A.-Cu.	S.-Cu. SW	7	Ci.	S.-cf. SW
17	Calm	----	Calm	----	S	1	S	1	Calm	----	NW	1	7	Ci.-S.	S.-Cu. SW	6	Ci.	Cu.
18	NNW	1	N	1	SSE	1	SW	2	N	1	N	1	7	Ci.-S.	------	6	Ci.-S.	Cu.-N. E
19	N	1	NNW	1	S	1	ENE	1	Calm	----	Calm	----	2	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N.
20	N	1	N	1	S	1	SSW	1	ENE	1	N	1	3	Ci.-S.	S.-Cu. E	6	Ci.-S.	Cu.-N.
21	N	1	N	1	S	1	NW	1	NE	1	NE	1	0	------	Cu.	7	A.-Cu.	Cu.-N. E
22	N	1	N	1	S	1	Calm	----	Calm	----	N	1	8	Ci.-S. SE	S.-Cu.	10	Ci.-S.	N. E
23	N	1	N	1	S	1	SSW	1	Calm	----	NNW	1	3	------	S.-Cu. NE	7	Ci.-S.	Cu.N. NNE
24	NNW	1	NW	1	SW	1	SW	2	Calm	----	Calm	----	3	Ci. ESE	Cu.	3	Ci.	Cu.
25	N	1	N	1	SW	1	SE	1	Calm	----	Calm	----	1	------	Cu.	8	Ci.-S.	N. NE
26	N	1	N	1	S	1	SW	2	ENE	1	N	1	2	Ci.	Cu.	6	Ci. ESE	Cu.
27	N	1	N	1	SW	1	SW	2	W	1	N	1	2	A.-Cu.	Cu.	3	Ci.	Cu.
28	N	1	N	1	SW	1	SW	2	SW	2	N	1	0	------	Cu.	7	A.-Cu.	S.-cf. W
29	NW	1	SW	3	SW	3	WSW	3	SW	3	SW	2	2	Ci.-S.	S.-Cu.	6	Ci.-S.	S.-cf. W
30	SW	2	SW	3	WSW	3	SW	3	SW	2	N	1	6	Ci.-S.	S.-cf. WSW	7	Ci.-S.	S.-cf. WSW
31	NNW	1	SW	3	SW	2	WSW	3	SW	2	NNW	1	7	Ci.-S.	S.-Cu. W	5	Ci.	Cu. W
Mean	-------	1	-------	1.2	-------	1.5	-------	1.7	-------	0.9	-------	0.9	5.4	-------	-------	6.8	-------	-------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.80 mm.]

AUGUST, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.96	57.82	58.49	56.62	57.03	58.83	24.6	24.6	29.7	30.9	28.9	25.9	33.6	24	95	94	72	68	76	93	------
2	57.56	57.20	57.53	55.87	56.48	58.06	24.4	23.7	30.6	32	28.5	25.3	33.5	23.4	95	96	69	66	79	94	7.9
3	57.16	57.05	57.58	55.96	56.95	58.27	24.5	24.2	29.7	31	27	25.6	32.3	23.6	95	94	71	69	89	93	1.5
4	57.86	57.55	58.07	56.46	57.08	58.58	24.9	24.8	29.6	30.9	28.8	26	31.3	24.2	95	95	72	67	72	90	.3
5	57.94	58.74	58.33	56.83	57.14	58.51	25	24.8	29	30.8	27.9	25.3	32.7	24.6	92	93	74	67	82	94	------
6	57.81	58.22	58.79	56.84	56.88	58.68	24.1	24.3	27.7	30	28.6	24.8	30.7	23.6	96	96	83	74	75	95	23.4
7	57.96	57.78	57.88	56.60	56.71	57.89	24	23.9	29.7	30.4	28.8	24.9	31.9	23.7	96	95	73	73	74	94	12.7
8	57.82	57.58	58.29	56.76	56.43	57.90	24.7	24.8	28.9	29.5	28	27.6	30.9	23.8	94	95	76	73	80	81	2.5
9	57.64	57.45	57.94	56.61	57.02	58.80	24.9	27	30	31.4	28.9	27	32.3	24.7	93	82	75	67	75	85	2.5
10	58.01	57.73	58.24	56.50	56.82	58.48	26	26.9	29.5	30.9	28.7	25.4	32.5	24.8	88	83	76	64	73	93	8.9
11	58.15	58.01	58.15	56.83	57.07	58.85	26.1	24.3	28.3	30.1	29	26	30.9	24.1	88	94	80	67	71	90	14
12	58.81	58.47	58.89	57.26	57.56	58.72	23.8	23.4	29.2	29.7	29	27.9	31	23	94	95	80	75	75	81	9.4
13	57.09	56.93	57.33	55.92	56.56	56.87	27.3	27.9	29.7	30.3	29.1	27.7	31.4	25.2	83	81	74	71	74	79	------
14	56.62	56.65	57.58	56.16	56.57	57.69	27.4	27.3	28.8	30.9	28.9	25.8	31.7	24.9	81	81	76	69	76	93	34.5
15	57.29	58.54	58.85	56.59	57.10	58.31	26.7	25.3	26.5	29	27.4	24.4	30	23.8	87	92	84	77	83	95	22.3
16	57.87	58.52	58.07	56.33	56.13	58	24	24.1	28.6	30.2	28.2	24.6	31	23.7	96	95	76	68	77	94	------
17	57.16	57.37	57.83	55.98	56.73	58.71	23.3	23.1	29.5	29.5	26.6	25	32.4	22.7	95	96	69	68	87	94	------
18	57.90	57.93	58.33	56.61	56.79	58.87	23.9	23.8	30.4	30.9	26.8	24.7	32.4	22.8	96	96	70	65	85	93	------
19	58.08	57.91	58.68	56.72	57.08	58.73	22.9	22	30.2	31.9	28.9	25.5	34.4	21.7	96	96	66	63	77	88	------
20	57.72	58.48	57.78	57.04	57.62	58.86	24.1	23.5	30.5	24.2	24.9	24.6	31.3	22.9	93	94	66	94	95	95	69.8
21	58.07	58.16	58.55	56.91	57.72	59.30	23.6	23.3	29.6	30.1	26.6	24.8	31.5	22.8	96	97	75	69	87	94	------
22	58.96	58.84	59.27	57.58	58.25	59.51	23.4	23.2	30	28.5	24.8	23.9	31.5	22.7	96	96	68	81	92	95	11.4
23	58.16	57.96	58.81	56.42	56.88	57.90	23.2	23	27	27.8	26.2	25.2	31.5	22.7	97	97	87	87	92	93	6.6
24	56.93	57.31	57.34	55.91	56.40	57.37	23.8	23.3	29.3	30.4	26.3	24.2	31.1	22.7	96	97	75	69	86	95	------
25	56.37	56.34	56.29	55.13	56.48	57.62	23.2	23.2	30	31.5	26.9	24.6	31.7	22.7	96	97	73	60	84	94	------
26	56.75	56.71	56.91	55.36	56.57	57.62	23.2	23.8	30.7	32.2	26.9	24.5	33.2	22.8	97	96	70	60	83	92	------
27	57.16	57.46	57.73	56.38	56.88	57.92	23.7	23	30.6	31.2	28.5	25.4	31.8	22.6	95	96	71	68	78	91	------
28	57.89	58.07	58.01	55.96	57.03	58.53	24.2	24	31.1	31.8	30	29.2	32.9	23.6	95	96	68	65	71	74	------
29	57.71	57.84	58.14	56.35	56.31	58.37	26.4	24.9	30.5	31.3	29.5	26.5	34	24.6	89	92	66	67	75	86	------
30	57.30	57.58	57.94	56.02	56.23	58.17	27.6	27.8	30.9	32.2	29.3	27.7	33.3	26.4	80	81	68	64	73	82	------
31	56.84	56.20	57.27	55.72	55.76	57.24	28.1	28.5	30	31.5	29.2	28.2	32.3	27.4	79	77	71	66	73	78	------
Mean	57.63	57.66	58.03	56.39	56.85	58:30	24.7	24.6	29.5	30.4	28	25.7	32	23.7	92.4	92.4	73.4	69.7	79.6	89.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	227.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	N	1	NW	1	WSW	2	SW	2	Calm	----	NNW	1	8	Ci.-S.	S.-Cu. W	7	Ci.-S.	Cu. W
2	NNW	1	NNW	1	WSW	2	WSW	2	Calm	----	NW	1	1	------------	S.-Cu.	7	Ci.-S. E	Cu.-N.
3	NNW	1	NNW	1	W	1	W	2	WNW	1	N	1	4	------------	S.-Cu.	7	Ci.-S. E	Cu.
4	N	1	Calm	----	W	2	SW	2	Calm	----	N	1	7	A.-Cu.	S.-Cu. W	4	Ci.-S.	Cu.
5	NW	1	WNW	1	S	2	SW	2	Calm	----	N	1	9	A.-Cu.	N. W	7	Ci.-S. S	Cu.
6	NNW	1	NNW	1	SW	1	SW	2	NW	1	N	1	6	Ci.-S.	S.-Cu. W	6	Ci.-S.	Cu.
7	NNW	1	NNW	1	SW	2	WSW	2	SW	2	NNW	1	4	Ci.	S.-cf. W	7	Ci.-S.	Cu.
8	NW	1	WNW	1	WSW	3	SW	2	W	1	W	2	9	Ci.-S.	s.-cu. wsw	8	A.-Cu.	s.-cu.wsw
9	NW	1	SW	3	SW	3	SW	2	W	2	SW	3	9	A.-Cu.	S.-Cu. SW	6	Ci.-S.	Cu. SW
10	W	2	SW	5	SW	4	SW	2	W	1	N	1	9	Ci.-S.	N. SW	7	Ci.-S.	Cu.
11	SW	2	Calm	----	SE	1	SSW	1	SSW	1	NW	1	9	A.-S.	S.-Cu.	9	Ci.-S.	S.-Cu. SW
12	NNW	1	Calm	----	S	1	SW	2	SW	2	SW	2	8	Ci.-Cu. NE	S.-Cu.	7	Ci.-S.	S-Cu. SW
13	WSW	2	WSW	3	WSW	4	SW	2	SW	2	SW	2	6	A.-Cu.	S.-Cu. W	7	Ci.-S.	S.-cf. W
14	W	2	W	2	WSW	3	WSW	2	WSW	2	NNW	1	6	A.-Cu.	S.-Cu. W	9	A.-Cu. E	S.-cf. W
15	WSW	3	WSW	2	Calm	----	WSW	2	W	1	N	1	10	------------	N. SW	8	A.-Cu. E	S.-Cu. W
16	NW	1	WNW	1	SSE	1	SSW	1	Calm	----	N	1	9	A.-Cu.	N. W	4	Ci. E	Cu.
17	N	1	N	1	SW	1	W	1	NW	1	N	1	0	------------	S.-Cu.	7	Ci.-S.	Cu.-N. E
18	N	1	N	1	SSW	1	W	1	Calm	----	N	1	0	------------	S.-Cu.	7	A.-Cu.	S.-cf. E
19	N	1	N	1	SW	1	SW	1	Calm	----	Calm	----	2	Ci.	S.-Cu.	6	Ci.-S.	Fr.-Cu. E
20	Calm	----	Calm	----	SSE	1	NW	1	Calm	----	Calm	----	3	Ci.	S.-Cu.	10	------------	N. ESE
21	N	1	NNW	1	SSE	3	S	2	Calm	----	N	1	10	A.-Cu.	Fr.-N. E	7	Ci.-S.	Cu.-N.
22	N	1	N	1	S	1	SSW	1	Calm	----	N	1	2	Ci.-S.	Cu.	9	Ci.-S.	N. E
23	N	1	NNW	1	NNE	1	W	1	Calm	----	Calm	----	10	A.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
24	N	1	N	1	SW	1	SW	1	NNW	1	N	1	2	A.-Cu.	S.-Cu.	7	Ci.-S.	Cu.-N.
25	N	1	N	1	SSW	1	SSW	1	Calm	----	N	1	4	Ci. N	Cu.	5	Ci.	Cu.
26	N	1	N	1	SSW	1	SW	1	NNE	1	N	1	3	Ci.	Cu.	2	Ci.-S.	Cu.-N
27	N	1	N	1	S	1	SW	1	Calm	----	N	1	3	Ci.	S.-Cu.	6	Ci. NE	Cu.
28	N	1	N	1	SW	2	SW	2	SW	2	WSW	3	6	Ci.-S.	S.-Cu. SW	5	Ci.	Fr.-Cu. W
29	NW	1	NNW	1	WSW	3	WSW	4	W	2	NW	1	9	Ci.-S.	S.-Cu. W	7	Ci.-S.	s.-cf.wsw
30	SW	3	SW	3	SW	3	WSW	3	SW	2	SW	2	7	A.-Cu.	S.-Cu.wsw	6	Ci.-S.	Cu. WSW
31	WSW	3	WSW	3	SW	3	SW	2	SW	3	SW	3	8	Ci.-S.	S.-Cu.wsw	8	Ci.-S.	S.-Cu.
Mean	------	1.3	------	1.3	------	1.8	------	1.7	------	0.9	------	1.2	5.9	------------	------------	6.8	------------	------------

CALBAYOG.

[φ=12° 04′ N ; λ=124° 36′ E ; barometer above sea, 4.1 meters ; gravity correction not applied, —1.80 mm.]

SEPTEMBER, 1910.

Day.	Atmospheric pressure, 700 mm. + 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56	56.63	57.03	55.27	55.76	57.59	28.2	26.4	29.5	31.3	28.9	28.8	31.8	25.9	79	81	72	64	75	75	------
2	55.98	56.84	57.29	55.52	56.07	57.73	28.7	28.5	30.6	31.9	29.5	28.9	32.6	27.9	75	76	66	65	75	75	5.1
3	56.68	56.77	56.99	55.58	55.78	57.07	26.5	26.6	30.3	30.5	29	28.7	32.2	25.4	86	86	71	72	76	81	------
4	56.10	56	56.76	55.13	55.21	57.07	28.6	28.1	30	30.6	29.2	27.8	32.1	26.5	78	76	73	66	76	79	1.3
5	56.10	56.16	57.04	55.51	56.09	57.19	26	25.7	30	31.2	28.7	27.9	32.8	25.2	91	91	71	62	75	79	------
6	56.33	56.10	56.96	55.11	55.52	56.69	27.8	26	30	31.6	29.8	28.7	32.2	25.8	79	91	72	62	69	75	24.6
7	56.10	56.36	56.89	55.51	56.02	57.95	27.8	25.5	30.3	31.6	29.2	26.2	32.9	25.1	79	94	74	63	78	90	10.7
8	57.74	57.67	58.52	57.12	57.29	59.17	24.8	23.6	28.4	29.5	26.6	25	30.5	23.4	93	94	77	76	86	92	------
9	58.86	58.81	58.88	56.91	58.18	59.23	24	24.1	30	32.3	24.3	23.3	32.9	23.1	96	95	72	64	94	95	5.1
10	58.71	58.45	59.22	57.06	58.10	59.58	23.2	23.3	29.2	29.5	27.3	25.2	30.6	22.8	95	96	74	70	84	94	------
11	58.10	58.37	59.48	58.03	58.19	59.83	24.7	23.8	30.5	26.8	26.6	24.9	30.8	23.5	95	96	72	90	90	94	7.1
12	59.26	58.86	58.85	57.47	58.16	59.73	24	23.5	29.5	30.3	25.2	24.1	31.3	23.2	94	95	63	66	91	96	3.3
13	58.98	58.76	58.98	57.25	58.01	59.19	23.9	23.8	28.7	25.7	26.2	24	32.6	23.6	97	97	77	92	91	96	12.9
14	58.10	58.66	58.88	56.97	57.79	59.01	23	22.7	29	27.3	25.1	24	30.7	22.5	96	97	77	82	92	95	1
15	58.07	58.16	59.01	56.83	57.24	58.47	22.9	22.8	27	28.5	25	23.9	29.5	22.6	97	97	80	76	94	95	39.9
16	57.71	57.43	58.39	56.73	57.54	59.18	22.7	22.3	28.7	28.5	24.5	23.1	30	22.1	97	96	75	73	94	96	15.5
17	58.91	58.93	59.94	57.91	59	60.97	22.7	22.8	28.9	30.4	26.1	24.8	31.7	22.3	97	97	71	65	85	94	.8
18	60.13	60.23	61.03	58.53	59.21	60.82	23.2	23	29.5	32	28.4	26.1	32.5	22.6	97	97	75	71	80	91	7.1
19	59.78	59.96	59.86	57.73	58.24	59.82	24.1	23.8	30.2	29.7	26.8	25	30.4	23.6	95	96	70	70	86	91	------
20	58.08	58.23	58.12	56.58	57.08	58.11	23.8	22.4	29.2	24.5	24.7	23.9	30.5	22.2	95	96	70	92	95	95	143.7
21	57.12	57.81	58.62	56.93	57.99	59.93	24.8	23.5	26	29.7	26.3	24.5	30.3	23.2	89	94	93	72	84	93	2.6
22	58.65	59.07	59.57	57.51	58.10	59.71	23.1	22.7	29.5	29.9	25.8	24.1	31.1	22.5	95	97	75	68	88	94	------
23	58.87	58.86	59.16	56.77	57.77	58.37	23	22.8	29.5	32.7	25.3	24	33	22.5	96	97	72	62	92	95	3
24	56.90	56.76	56.83	54.80	56.04	57.29	23.1	22.9	29.1	31.2	28.3	25.7	31.6	22.6	96	97	83	74	82	93	1
25	56.19	56.57	56.82	54.31	55.97	57.23	24.4	24.1	31.2	31.7	24.1	24	33.1	23.5	96	96	71	68	96	96	73.7
26	56.55	56.26	57	54.58	55.81	57.12	23.8	23.5	29.5	29.8	26.2	25.2	31.6	23.1	96	97	76	77	94	94	3.8
27	55.74	56.19	56.72	54.38	55.66	57.10	25.7	26.6	27.6	29.7	26.2	25.9	30.9	24.5	90	85	84	74	88	88	30.8
28	55.84	55.83	56.32	54.17	54.95	56.17	24.9	26.9	28.6	30.2	27.9	27.8	30.6	24.6	92	83	75	68	82	80	2
29	55.03	55.34	56.33	54.79	55.17	56.98	27.7	27.8	29.3	29.9	28	26.2	30.6	25.5	76	77	68	69	77	85	3.3
30	56.35	56.98	58.08	57	57.63	59.30	27.8	27.5	30.3	32.2	28.9	28.7	32.7	25.9	79	80	65	64	76	75	------
Mean	57.43	57.57	58.12	56.27	56.99	58.45	25	24.6	29.3	30	26.9	25.7	31.5	23.9	90.5	91.6	73.8	71.2	84.8	89	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	398.3

Day.	Wind. 2 a. m. Direction.	Force.	6 a. m. Direction.	Force.	10 a. m. Direction.	Force.	2 p. m. Direction.	Force.	6 p. m. Direction.	Force.	10 p. m. Direction.	Force.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	SW	3	W	2	WSW	4	SW	2	SW	2	SW	3	9	Ci.-S.	N. W	8	Ci.-S.	Cu.
2	SW	3	WSW	3	SW	3	SW	2	SW	2	SW	2	9	A.-Cu.	S.-Cu. WSW	9	Ci.-S.	S.-Cu.
3	SW	5	SW	2	SW	3	SW	2	WSW	2	SW	3	10	Ci.-S.	N. SW	8	Ci.-S.	S.-Cu.
4	WSW	3	SW	3	SW	4	SW	3	SW	3	SW	3	10	A.-Cu.	S.-Cu.	7	Ci.-S.	Cu.
5	S	1	SSE	1	SSW	2	SW	2	WSW	3	SW	3	9	Ci.-S.	S.-Cu. SW	8	A.-Cu.	Cu.
6	SW	3	SSE	2	SSE	2	S	1	SW	2	SW	2	9	Ci.-S.	S.-Cu. SW	7	Ci.-S. N	Cu.
7	SSW	1	SSE	1	S	1	SSW	1	Calm	----	Calm	----	9	Ci.-S.	N. SW	6	Ci.	Cu.
8	Calm	----	Calm	----	S	1	Calm	----	NNW	1	N	1	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
9	N	1	NNW	1	S	1	SW	2	Calm	----	N	1	5	A.-Cu. E	Cu.	7	Ci.-S.	Cu.-N. NE
10	N	1	N	1	S	1	SSW	1	SE	1	Calm	----	6	A.-Cu. E	S.-Cu.	8	Ci.-S.	Cu.
11	Calm	----	Calm	----	S	1	NE	1	Calm	----	Calm	----	6	Ci.-S. N	S.-Cu.	9	Ci.-S.	S.-Cu.
12	Calm	----	Calm	----	SSW	1	SSW	1	N	1	N	1	10	------	S.	7	A.-Cu.	Cu.-N. SE
13	N	1	N	1	SW	1	NNE	1	Calm	----	Calm	----	8	Ci.-S.	S.-Cu.	10	A.-Cu.	Fr.-N.
14	NNW	1	N	1	S	1	NE	1	Calm	----	Calm	----	7	Ci.-S.	S.-Cu. SW	8	A.-Cu. E	Cu.-N.
15	N	1	NE	1	SW	1	WSW	2	NNE	1	N	1	7	Ci.-S.	S.-Cu. SSE	9	Ci.-S.	S.-Cu. WNW
16	N	1	N	1	S	2	SSE	1	Calm	----	N	1	6	Ci.-S.	S.-Cu.	8	A.-Cu.	S.-Cu. SSE
17	N	1	N	1	S	1	SSW	1	NNW	1	N	1	7	A.-Cu.	S.-Cu. S	7	Ci.-S. ESE	Cu.
18	N	1	N	1	S	1	NNW	1	NE	1	NNE	1	6	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E
19	N	1	NNW	1	NE	2	ENE	1	NE	1	N	1	6	A.-Cu. E	Cu.	8	Ci.-S.	S.-Cu. N
20	NNW	1	N	1	Calm	----	NW	1	Calm	----	SE	1	5	Ci.-S.	Cu.	10	A.-Cu.	N. NE
21	SSW	2	SSE	2	SE	2	SSE	1	SSE	1	Calm	----	10	A.-Cu.	N. S	8	A.-Cu.	S.-Cu. S
22	N	1	N	1	SSW	1	SW	1	NNE	1	N	1	6	Ci.-S.	S.-Cu.	7	Ci.-S. E	Cu.-N.
23	N	1	N	1	S	1	SW	2	NE	1	N	1	0	------	Cu.	6	Ci.-S.	Cu. ENE
24	N	1	NNW	1	WSW	2	WSW	2	Calm	----	NNE	1	8	Ci.-S.	Fr.-S.	7	Ci.-S.	S.-Cf. WNW
25	N	1	N	1	WSW	2	WNW	2	Calm	----	N	1	6	Ci.	Cu.	7	Ci.-S.	Cu.-N. NW
26	Calm	----	N	1	W	2	W	2	Calm	----	Calm	----	8	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu. WNW
27	WNW	2	W	3	WSW	3	WSW	3	SW	2	SW	3	10	A.-Cu.	N. W	8	A.-Cu.	S.-Cu. W
28	WSW	2	SW	4	SW	3	SW	4	SW	3	SW	6	10	A.-Cu.	N. SW	7	A.-Cu.	S.-Cu. SW
29	SW	4	SSW	4	SSW	4	SSW	2	S	2	Calm	----	9	A.-Cu.	S.-Cu. SW	8	Ci.-S.	S.-Cu. SW
30	SW	3	SSW	2	S	2	SW	2	SW	1	W	2	3	Ci.-S.	S.-Cu. SW	2	Ci.-Cu.	Cu.
Mean	------	1.5	------	1.5	------	1.8	------	1.6	------	1.1	------	1.3	7.5	------	------	7.6	------	------

CALBAYOG.

[φ=12° 04′ N; λ=124° 36′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.80 mm.]

OCTOBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.28	58.43	59.26	57.33	58.32	58.93	27.8	26.1	30	30.2	28.8	25.8	30.8	24.9	79	88	73	71	77	93	5.1
2	57.97	58.06	59.05	58.01	57.36	58.07	24.9	24	25.7	24.6	25.2	25	26	23.6	95	96	92	92	91	92	46.2
3	57.17	57.63	58.30	56.80	57.65	59.20	25.7	24.5	28.2	28.7	27.6	26.2	29.7	24.2	90	96	80	80	84	90	1
4	58.05	58.72	59.92	58.29	58.94	60.30	24.9	25.7	29.7	30.6	27.7	25	31.7	23.9	94	91	75	73	84	93	------
5	59.57	59.84	59.94	57.72	58.44	60.07	23.4	23.1	29.6	32.8	29.5	24.9	33.4	22.9	97	97	74	61	72	93	38.1
6	58.98	58.88	58.88	56.32	57.30	59.05	23.8	23.1	29.1	32.2	27.6	24.7	33.3	22.8	96	97	83	67	91	94	2.5
7	58.06	58.07	58.37	57.29	57.25	58.85	23.4	22.9	28.4	28.7	26.8	24.5	29.7	22.5	96	97	82	83	90	94	1.8
8	58.47	58.23	59.31	57.83	57.98	59.28	23.9	26.7	29.7	29.9	28.4	27.1	30.6	23.6	96	86	80	80	81	86	------
9	58.49	58.65	60.17	57.54	58.23	59.75	26.9	27.1	27.2	30.2	27.4	25	31.1	24.1	86	89	86	76	87	94	9.1
10	58.97	59	59.63	57.42	58.62	59.69	23.8	23.1	28.6	30.3	25.7	24.2	30.7	22.9	97	97	75	71	90	95	------
11	58.90	59.08	60.17	58.61	59.36	60.36	23.2	22.8	29.4	30	24.5	23.4	33.2	22.6	97	97	72	69	94	95	2.3
12	59.03	59.23	60.12	57.88	59.65	60.44	22.6	21.8	29.3	31	23.9	23.4	31.7	21.6	97	97	75	73	96	96	14
13	59.17	59.85	60.03	57.51	58.56	60.29	22.1	21.7	27.9	29.8	25.7	24.9	31.7	21.4	96	98	83	77	93	95	15.7
14	59.36	59.63	60.52	58.21	59.03	60.19	24.6	23.5	28.6	30.8	25.7	24.8	31.1	23.3	96	97	77	69	91	93	------
15	59.33	59.78	60.67	58.64	60.23	60.70	23.6	23	30	30	25.1	23.9	31.7	22.7	96	97	73	72	91	95	16.6
16	59.76	59.93	60.16	57.94	58.83	60.60	23.6	23	28.9	31.1	27.7	24.9	32.2	22.6	96	96	74	68	83	94	------
17	59.93	59.93	60.69	58.19	58.98	60.67	23.7	22.8	29.2	30.3	26.7	24.7	31.7	22.6	96	97	73	68	86	92	------
18	60.04	60.66	61.68	59.78	60.10	61.06	24	23.9	28.1	26.5	24.7	22.9	28.4	22.2	96	97	83	84	90	96	8.2
19	60.52	60.16	60.58	58.63	59.08	60.14	21.9	21.6	30	31.6	26.7	23.7	32.6	21.1	96	97	71	62	80	91	------
20	59.45	59.33	60.11	58.35	58.40	59.93	23	22.9	31.1	26.3	26.3	24.4	32.2	22.6	94	95	67	86	92	93	18.6
21	58.71	59.23	60.13	57.92	58.54	60.03	22.9	22.6	26.9	28	25.7	23.9	29.3	22.3	96	97	89	80	91	95	2.1
22	59.02	59.16	60.22	58.46	59.01	59.66	23.1	22.9	27.5	25.4	24.2	23.5	29.9	22.6	96	97	86	92	94	96	7.9
23	58.45	59.33	59.05	57.60	58.14	59.27	22.9	23.2	30.3	28.2	26.2	24.5	32.7	22.7	97	97	68	81	91	94	.5
24	59.03	59.22	59.39	57.07	58.14	59.88	23.9	23.6	28.5	31.8	26.4	24.5	33	23.3	95	96	73	63	88	95	------
25	58.93	59.81	60.14	58.06	58.95	60.21	22.6	22.3	31.3	28.6	25.5	23.9	31.6	21.6	97	97	63	77	90	95	2
26	59.70	60.34	59.81	57.41	58.30	59.52	22.8	22.7	30.6	30.7	25.6	23.9	33.2	22.2	97	97	68	66	89	94	2
27	58.34	58.62	59.07	57.07	57.91	59.01	22.3	21.9	30.6	27.4	25.7	24.9	31.6	21.6	96	96	69	85	92	95	21.4
28	57.90	57.91	59.27	56.54	57.53	59.14	23.9	23.9	28.9	30	26.8	24.8	30.7	23.5	97	96	78	76	90	94	------
29	57.97	57.89	58.93	56.54	57.60	59.02	23.1	22.3	30.7	29.2	25.5	23.4	31.3	22	96	96	72	76	90	96	29.8
30	57.76	57.81	58.19	54.61	55.01	55.24	23.6	23.7	25.2	27.7	24.8	24.7	28.2	23.3	97	97	95	85	95	95	48
31	53.16	52.97	53.22	50.35	49.31	47.91	24.9	24.9	25.8	25.9	25.1	25.5	27.4	24.5	94	95	91	90	88	86	49.6
Mean	58.66	58.88	59.52	57.42	58.09	59.24	23.8	23.5	28.9	29.3	26.2	24.5	31	22.8	95	95.6	77.4	75.9	88.4	93.5	------
Total	-------	-------	-------	-------	-------	-------	------	------	------	------	------	------	------	------	-----	-----	-----	-----	-----	-----	342.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SW	2	W	1	WSW	2	SW	2	SW	2	NW	1	9	A.-Cu.	S.-Cu. WSW	8	Ci.-S.	S.-Cu.
2	NW	1	Calm	----	SW	2	SW	2	SW	2	SW	2	10	A.-Cu.	N. NW	10	A.-Cu.	N. SW
3	SW	2	SW	2	SW	2	SW	2	SW	2	W	1	10	A.-Cu.	N. SW	8	A.-Cu. WSW	S.-Cu.
4	SSW	1	SSE	1	SW	2	WSW	1	NW	1	NNW	1	7	Ci.-S.	S.-Cu. SW	7	Ci.-S. NE	Cu.
5	NNW	1	N	1	S	1	W	1	Calm	----	Calm	----	2	Ci.	S.-Cu.	2	Ci.	Cu.
6	N	1	N	1	S	1	W	2	Calm	----	N	1	4	------------	S.-Cu. N	6	------------	Fr.-Cu. NE
7	N	1	N	1	S	1	WNW	1	W	1	N	1	7	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu. N
8	NNW	1	W	2	WSW	2	SW	2	SW	2	SW	2	9	A.-Cu.	S.-Cu. W	7	Ci.-S.	S.-Cu. W
9	NNW	1	NW	1	WSW	1	W	1	Calm	----	Calm	----	8	Ci.-S.	S.-Cu. W	9	Ci.-S.	S.-Cu.
10	NNW	1	N	1	S	1	SW	1	NNW	1	N	1	9	Ci.-S.	S.-Cu.	8	Ci.-S. NE	Cu.-N.
11	N	1	N	1	S	1	N	1	NW	1	N	1	0	------------	Cu.	9	Ci.-S.	Cu.-N. E
12	N	1	N	1	S	1	W	2	NW	1	N	1	2	Ci.	Cu.	7	Ci.-S.	Cu.-N.
13	N	1	N	1	Calm	----	SW	1	N	1	NNE	1	4	Ci.-S.	S.-Cu.	7	Ci.-S. E	S.-Cu. NE
14	NNE	1	N	1	SSE	1	SW	1	NE	1	NE	1	5	A.-Cu. E	S.-Cu.	6	Ci.-S. N	Cu.-N.
15	NNE	1	NE	1	WNW	1	NE	1	NNE	1	NNW	1	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
16	N	1	N	1	SW	1	W	2	Calm	----	N	1	4	A.-Cu.	S.-Cu.	3	------------	Cu. N
17	N	1	N	1	NNE	1	NW	1	NE	1	NE	1	6	Ci.-S. NE	Cu.	8	Ci.-S.	S.-cf. NE
18	N	1	NNE	1	N	1	NNE	2	N	1	N	1	9	Ci.-S.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE
19	N	1	N	1	NE	2	NNE	2	N	1	N	1	0	------------	Cu.	6	A.-Cu.	Cu. NE
20	N	1	N	1	NE	1	NW	1	NNW	1	N	1	8	------------	S.-Cu. ENE	6	Ci.-S.	S.-Cu. NE
21	N	1	N	1	Calm	----	N	1	N	1	N	1	5	A.-Cu. ENE	S.-Cu.	8	Ci.-S.	S.-Cu.
22	N	1	N	1	SW	1	N	1	NE	1	N	1	2	Ci.	S.-Cu.	10	Ci.-S.	N. ENE
23	NNE	1	NNE	1	NE	2	ENE	1	NE	1	N	1	9	A.-Cu.	N. ENE	8	Ci.-S.	Cu.-N. ENE
24	N	1	N	1	NE	2	E	2	NE	1	N	1	6	A.-Cu.	S.-Cu. E	7	A.-Cu.	Cu. ENE
25	NNE	1	NNE	1	ESE	2	SSW	1	NNE	1	N	1	0	------------	Cu.	7	A.-Cu.	S.-Cu. ENE
26	N	1	N	1	NE	1	NE	2	NE	1	N	1	5	A.-Cu.	S.-Cu. ENE	8	A.-Cu.	S.-Cu. NE
27	N	1	N	1	ENE	2	NNE	1	NW	1	N	1	2	Ci.	S.-Cu.	9	A.-Cu.	N. NE
28	NNE	1	NNE	1	NE	1	N	1	NNE	1	N	1	9	Ci.-S.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE
29	N	1	N	1	NNE	1	ENE	1	NNE	1	NNE	1	1	------------	Cu.	9	Ci.-S.	S.-Cu. NE
30	NNE	1	Calm	----	NW	1	NNE	1	NNW	1	N	1	10	A.-Cu.	N. NE	10	A.-Cu.	S.-Cu. NE
31	NNW	1	NW	1	NNW	1	N	2	N	2	NNE	6	10	A.-Cu.	N. NNE	10	A.-Cu.	N. N
Mean	-------	1.1	-------	1	-------	1.3	-------	1.4	-------	1	-------	1.2	5.8	------------	------------	7.6	------------	------------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.80 mm.]

NOVEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	46.41	47.66	51.53	51.71	54.33	57.32	25	24.8	25.1	26.2	24.6	23.2	26.3	23	89	91	88	90	95	97	122.2
2	56.93	56.99	57.80	56.89	58.40	58.97	23.2	23.4	30	27.8	26.3	24.3	30.5	23	97	97	76	84	92	96	2
3	57.96	58.78	59.26	57	57.95	59.12	23.7	23.1	30.5	27.2	25.9	24.4	31.9	22.6	97	97	71	90	92	95	6.9
4	58.58	58.55	59.02	56.98	57.97	59.47	23.8	23.7	30.1	30.5	25.5	24.7	31.4	23.4	97	97	71	71	88	93	2.8
5	58.47	58.80	58.98	57.22	58.12	59.62	22.9	23.3	29	28	25.7	24.8	30.3	22.5	97	97	76	86	91	95	2.8
6	58.21	58.87	59.76	57.13	58.07	59.60	23.6	23.1	24.1	27.5	25.5	24	28.5	22.9	96	97	97	81	90	96	8.9
7	58.77	58.91	59.36	57.41	58.73	59.26	23.6	23.7	31	30.7	26.5	24.5	33.3	22.7	96	97	69	73	86	93	------
8	58.37	58.84	59.07	57.08	57.89	59	23	22.8	29.9	26.5	25.8	24.7	31.5	22.3	96	97	77	88	93	95	7.6
9	58.07	58.52	58.77	56.34	57.82	58.01	23.9	23.2	28.7	25.2	24	23.6	30.4	22.9	96	97	83	92	92	94	16.3
10	56.81	57.06	57.76	55.95	56.06	57.45	23	22.8	25.9	25.1	24.5	23.7	27.8	22.6	97	97	93	89	95	96	3.8
11	56.12	57.26	57.72	55.27	56.59	57.76	23.5	23.5	26.6	27.8	25.7	23.8	28.3	22.8	97	96	85	82	90	95	------
12	56.37	56.83	56.88	54.64	55.53	56.10	22.6	22.3	28.3	28.9	26.7	24.6	31.4	22	96	96	79	70	83	95	78.7
13	54.89	55.20	55.87	53.75	54.86	56.02	24.6	24.3	25.5	26	24.6	26.4	27	23.6	96	95	95	92	93	85	15.3
14	55.31	56.27	57.64	55.27	55.56	57.50	25.1	24	27	30.5	26.6	24	31.4	23.8	90	97	86	72	85	94	------
15	56.73	56.88	57.93	55.21	56.02	57.80	23.7	23	28.7	30.4	28.3	25	31.8	22.7	97	97	76	73	86	93	------
16	56.90	57.16	57.63	55.85	56.33	57.87	24	23.5	25.7	29.7	24.3	24	30.7	23.3	95	96	81	69	95	93	19.3
17	56.90	57.72	58.58	56.51	57.72	59.16	23	22.1	28.6	29.7	27.1	24.8	31.3	21.9	97	97	78	70	83	92	------
18	58.36	59.19	59.09	57.01	58.01	59.09	23.4	22.6	30.1	26.5	25.1	24.7	30.7	22.4	96	97	70	91	95	96	14.5
19	57.95	57.70	58.89	56.80	57.70	58.17	23.9	23.5	26.7	27.8	25	23.8	28.9	23.1	97	97	93	82	91	95	3
20	56.72	57.64	57.38	55.23	56.23	57.50	22.6	22.6	27	31.2	26.4	25	31.5	21.9	97	97	90	72	89	96	8.9
21	56.49	56.18	56.73	54.89	55.44	56.04	24	23.4	28.5	25.6	25.6	25.3	29.8	23.2	96	97	83	90	90	92	3.3
22	54.59	55.12	56.53	55.08	56.43	57.65	26.1	26.2	28	29.1	27.1	25.3	29.9	24.1	91	92	84	82	87	93	20.4
23	57.55	58.08	59	56.62	56.23	58.50	24.4	23.7	28.2	29.3	27.8	25.1	31.4	23.4	95	97	80	80	88	93	1
24	57.77	58.30	58.60	57.25	58.26	58.37	23.8	23.2	29	28.4	25.6	24.1	30	23	97	97	80	82	92	96	10.2
25	57.22	58.17	58.75	56.44	57.84	58.66	23.7	23.6	27.7	28.8	25.8	23.6	30.1	22.7	96	96	84	73	88	96	2
26	57.89	58.16	58.84	56.82	57.70	58.66	22.4	22.8	28.7	29.8	25.7	24.5	30.2	21.6	97	97	74	67	88	92	13.7
27	58.21	58.40	58.99	56.80	57.86	58.71	23.7	23.2	28.3	26.5	24.2	23.3	31.1	22.9	94	94	80	86	94	97	9.4
28	57.66	57.63	57.98	56.42	56.65	57.67	22.8	22.5	28.7	28.7	25.7	24	30.3	21.9	97	97	76	70	88	92	------
29	56.98	57.39	59.11	56.79	57.09	58.88	22.7	21.7	27.1	28.2	25.4	23.6	28.6	21.2	95	96	81	82	88	93	.5
30	57.99	58.08	59.34	56.88	57.84	58.76	22.2	22.7	26.8	28.6	26	23.8	30.1	21.9	96	97	86	77	88	93	9.7
Mean	56.91	57.34	58.09	56.11	57.04	58.22	23.6	23.3	28	28.2	25.8	24.4	30.2	22.7	95.7	96.3	81.4	80.2	89.8	94	------
Total	-------	-------	-------	-------	-------	-------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	383.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	9	NNE	8	ESE	6	SE	3	SE	2	SE	2	10	------------	N. E	10	A.-Cu.	N. SE
2	Calm	----	Calm	----	SE	1	Calm	----	NE	1	NNE	1	9	A.-Cu.	S.-Cu.	8	A.-Cu.	S.-Cu. SE
3	N	1	Calm	----	ENE	1	Calm	----	NE	1	NE	1	2	Ci.	S.-Cu.	8	A.-Cu.	N. E
4	N	1	N	1	SW	1	NE	2	NE	1	N	1	2	Ci.	S.-Cu.	4	A.-Cu.	S.-Cu. E
5	Calm	----	Calm	----	NE	1	NE	1	NE	1	NNE	1	8	Ci.-S.	S.-Cu. E	9	Ci.-S.	S.-Cu. E
6	N	1	NNE	1	N	1	NE	2	NE	1	NNE	1	8	Ci.-S.	Fr.-N.	8	Ci.-S. SE	S.-Cu. ENE
7	N	1	NNE	1	NE	2	W	2	NNE	1	N	1	4	Ci.	S.-Cu. ENE	5	Ci.	Cu. NE
8	N	1	N	1	W	1	Calm	----	NE	1	N	1	5	Ci.	Cu.	8	Ci.-S.	S.-Cu. E
9	N	1	N	1	W	1	N	1	NE	1	N	1	6	A.-Cu.	S.-Cu. NE	10	A.-Cu.	N. NE
10	N	1	Calm	----	NE	1	NE	1	N	1	N	1	10	A.-Cu.	S.-Cu. NE	10	A.-Cu.	Fr.-N.
11	N	1	Calm	----	Calm	----	SW	1	N	1	N	1	10	A.-Cu.	S.-Cu.	8	A.-Cu.	S.-Cu. NNW
12	N	1	N	1	WNW	1	WNW	2	NW	1	NNW	1	9	A.-Cu.	S.-Cu. N	7	Ci.-S.	S.-Cu. NW
13	NW	1	WNW	1	Calm	----	SW	2	W	1	S	2	10	Ci.-S.	N. WNW	10	------------	N. SW
14	S	2	SSE	1	SSE	3	SE	2	N	1	N	1	9	Ci.-S.	S.-Cu. S	7	A.-Cu.	S.-Cu. SSE
15	N	1	N	1	SW	1	SW	1	N	1	N	1	6	Ci.-S.	S.-Cu. ESE	5	Ci.	Cu.
16	N	1	N	1	NE	2	NE	2	NE	1	N	1	9	------------	S.	8	A.-Cu. E	S.-Cu. NE
17	NNE	1	N	1	SSE	1	SSW	1	N	1	N	1	5	Ci.-S.	S.-Cu.	2	Ci.	Cu.
18	NNE	1	NNE	1	SE	1	NE	1	NE	1	N	1	4	Ci.	S.-Cu. ESE	9	A.-Cu.	S.-Cu. E
19	N	1	N	1	NNW	1	NNW	1	N	1	Calm	----	9	Ci.-S.	S.-Cu.	8	A.-Cu. NE	S.-Cu.
20	N	1	N	1	Calm	----	NE	2	N	1	N	1	8	A.-Cu.	S.-Cu. NE	8	Ci.-S.	Cu.-N. NE
21	N	1	N	1	NW	1	NW	1	Calm	----	NW	1	5	Ci. E	S.-Cu.	10	A.-Cu.	N. NNW
22	SW	2	SW	3	SSW	1	S	1	Calm	----	Calm	----	10	A.-Cu.	N. SW	7	A.-Cu.	S.-Cu. S
23	N	1	N	1	Calm	----	W	1	Calm	----	NE	1	7	A.-Cu. SE	S.-Cu.	6	A.-Cu. SE	Cu.
24	NE	1	NNE	1	ENE	1	NE	1	ESE	1	N	1	4	Ci.	S.-Cu. ESE	8	A.-Cu.	S.-Cu. E
25	NNE	1	NNE	2	NE	1	ENE	1	NE	1	N	1	10	A.-Cu.	N. NE	9	Ci.-S.	S.-Cu.
26	N	1	N	1	NE	2	ENE	2	NE	2	NNE	1	7	Ci.-S.	S.-Cu. ENE	6	Ci.-S.	S.-Cu. E
27	NE	1	NNE	1	NE	1	NE	2	Calm	----	Calm	----	9	Ci.-S.	S.-Cu. E	8	Ci.-S.	N. ENE
28	N	1	Calm	----	NE	2	ENE	2	NE	1	NNE	1	9	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	S.-Cu. ENE
29	N	1	N	1	Calm	----	ESE	1	Calm	----	N	1	9	------------	S.	9	Ci.-S.	S.-Cu. E
30	N	1	N	1	S	1	SW	1	NNW	1	N	1	9	Ci.-S.	S.-Cu. ENE	8	Ci.-S.	S.-Cu. NE
Mean	-------	1.3	-------	1.1	-------	1.2	-------	1.3	-------	0.9	-------	1	7.4	------------	------------	7.7	------------	------------

CALBAYOG.

[φ=12° 04′ N; λ=124° 36′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.80 mm.]

DECEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.28	58.21	58.95	56.88	57.84	58.65	22.6	22.5	29.9	31.2	26.2	24.4	32.1	22.2	97	96	74	62	89	92	2.3
2	57.42	57.97	58.39	55.96	57.05	57.50	23.8	23.3	30.2	30.8	26	25.4	32.1	22.9	96	96	74	67	88	93	49.9
3	55.74	56.43	57.37	56.04	57.13	58.33	24.5	23.3	24.7	25.2	24.8	24	26.1	22.9	93	96	87	92	89	92	15.1
4	57.95	58.85	59.34	58.09	59.19	60.90	23.3	23.6	27.2	29.2	26.7	24.5	29.8	22.9	96	95	85	74	88	93	
5	60.16	60.25	61.03	58.66	59.65	60.44	23.8	22.5	29.5	30	26.7	24.9	32.8	22.2	96	96	74	79	80	92	2.1
6	59.95	60.21	60.94	58.66	59.31	59.42	23.3	23.1	28.7	29.5	25.9	24.7	30.7	22.5	97	97	80	72	91	93	1.3
7	58.07	58.58	59.17	57.20	58.40	58.93	24	23.7	25.5	28.4	25.2	22.9	29.6	22.2	96	97	88	82	90	95	8.1
8	58.04	58.64	58.93	56.99	58.16	58.74	22.2	21.4	29.9	29.4	25.8	25.2	31.8	20.9	96	97	67	70	88	90	
9	57.50	58.32	58.58	56.83	57.56	58.41	24	23.3	29.2	26.7	25.7	25	31.3	23	96	96	74	92	92	94	23.1
10	57.98	58.15	59.04	57.67	58.18	59.16	23.9	22.7	29.4	28.4	26.5	24.1	30.7	22.5	95	97	78	88	90	95	10.7
11	58.01	58.44	59.42	57.80	58.52	59.35	23.5	22.5	28.9	26.4	24	24	31.2	22.3	96	96	74	85	95	96	9.9
12	57.96	57.95	58.95	57.08	57.91	59.16	23.8	23.7	28.9	29.3	26	24.7	30.7	23.4	96	95	78	70	89	92	13
13	57.66	58.10	58.64	56.27	57.16	58.46	24	22.9	28.7	29	25.8	23.9	30.3	22.6	96	97	81	78	93	94	6.9
14	57.27	57.47	58.48	56.48	57.40	58.42	23.2	23	29	27.2	25.4	24.9	31.7	22.7	96	97	76	86	92	92	5.1
15	57.28	57.98	58.94	56.44	58.02	59.29	24	23.3	28.7	29.7	26.5	23.7	31.1	23	96	97	78	70	84	92	
16	58.50	58.84	59.39	57.08	58.05	59.44	22	21.2	29.7	28.5	26.2	24.2	32.1	20.9	96	96	74	81	90	94	2
17	58.25	58.91	59.59	57.42	58.20	59.59	22.9	22.8	25.4	28.5	24.9	24.4	28.8	22.4	96	97	87	75	89	90	8.7
18	59.08	59.48	60.90	58.80	59.20	60.70	23.5	23.3	26.5	28.4	25.5	23.9	28.6	22.7	90	90	80	74	87	93	.3
19	59.81	59.63	60.47	58.43	59.29	60.35	22.9	22.7	29.7	27.1	24.7	22.8	31	22.2	94	95	71	78	91	92	.3
20	59.66	59.62	60.31	57.99	59.05	59.03	21.6	20.4	26	27.8	24.8	23.1	28.7	20.1	96	96	85	73	89	91	
21	57.31	56.90	58.09	55.84	56.91	57.37	23.7	23.9	27.1	25.3	24	23.7	27.6	22.5	92	91	84	92	93	95	42.7
22	56.15	55.87	56.55	54	55.17	56.76	23.4	23.3	26.5	27.8	26	25	29.1	23.1	95	96	94	87	94	94	5.4
23	55.67	56.72	56.89	54.51	55.61	57.81	24.4	23.8	29.6	30.9	26.5	26	31.5	23.5	95	97	77	76	90	92	.8
24	56.57	57.82	58.70	56.68	58.02	59.61	24.9	23.6	29.1	29.2	25.4	24.7	30.5	23.2	95	97	79	78	93	95	3.8
25	58.42	59.61	60.89	58.28	58.87	59.87	24	23.9	28.4	29.7	26.7	24.6	30.3	23.7	96	97	79	76	88	94	
26	58.81	59.93	60.22	58.09	59.37	60.78	23.3	22.4	28.9	29.9	25.6	24.2	31.7	22.2	96	96	77	75	93	94	39.9
27	59.47	60.48	61.52	59.28	59.95	61.79	23.1	22.5	27.3	28.9	25.6	24.2	30	22.2	96	96	81	81	88	94	2.3
28	60.46	60.65	61.62	59.64	61.30	62.29	22.9	22	27.7	27.3	23.7	22.5	31.2	21.8	97	97	78	81	95	95	13.5
29	61.03	60.99	61.93	59.23	59.65	60.36	22.9	22.8	26.1	26.7	24.3	23.5	29.7	21.8	96	96	81	81	93	95	2.1
30	59.43	59.67	61.75	59.33	60.54	60.07	23.2	23.1	23.6	25.4	22.9	22.1	25.7	21.9	97	97	95	84	94	95	15.3
31	59.61	59.63	60.50	58.45	59.98	60.89	22	22.5	24.9	29.3	24.9	23.1	29.6	21.6	96	94	94	76	91	95	3.1
Mean	58.31	58.72	59.53	57.42	58.41	59.42	23.4	22.9	27.9	28.4	25.4	24.1	30.3	22.4	95.5	95.9	80.1	78.5	90.2	93.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	287.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	Calm	----	NE	2	ENE	2	NE	1	N	1	8	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu. NEbyE
2	NNE	1	NNE	1	NE	2	ENE	3	NE	2	NE	1	9	Ci.-S.	Fr.-S.	7	Ci.-S. ENE	S.-cf. NE
3	NE	1	ENE	2	E	2	ESE	1	ESE	2	ESE	1	10	A.-Cu.	N. E	10	A.-Cu.	N. SEbyE
4	E	1	ESE	1	SE	1	S	1	ESE	1	E	1	10	A.-Cu.	Fr.-N. SE	8	A.-Cu.	S.-Cu. SE
5	NE	1	NE	1	ENE	2	S	1	ENE	1	NNE	1	2	Ci.	S.-Cu.	4	----	Cu. E
6	NE	1	NE	1	NE	1	SSE	2	NE	1	NE	1	9	A.-Cu.	N. ENE	7	Ci.-S.	S.-Cu. ENE
7	NNE	1	NE	1	NE	2	E	1	NE	1	NNE	1	8	Ci.-S.	S.-Cu. ENE	8	A.-Cu.	N. E
8	NE	1	NE	1	NE	1	NE	1	ENE	1	NE	1	3	Ci.	S.-Cu.	7	A.-Cu. E	S.-cf. NE
9	ENE	1	Calm	----	NE	1	Calm	----	NE	1	NE	1	1	----	S.-Cu.	9	Ci.-S.	N. NE
10	NNE	1	N	1	SE	1	NW	1	NNE	1	NNE	1	3	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. NE
11	N	1	NNE	1	NE	2	N	1	NE	1	NE	1	6	Ci.-S.	S.-Cu. NE	9	Ci.-S.	N. NE
12	NNE	1	NE	1	ENE	1	E	2	ENE	1	NE	1	5	Ci.	S.-Cu. ENE	7	Ci.-S.	S.-Cu. ENE
13	NNE	1	Calm	----	S	2	ENE	1	NE	1	NE	1	8	Ci.-S. SE	S.-Cu.	8	Ci.-S.	N. E
14	NE	1	NE	1	ENE	1	N	1	NE	1	NE	1	8	Ci.-S. SE	S.-Cu.	8	Ci.-S.	N. E
15	NE	1	NE	1	ENE	1	E	1	NE	1	NNE	1	10	A.-Cu.	S.-Cu. ENE	7	A.-Cu.	S.-cf. NE
16	NE	1	NNE	1	NE	1	W	2	NE	1	NE	1	3	Ci.-S.	----	8	Ci.-S.	S.-cf. NE
17	NE	1	NE	1	NE	2	ENE	2	ENE	1	NNE	1	8	Ci.-S.	S.-Cu. NE	9	A.-Cu.	S.-Cu. NE
18	NE	1	ENE	2	NE	2	NE	2	NE	1	NE	1	10	A.-Cu.	S.-Cu. ENE	8	A.-Cu. E	S.-Cu. NE
19	NE	1	NE	1	NE	2	ENE	2	NE	1	NE	1	5	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-Cu. NE
20	NNE	1	NE	1	NE	1	NE	1	NE	1	N	1	9	Ci.-S.	Fr.-S.	10	Ci.-S.	S.-Cu. NE
21	NNW	1	NW	1	W	1	NW	1	NW	1	NW	1	10	A.-Cu.	S.-Cu. N	10	A.-Cu.	N. NW
22	NNW	1	NNW	1	N	1	N	2	N	1	N	1	10	A.-Cu.	N. NNW	9	Ci.-S.	Fr.-N. N
23	NNE	1	NE	1	NE	2	W	1	NE	1	NE	1	8	Ci.-S.	S.-Cu. NE	8	Ci.-S. NW	Cu.-N. NE
24	NNE	1	NE	2	NE	1	SSE	2	NE	1	NNE	1	7	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu. E
25	NNE	1	NNE	1	S	1	SSW	1	NNE	1	N	1	5	Ci.-S.	S.-Cu.	6	Ci.-S. SSE	Cu.
26	N	1	N	1	SSE	2	SW	2	N	1	N	1	3	Ci.	S.-Cu.	4	Ci.	Cu.
27	NNE	1	NNE	1	NE	2	NE	2	NNE	1	NNE	1	1	----	S.-Cu.	8	Ci.-S. SE	S.-Cu. ENE
28	N	1	N	1	S	1	NNE	2	NNE	1	N	1	3	Ci.	S.-Cu.	9	Ci.-S.	N. ENE
29	N	1	N	1	NE	2	NE	2	N	1	NNE	1	6	A.-Cu.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE
30	NE	2	NE	1	WNW	1	ENE	2	NE	1	NNE	1	10	A.-Cu.	N. NE	9	A.-Cu.	S.-Cu. NE
31	NNE	1	NNE	1	ENE	1	E	2	NE	2	NE	1	10	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-Cu. NE
Mean	-----	1	-----	1	-----	1.5	-----	1.5	-----	1.1	-----	1	6.7	-----	-----	7.8	-----	-----

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 4.2 meters; gravity correction not applied, —1.77 mm.]

JANUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	58.09	59.09	59.98	57.94	58.83	59.58	25.2	25	28	29.5	26	26	30.2	24.4	91	92	81	76	91	88	21.1
2	59.93	59.83	61.24	58.80	59.77	61.43	25.1	24	25.2	25.5	26	25.5	26.4	23.2	91	96	88	87	80	85	10.2
3	61.26	61.16	61.94	60.15	61.07	61.99	25.2	25.1	28	28	26.9	25.9	28.5	24.2	86	85	74	76	70	85	17.7
4	61.38	61.27	62.12	59.97	61.27	62.32	25.6	25.5	26.3	26.4	25.5	25.6	26.9	23.7	88	90	88	85	92	90	49.3
5	60.79	61.06	62.05	60.03	60.19	61.40	25.6	25.2	26.9	24.6	26.3	26	27.3	23	87	86	85	93	83	87	27.7
6	60.12	59.89	61.28	58.86	59.28	59.98	25.7	25.4	26.5	29.1	25.5	25.1	29.2	22.5	91	87	83	72	86	87	26.7
7	59.15	59.11	59.94	57.97	58.53	59.17	25.2	24.7	28	29	26.5	25.5	29	24.1	82	81	70	64	76	80	------
8	58.69	58.72	59.72	57.67	57.91	58.72	25.2	25	27.5	26.1	25.6	25.7	28.2	24.3	82	85	75	84	88	89	30.5
9	57.95	58.23	59.48	57.61	57.98	59.50	25.2	24.9	26	27.8	26.5	26	28.4	23.3	91	91	88	78	83	84	8.9
10	58.47	58.74	60.74	57.58	57.71	58.51	25.9	25.4	28.4	29.3	26.5	26	29.6	24.8	83	86	71	66	80	82	------
11	57.56	57.87	59.14	56.80	57.34	58.37	25.2	25	25	29.2	25.5	24.5	29.3	22.8	86	86	91	72	83	89	22.6
12	57.80	57.94	59.08	57.60	58.01	58.70	25.4	25.3	28.1	28.6	26.2	25.4	29.4	23.8	84	84	73	66	80	80	------
13	57.90	57.71	58.81	56.27	57.40	58.02	24.4	24.3	29.1	30	26.9	24	30.2	22.2	82	82	67	63	78	87	------
14	57.50	57.89	58.80	57.10	57.96	59.07	22.1	20.5	28.8	30.6	26.4	25.6	31.1	19.9	92	92	68	89	74	75	------
15	59.07	59.12	60.15	58.04	59.10	60.38	24.8	25	28.5	30	26	24.1	30.6	23	75	75	62	56	79	96	13.2
16	60.10	60	61.04	59.27	59.83	60.74	24.3	24.1	25	27	24.5	24.5	27.2	22.5	95	91	82	72	84	86	4.9
17	59.96	59.98	60.72	58.54	58.79	59.74	24	24.1	28.3	25.9	25.5	25.1	29.7	23.3	83	83	68	86	81	91	1.6
18	59.20	58.91	59.88	58.57	59.21	60.68	25	24.8	25.6	24.5	23.7	23.8	26.5	23	91	93	86	92	91	91	14
19	59.48	59.41	60.90	59.10	59.85	60.78	24.1	24	24.3	23.5	23	24.3	24.5	22.7	87	87	93	98	99	88	161.4
20	60.70	60.68	61.99	60.30	60.74	61.73	24.1	24	23.9	23.5	22.9	24	24.4	20.7	91	93	97	96	96	91	97.8
21	60.80	60.75	62.19	59.93	60.04	61.09	23.2	23.3	24	24.8	25.4	24.4	27.3	22.5	97	97	96	91	88	90	18.1
22	60.76	60.70	62.34	59.70	60.23	61.63	24	23.7	28.1	29.9	26	25.1	30	23	91	90	72	62	79	82	.3
23	60.80	60.85	62.09	59.42	59.82	61.10	24.4	23.8	28.9	29.2	25.9	25.6	29.9	22	86	83	64	61	81	79	7.1
24	60.68	60.45	61.44	58.83	60.03	61.18	23.6	24.6	28.1	28.9	25.2	24	30	22.5	90	82	70	62	83	90	3.3
25	60.63	60.45	61.63	59.33	59.65	60.98	23.5	23.4	27.6	29.4	26	23.9	31	22.5	92	92	70	60	80	89	6.9
26	60.84	60.85	62.04	60.12	60.90	61.81	23.3	22.9	25.4	26	23	23.4	27.8	22.3	91	92	81	79	96	88	12.2
27	61.45	61.56	63.23	61.43	61.99	62.51	23.6	23.6	25.9	26.7	24	24.1	27.4	22.6	86	87	76	70	84	82	2.3
28	61.53	61.46	62.67	60.40	60.03	61.15	23.8	23.3	27	27.7	24.9	24.6	28.5	22.5	84	89	73	69	80	79	3.9
29	60.29	60.15	61.09	58.75	59.51	60.10	23.8	23.4	27.5	28.5	24.7	23.9	29.1	22	81	80	62	60	70	72	------
30	59.38	59.32	60.42	59.28	59.36	60.78	21	21.4	26.7	25.5	25.2	24.5	28.1	19.8	86	86	77	88	86	88	9.4
31	60.43	60.39	61.29	58.90	60	61.46	23.9	24	25	25.3	24.1	23.4	26.1	22.3	92	92	90	89	91	93	65.4
Mean	59.76	59.79	60.95	58.85	59.43	60.47	24.4	24.2	26.8	27.4	25.4	24.8	28.4	22.8	87.5	87.6	78.1	76.2	83.6	85.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	636.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.	0–10			0–10		
1	NE	NE	ENE	ENE	NE	NE	54.2	59.2	68.1	58.1	239.6	10	Ci.-S.	Fr.-N. ENE	7	Ci.-S.	Cu. ENE
2	E	NE	NE	NE	ENE	NE	59.7	78.1	89.1	103.2	330.1	10	------	Fr.-N.	10	Ci.-S.	N. ENE
3	NE	NE	NE	ENE	NE	NE	116.7	138.4	140.8	120.4	516.3	2	Ci.	Cu. NE	4	Ci.	Cu.-N. ENE
4	E	NE	Calm	ENE	NE	ENE	72.7	38.9	62	73.7	247.3	6	Ci.	Cu.-N. E	10	Ci.-S.	Fr.-N. ENE
5	NE	NE	ENE	E	NE	NE	79.4	96	104.8	94.3	374.5	10	Ci.-S.	Fr.-N. ENE	9	------	N.
6	NE	ENE	ENE	NE	NE	NE	77.9	74	71.8	88.2	311.9	9	Ci.-S.	Fr.-N. E	4	A.-Cu.	Cu.-N. ENE
7	NE	NE	ENE	ENE	NE	NE	90.6	116.1	123.9	102.5	433.1	3	Ci.	Cu. NE	3	------	Cu.
8	NE	NE	NE	NE	NE	NE	74.2	77.9	70.5	101.4	324	6	Ci.-S.	N. NE	9	Ci.-S.	Fr.-N. ENE
9	NE	NE	ENE	ENE	NE	ENE	85.6	104.8	117.7	100.1	408.2	10	------	Fr.-N. E	9	A.-Cu.	Cu.-N. ENE
10	NE	NE	ENE	ENE	NE	NE	76.9	96.6	105.1	92.3	370.9	6	Ci.	Cu. E	2	A.-Cu.	Cu.
11	NE	NE	ENE	NE	NE	ENE	78.4	90.1	82.1	74.5	325.1	3	Ci.	Cu. ENE	5	A.-Cu. E	Cu.-N. ENE
12	ENE	ENE	ENE	ENE	E	NE	93.6	89.6	98.2	72.9	354.3	1	Ci.	Cu. ENE	4	Ci.	Cu. ENE
13	NE	NE	NE	ENE	ENE	Calm	57.3	66.6	53.9	28	205.8	2	Ci.	Cu. ENE	1	------	Cu.
14	Calm	Calm	ENE	NE	NE	NE	7.4	38.8	70.8	96.1	213.1	7	Ci.	Cu. NE	3	A.-Cu.	Cu.-N.
15	NE	NE	NE	NE	NE	NE	74.6	97.2	92.8	137	401.6	8	Ci.-S.	S.-Cu. NE	6	Ci.	Cu. ENE
16	NE	NE	NE	NE	NE	NE	97.6	113.7	125.8	104.1	441.2	8	Ci.-S.	Cu.-N. ENE	8	Ci.-S.	Cu.-N. NE
17	NE	NE	NE	NE	NNE	NE	106.4	103	92.3	104.1	405.8	2	Ci.-S.	Cu.	8	------	Cu.-N. NE
18	NE	NE	NE	NE	NE	NE	96	114.3	118.6	142.1	471	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N. NE
19	NE	NE	NE	ENE	NE	NE	148.6	113.7	102.5	118.8	483.6	10	Ci.-S.	Fr.-N. NNE	10	------	N.
20	NE	NE	E	NE	Calm	NE	82.3	35.9	50.1	56	224.3	10	------	N.	10	------	N.
21	NE	ENE	NE	NE	NE	NE	45.9	43.8	40.2	49.7	179.6	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	Fr.-N. ENE
22	Calm	NE	NE	NE	ENE	NE	43.5	70.6	57.9	76.7	248.7	1	Ci.	Cu. NE	3	------	Cu. NE
23	NE	NE	NE	ENE	NE	NE	93	72.9	74.6	99.5	340	8	Ci.-S.	Fr.-N. NE	1	------	Cu.
24	ENE	NE	NE	NE	NE	NE	60.9	92.8	88	75.1	316.8	9	Ci.-S.	Fr.-N. NE	7	Ci.-S.	Cu.-N. NE
25	NE	NE	NE	NE	NE	NE	48.6	69	74.5	93.8	285.9	9	Ci.-S.	N. NE	4	A.-Cu.	Cu.
26	NE	NE	NE	NE	NE	NE	103.8	132.8	109.1	------	------	9	------	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
27	NE	NE	NE	NE	NE	NE	------	------	159.9	141.8	------	10	Ci.-S.	Cu.-N. NE	3	------	Cu.
28	NE	NE	NE	NNE	NE	NE	106.2	118.8	130.7	124.7	480.4	8	------	Fr.-N. NE	5	------	Cu.-N. NE
29	NE	NE	NE	ENE	NE	NE	98	116.9	130.4	90.1	435.4	2	Ci.	------	1	Ci.	Cu.
30	Calm	Calm	NNE	NE	NE	NE	15.9	64.1	135.7	147.8	363.5	8	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu.-N. NNE
31	NE	NNE	NE	NNE	NE	NE	128.7	106.2	127.4	109.4	471.7	10	------	N. NE	10	Ci.-S.	Fr.-N. NE
Mean	------	------	------	------	------	------	79.2	87.7	95.8	95.9	351.9	7	------	------	6.3	------	------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 4.2 meters; gravity correction not applied, —1.77 mm.]

FEBRUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.19	61.26	62.24	60.76	61.81	63.11	22.7	23.5	24	23.4	23.5	23.9	24.4	22.5	98	96	91	97	91	86	37.2
2	62.20	62.06	63.65	61.55	62.20	63.74	23.8	23.8	24.2	24.9	23.5	23.5	25.1	22.5	85	85	86	81	90	90	9.2
3	62.63	62.29	63.83	61.46	61.81	62.94	23	23.1	24	24.4	24	23.6	25	22.6	92	90	91	88	87	90	15.7
4	61.38	61.15	62.09	59.29	59.82	60.83	24	23.5	25.4	28.2	26	24.9	29.1	22.5	88	91	84	72	82	88	.8
5	59.81	59.85	60.65	58.19	59.05	60.04	24.9	23.5	25.3	27.7	25.1	24.8	28.3	22.9	87	91	87	79	92	88	44.9
6	59.21	59.06	60.19	58.09	58.83	59.80	24.5	24.1	24.7	29.3	26	25.3	29.5	23.7	87	87	91	75	86	97	8.1
7	59.22	59.39	60.69	58.02	58.35	59.40	24.9	25	28.1	29.5	25.5	25.5	30.1	24.2	88	88	79	71	89	88	26.5
8	58.69	58.42	59.34	57.54	57.64	58.21	24.4	24.4	28.5	28.9	27	26.5	30	23.4	95	94	81	76	83	84	10.7
9	57.36	57.89	58.76	56.80	57.41	58.75	25.4	24.9	28	29.4	26.4	25.9	30.2	24	90	92	80	70	85	85	9.5
10	58.45	58.64	59.52	57.52	57.97	58.87	25.5	25.4	29	29.7	27	25.5	30	24.5	86	85	83	71	82	80	7.6
11	58.45	58.74	59.64	57.55	58.15	59.10	25.5	24.4	29	29.9	26.9	25.2	30	23.5	80	88	74	69	78	86	7.9
12	58.75	58.95	59.74	57.78	58.30	59.53	23.9	23.6	24	24.4	24.6	23.5	27.1	22.3	94	95	96	93	91	90	106.6
13	58.91	59.76	60.78	58.53	59.59	60.54	23.1	22.8	24.1	27.2	23.7	23.6	27.2	22.1	91	93	91	75	93	94	17.9
14	59.74	60.06	60.50	58.70	59.49	60.42	23.6	23.7	27.3	27.5	26.5	26.4	28.5	23	94	94	80	74	80	80	2.8
15	59.65	60.17	60.77	58.61	59.37	60.09	26	25.5	28	29	26	25.6	29.7	25	81	84	77	71	83	87	5
16	59.23	59.30	60.55	57.65	58.73	59.35	25.4	25.5	27.8	29.4	26.5	25.9	30	24	87	87	77	73	85	85	4.6
17	58.74	58.69	59.48	56.91	57.58	59.19	25.1	24.8	29.5	29.9	27	25.7	30.5	23.6	90	92	72	69	80	86	------
18	58.47	58.80	59.87	57.76	58.42	59.82	25	24.5	29.3	30.1	27	25.9	30.6	24	89	92	66	62	77	77	------
19	58.81	59.22	61.10	59.35	60.03	60.81	25.3	25.6	25.4	23.5	23	24.8	27	22.6	78	77	85	92	96	84	39.7
20	60.64	60.78	61.80	60.32	60.98	61.60	24	24.9	27.7	28.2	26.5	25.9	29.2	23	90	87	80	72	77	79	2.3
21	60.87	61.21	61.94	59.94	60.32	61.38	25.1	24.6	28.4	29.1	26.1	24.2	29.7	23.5	83	83	64	60	69	78	------
22	60.90	60.60	61.79	59.06	59.10	60.28	23.7	23.1	29.5	29.7	26.5	25	30.9	22.7	76	74	58	57	71	79	------
23	60.14	60.59	61.30	58.57	59.10	60.70	22.3	21.1	29.6	28.9	26.5	24.2	31.1	20.9	88	95	63	59	62	67	------
24	59.46	59.84	61.32	59.34	59.23	60.30	23.7	23.8	28.5	29.8	26.6	25.9	31.2	23.4	78	79	60	59	72	76	------
25	59.73	60.12	60.77	58.56	59.05	59.98	25.3	25.5	29.6	29.1	26.9	26	30.6	24.5	74	73	79	64	71	77	------
26	59.50	59.44	61.10	58.69	59.03	59.90	25.7	24.9	25	29	26.7	25.7	29.1	23.5	78	88	92	71	82	85	13.9
27	59.32	59.24	60.17	58.06	57.96	58.88	24.8	24.9	29.9	31	26	25.9	31.3	24	85	84	65	62	84	78	------
28	58.25	58.36	59.59	57.71	58.45	59.04	25.2	25.3	29.5	29.5	27	26.1	30.6	23.9	82	86	71	66	75	79	------
Mean	59.63	59.78	60.83	58.65	59.21	60.24	24.5	24.3	27.3	28.2	25.9	25.2	29.1	23.3	86.2	87.5	78.7	72.4	81.9	83.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	370.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	NNE	NE	101.4	125.2	140.3	144.8	511.7	10	------	N.	10	Ci.-S.	Fr.-N. NE
2	NE	NNE	NE	NE	NE	NE	181	170.9	151.3	125.5	628.7	10	Ci.-S.	Fr.-N. NNE	10	Ci.-S.	Fr.-N. NNE
3	NE	NNE	NE	NE	NE	NE	126	119.9	116.7	109.4	472	9	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
4	NE	NE	NE	ENE	NE	NE	106.2	102.5	99.8	81.3	389.8	10	------	Fr.-N. NE	3	Ci.	Cu.
5	NE	NE	NE	NE	NE	NE	78.9	63.6	56.1	52.8	251.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Fr.-N. NE
6	Calm	NE	ENE	ENE	NE	NE	38.8	60.7	80.8	60.4	240.7	8	------	Cu.-N. NE	3	Ci.	Cu.
7	NE	NE	NE	ENE	ENE	NE	62	66	75.1	57.3	260.4	4	Ci.	Cu.-N. ENE	4	Ci.	Cu. ENE
8	Calm	Calm	ENE	ENE	NE	E	19.8	27.1	53.6	49.9	150.4	8	------	Fr.-N. NE	5	Ci. W	Cu. ENE
9	NE	ENE	NE	ENE	NE	NE	45.3	54.2	66.8	56.3	222.6	4	------	Cu.-N. E	3	Ci.	Cu. E
10	NE	NE	ENE	E	ENE	SE	38.9	57.7	89.1	49.4	235.1	4	Ci.	Cu. ENE	2	Ci.	Cu.
11	E	E	ENE	E	ENE	NE	22.7	63.4	97.9	47.3	231.3	8	------	Cu.-N. E	2	Ci. SSW	Cu.
12	Calm	NE	Calm	NE	ENE	E	15.8	31.4	71.8	82.4	201.4	10	------	N.	10	------	N.
13	E	E	E	ENE	NE	NE	66.5	56.3	75.1	62.3	260.2	10	------	N.	10	Ci.-S.	Fr.-N. ESE
14	NE	E	E	ENE	E	E	34.8	82.1	109.1	87.2	313.2	10	------	Fr.-N. ENE	9	Ci.-S.	Fr.-N. ENE
15	ENE	ENE	ENE	E	NE	E	79.9	87.9	89.9	59.3	317	1	------	Cu.	7	Ci.-S. W	Cu.
16	E	ENE	E	ENE	NE	E	64.2	101.4	93.6	48.6	307.8	3	Ci. SW	Cu. E	2	Ci.	Cu.
17	E	E	ENE	E	ENE	E	38.6	57.1	66.8	52.6	215.1	4	Ci.	Cu. E	1	Ci.	Cu.
18	E	NE	ENE	ENE	ENE	NE	46.7	66.6	88.5	99.6	301.4	1	Ci.	Cu.	1	------	Cu. NE
19	NE	NE	SE	E	NE	NE	78.4	81.9	81	56	297.3	4	Ci.-S.	Cu. NE	10	Ci.-S.	Fr.-N.
20	Calm	ENE	NE	E	E	E	60	87.5	108.3	99.3	355.1	4	Ci.	Cu. ENE	8	------	Cu.-N. NE
21	NE	NE	ENE	E	ENE	NE	73.8	99	96	70.2	339	6	------	Cu.-N. NE	1	------	Cu. NE
22	NE	NNE	NE	ENE	NE	Calm	63.4	73.4	80.5	30.9	248.2	3	Ci.	Cu.	1	------	Cu. ENE
23	Calm	Calm	ENE	ENE	NE	NE	5.1	43.1	89.9	73	211.1	1	Ci.	Cu.	3	------	Cu. NE
24	NE	NE	NE	ENE	ENE	NE	47.3	56.8	80	82.1	266.2	5	Ci. S	Cu.	4	Ci.	Cu. NE
25	E	ENE	ENE	E	NE	NE	102.5	116.1	97.7	62.3	378.6	2	Ci.	Cu. ENE	8	Ci.-S.	Cu.-N. ENE
26	NE	NE	ESE	E	ENE	NE	53.4	30.9	72.1	53.3	209.7	10	Ci.-S.	Cu.-N. ENE	8	Ci.-S.	Cu.-N. ENE
27	NE	NE	ENE	E	E	E	50.5	65.8	93.3	53.9	263.5	3	Ci.	Cu.	3	Ci.	Cu.-N. NE
28	NE	NE	ENE	E	ENE	ENE	37.5	72.7	80.5	61.4	252.1	7	Ci.	Cu.-N. NE	7	Ci. SW	Cu.
Mean	------	------	------	------	------	------	62.1	75.8	89.3	70.3	297.5	6	------	------	5.5	------	------
Total	------	------	------	------	------	------	------	------	------	------	8,331	----	------	------	----	------	------

LEGASPI.

[ϕ=13° 09′ N ; λ=123° 45′ E ; barometer above sea, 4.2 meters ; gravity correction not applied, —1.77 mm.]

MARCH, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maxi-mum.	Mini-mum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	58.69	58.84	60.24	58.21	58.31	59.29	25.2	25.1	29.3	31	26.5	25	31.7	24	82	80	66	59	83	88	22.3
2	58.35	58.16	59.43	57.04	57.37	58.07	23.6	23.5	25	26.1	25.6	25	27.2	22.6	92	92	91	90	88	92	24.4
3	57.38	58.18	59.42	57.36	57.50	59.03	22.9	21	28.7	30.4	26.8	26.1	31.1	20.8	90	99	72	66	85	82	------
4	58.34	59.17	60.31	57.91	58.25	59.49	24.4	24.9	29.1	29.8	27.1	25.8	30.5	23.7	92	89	70	66	76	81	------
5	58.99	59.09	60.54	58.29	58.68	59.53	25.3	25.6	29.6	29.8	27.4	26	31	24.9	80	79	64	66	74	79	------
6	59.17	59.54	60.93	58.74	59.05	60.04	25.7	23.1	28.6	27.7	26.1	25	29.7	23	80	98	67	72	79	83	.3
7	59.47	59.04	60.37	58.43	59.15	60.23	25.3	25.4	29.5	28.1	26.5	25.9	31.1	24.9	81	81	61	69	69	78	2.8
8	59.17	59.76	60.95	59.20	59.62	61.09	26	23.4	25.6	25	26	25.8	27.5	23.4	77	97	80	89	83	81	6.9
9	60.17	60.40	61.70	59.62	60.33	61.73	25	24.6	25.1	26.2	26.5	25.9	27.2	23	84	87	91	76	70	81	17.5
10	61.19	61.43	62.64	60.81	61.37	62.65	24	24.4	28.3	29.6	26.5	25.4	29.8	23.6	87	85	63	58	71	78	------
11	61.68	61.03	62.24	60.19	60.83	62.27	25	24.6	28.8	29.1	26	24.9	30	24	80	83	69	67	82	83	------
12	61.61	61.53	62.55	59.88	60.07	61.13	23.9	23.1	25.5	28.3	26.2	24.7	29.3	22.5	89	94	80	68	75	85	12.5
13	60.51	60.63	61.97	59.93	60.44	61.74	24.5	25.4	26.7	28.4	26.1	26	28.8	22.2	83	77	71	64	73	72	2.6
14	61.10	61.04	63.16	60.53	60.67	61.38	25	24.3	26	27	26	24.9	27.4	21.8	78	85	79	73	69	81	14.7
15	60.88	60.53	61.14	59.14	58.99	59.67	24.2	23.7	26.5	27	25.6	25.5	28.9	23	79	77	66	69	75	75	.8
16	58.52	58.36	58.66	55.81	56.56	56.10	24.2	23.3	25.5	25.6	23.3	24.4	25.7	22.7	84	90	78	79	93	83	62.2
17	54.15	53.68	53.93	51.75	52.35	53.98	23.5	23.6	24.3	23.2	24.2	23.7	24.6	22.5	87	97	96	99	90	95	104.6
18	54.36	55.17	56.94	55.79	56.18	58.50	23.5	23.6	26.8	28	26.4	24.6	29.6	23	92	94	78	74	76	90	.3
19	57.84	57.78	58.69	56.64	57.35	59.38	24.1	22.8	28.7	29.7	27.3	26.3	30	22.4	92	97	70	72	82	86	------
20	58.90	59.24	60.49	58.01	58.76	60.13	23.4	23.6	29.1	30.3	26.9	26	31.1	22	90	95	74	69	82	87	------
21	59.22	59.85	60.98	58.48	58.93	60.17	25	23.9	30	30.1	27.2	26.4	31	23.4	90	94	69	69	78	80	7.6
22	59.22	59.98	60.99	58.52	59.30	59.95	25.4	23.7	28	28.6	25.9	24.5	30.6	23.4	84	97	77	77	83	92	1.3
23	59.13	59.20	60.66	58.43	58.88	60.10	25.2	25.4	29.8	28.1	27	26.3	31	23.7	88	86	70	79	84	89	8.9
24	59.40	60.40	61.34	59.49	59.86	61.78	25.6	25.3	29.4	29.8	27.4	26.3	30.6	24.6	93	93	74	71	82	89	2.8
25	61.47	61.70	62.61	60.57	60.87	62.68	25.7	26	29.5	30.3	27.2	25.9	30.7	24.9	88	84	69	62	76	80	1.8
26	62.12	61.82	62.97	60.93	61.08	61.83	25	25.9	27.6	29.4	27.2	25.7	30	24.4	80	78	80	71	76	83	6.6
27	60.85	60.74	61.52	59.54	59.43	60.28	26.3	26.4	28.6	29.6	26.7	25.1	30.7	24.5	79	80	71	72	81	91	7.8
28	59.39	59.52	60.91	58.86	59.17	60.38	26	25.4	29.4	30.4	27.5	26.6	30.8	24.8	85	92	68	66	78	83	2.5
29	59.40	59.29	60.49	58.73	59.02	60.10	25.5	25.9	29.8	29.4	27.6	24.5	31	22.7	85	85	66	69	73	91	17
30	59.22	58.37	59.38	57.84	58.50	59.43	25.6	25.8	28.4	28	26.5	26.6	29.9	24.4	86	86	81	81	80	86	2.6
31	58.33	58.30	59.67	57.70	58.06	59.14	26.5	26	27.5	27.1	26.5	26.7	29.7	23.2	86	88	85	83	87	83	18
Mean	59.30	59.41	60.57	58.46	58.87	60.04	24.9	24.5	27.9	28.4	26.4	25.5	29.6	23.4	85.3	88.4	74.1	72.4	79.1	84.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	348.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	ENE	E	NE	ESE	53.1	71	-----	80.2	------	9	Ci.-S.	Cu.-N. NE	3	Ci.	Cu.-N.NE
2	NE	NNE	NE	NE	NE	Calm	56.8	75.1	63.3	34.6	229.8	10	------	Fr.-N. NE	8	Ci.-S.	Cu.-N.NE
3	Calm	Calm	Calm	E	E	E	7.4	19.5	59.2	50.2	136.3	1	Ci.	Cu.	1	------	Cu.
4	Calm	NE	ENE	E	ENE	NE	30.3	67.9	90.6	55.8	244.6	3	A.-Cu. NW	Cu.	1	------	Cu.
5	NE	ENE	ENE	E	NE	Calm	38.6	57.9	92.2	35.1	223.8	3	------	Cu.-N. NE	3	Ci. SSW	Cu.
6	Calm	Calm	NE	ENE	ENE	NE	15.3	25.5	62	64.7	167.5	7	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.NNE
7	NE	NE	NE	NE	NE	NE	78.4	87.2	145.3	95.5	406.4	10	Ci.-S.	Fr.-N. NE	9	Ci.-S.	Cu.-N.NE
8	NE	E	ENE	E	NE	E	81.8	74.8	74.8	72.4	303.8	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N.NE
9	NE	NE	ENE	ENE	NE	E	115.9	100.6	118.3	107.8	442.6	8	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Fr.-N.NE
10	E	ENE	ENE	E	NE	NE	90.9	100.6	79.7	65.4	336.6	10	Ci.-S.	Fr.-N. NE	2	Ci.	Cu.
11	NE	NE	NE	ESE	NE	E	49.7	59.2	70	79.9	258.8	1	Ci.	Cu.	6	------	Cu.-N. E
12	Calm	ENE	ENE	E	NE	NE	9.4	56	53.1	46.7	165.2	10	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	Cu.
13	ENE	ENE	E	E	E	E	68.4	127.9	110	94.3	400.6	5	------	Cu.-N. ENE	6	Ci.	Cu. E
14	NE	NE	NE	ENE	NE	NE	69.2	80.5	93.3	83.4	326.4	8	------	N. ENE	7	Ci.-S.	Fr.-Cu. NE
15	NE	ENE	ENE	NE	ENE	NE	64.4	86.3	86.9	90.4	328	5	Ci.-S.	Cu.	10	Ci.-S.	Fr.-N.NNE
16	NE	NE	NNE	NE	Calm	NE	72.9	77.2	34.6	37.5	222.2	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. N
17	NW	NNE	Calm	W	WSW	SW	74.5	41.8	66.8	38.1	221.2	10	Ci.-S.	Fr.-N. N	10	Ci.-S.	Fr.-N. NW
18	W	W	W	W	SW	Calm	62.5	82.9	51.2	13.1	209.7	10	Ci.-S.	Fr.-N. W	10	Ci.-S.	Cu.-N. W
19	Calm	Calm	ESE	E	E	Calm	13.5	32	56.3	32.4	134.2	3	Ci.	Cu.	3	Ci.	Cu. S
20	Calm	Calm	E	E	E	E	9.5	30.9	43.3	37.3	121	4	A.-Cu. ESE	Cu.	3	------	Cu.-N. SE
21	Calm	Calm	ENE	ENE	ENE	NE	19.5	45.1	100.4	49.6	214.6	4	Ci. S	Cu.	2	Ci. S	Cu.
22	NE	NE	NE	E	NE	Calm	47.2	46.2	68.7	20.4	182.5	10	------	N. E	9	Ci.-S.	Cu.
23	E	NE	ENE	E	NE	NE	42.3	46.5	49.6	36.8	175.2	5	Ci.	Cu. E	3	------	Cu.-N. S
24	NE	NE	ENE	E	E	NE	38.9	66	105.1	63.8	273.8	8	------	Cu.-N. NE	2	Ci.	Cu.
25	E	ESE	ESE	SE	E	NE	57.9	83.2	111.8	75	327.9	1	------	Cu.-N. E	1	------	Cu.
26	E	NE	ESE	E	ESE	NE	65.2	81.3	89.8	75.8	312.1	6	------	Cu.-N. E	2	Ci.	Cu.
27	E	E	NE	ENE	E	NE	106.7	92.3	105.2	103.2	407.4	5	Ci.	Cu. ENE	6	Ci.	Cu.-N. E
28	E	NE	ENE	E	NE	NE	81.3	89.3	110.4	74.5	355.5	0	------	------	1	------	Cu.
29	NE	NE	ENE	E	NE	E	74.2	93.8	101.1	66	335.1	4	------	Cu.-N. ENE	3	------	Cu. E
30	NE	NE	ENE	E	E	E	61.2	87.5	101.2	66.8	316.7	1	------	Cu. ENE	8	Ci.-S.	Cu.-N. E
31	E	NE	ENE	E	NE	E	79.2	74.5	77.5	89	320.2	2	Ci.	Cu.	9	Ci.-S.	N.
Mean	------	------	------	------	------	------	56	69.7	82.4	62.4	270	5.6	------	------	5.7	------	------

LEGASPI.

[ϕ=13° 09′ N ; λ=123° 45′ E ; barometer above sea, 4.2 meters ; gravity correction not applied, —1.77 mm.]

APRIL, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.84	59.02	60.07	58.44	58.68	59.98	26.5	26.4	29.6	30.5	27.8	26.4	31	25.5	80	82	68	66	78	86	-----
2	59.18	59.50	60.48	58.38	58.63	60.03	25.9	25.7	30.2	30.6	27.6	26.1	31	25.3	86	85	68	66	73	86	1.8
3	59.13	59.12	60.12	58.82	59.05	59.69	25.5	24.9	25.7	24.4	24.2	24.6	30.6	23.5	87	89	87	89	91	87	35.5
4	58.44	58.80	59.73	57.70	57.80	58.95	25.4	24	26.3	29.4	27	25.9	30.5	22.7	91	92	90	70	77	85	13.2
5	58.39	58.54	59.97	57.96	58.33	59.72	25.3	25.4	29	30.2	27.6	26.5	30.6	24.5	88	87	74	68	76	84	.8
6	59.08	59.24	60.67	58.58	58.64	59.82	26	24.6	29.1	30.4	27.5	26.9	31.4	24.1	86	91	72	61	80	81	4
7	59.14	59.44	60.47	58.68	58.39	60.34	25.9	25.2	28.5	29.5	27	24.9	30	23	83	88	75	72	80	83	8.9
8	59.24	59.09	60.19	58.46	58.30	59.48	24.9	25.2	30	30.1	27.5	26.5	31.3	24	87	85	68	65	77	76	-----
9	58.20	58.39	60.68	58.25	58.44	59.68	25.6	25.4	25.5	28.5	27	25.7	29.4	23.1	83	82	84	74	78	84	64.5
10	58.89	59.01	59.94	57.69	57.98	59.58	23.9	24.1	29.8	30.3	27.4	26.5	30.8	23	86	91	72	66	78	83	.3
11	58.66	58.72	59.75	57.83	58.43	59.58	25.9	25.7	30.5	30.9	27.6	26.4	31.8	24.5	87	89	68	65	80	84	-----
12	58.59	58.51	59.73	57.86	58.20	59.50	25.7	26	30.2	31	27.6	26.1	31.9	25.4	85	84	64	59	74	81	-----
13	58.72	58.74	60.58	58.83	59.42	60.50	25.4	25.5	29.8	30.3	28	26.6	31.2	24.5	80	80	66	61	73	81	6.6
14	59.20	59.45	60.78	58.86	59.62	60.93	26.1	25.7	27.5	28.1	27.5	26.5	29.7	24.9	84	87	81	80	81	80	7.4
15	60.35	60.29	61.39	59.73	60.17	61.04	26	26.7	28.7	29.7	28	27.1	31	25.4	83	86	73	73	77	83	-----
16	59.58	59.54	60.53	58.91	59.04	60.23	26.9	26.7	29.7	30.3	27.9	26.5	31.6	25.4	80	80	70	65	71	80	1.3
17	58.99	58.90	59.83	57.42	57.57	59.15	25.6	23.8	28.8	31	27.9	24.1	31.7	22	84	89	66	59	74	91	-----
18	58.16	57.59	57.98	56.01	56.58	58.05	21.4	21.1	29.5	31	28	26	31.7	20.3	92	91	67	62	74	81	-----
19	56.80	56.86	57.99	56.37	56.74	58.15	23.8	22.4	28.5	31.2	27.9	26.5	32.6	21.4	85	92	73	59	74	81	-----
20	57.36	57.56	58.52	56.36	56.71	58.10	22.3	21.9	29.5	31.4	28.6	25	32.6	21.1	89	92	70	56	67	88	-----
21	57.28	57.51	58.01	55.86	56.52	57.68	22.6	22.2	30.5	32	28.5	27.6	32.9	21.8	91	94	66	61	74	79	-----
22	56.43	56.60	57.96	55.79	56.83	57.66	26.9	26.7	30.5	27.4	25.9	25.7	30.9	24.1	90	82	68	79	81	86	17.1
23	56.31	56.52	57.43	55.63	56.57	57.67	24.8	25.9	27.7	28.4	25.4	24.4	29	24.1	96	85	79	72	83	96	29.2
24	56.86	56.84	58.45	57.52	58.29	59.39	24.4	24.7	27.7	29	26.9	24.6	30.3	24	97	97	84	71	83	92	3.3
25	58.77	59.17	59.94	58.29	59.38	60.37	23.8	23.6	31.3	26.6	27	26.9	32	22.7	95	95	66	83	84	88	4.3
26	59.34	59.47	60.26	58.54	58.78	60.43	26.9	27	30.6	30.9	28.1	26.9	31.6	26.4	88	86	74	70	79	86	10.2
27	59.33	59.49	60.50	58.52	58.76	60.63	26.7	26.6	30.3	30.1	28.1	26.7	31.3	25	86	86	68	71	77	83	-----
28	59.55	59.64	60.82	58.83	59.52	60.29	26	26.4	30	29.9	28	27.1	31.4	25.1	85	85	71	69	80	83	4
29	59.77	59.70	60.62	58.92	59.56	60.99	26.4	26.2	30.3	29.9	28	26.2	31.9	24.6	86	87	71	69	77	83	3.8
30	59.94	59.62	60.53	58.92	59.21	60.18	25.9	26.3	30.6	29.5	28	26.4	32	25.5	80	82	65	58	75	79	2.1
Mean	58.62	58.69	59.80	57.93	58.34	59.59	25.3	25.1	29.2	29.8	27.4	26.1	31.2	23.9	86.7	87.4	72.3	68	77.5	84	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	218.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	ENE	ENE	ENE	E	NE	NE	90.3	92.5	95.2	66.3	344.3	1	Ci.	Cu. ENE	2	-----	Cu. E
2	NE	NE	ENE	E	E	NE	57.9	66	83.9	56	263.8	1	Ci.	Cu.-N.	2	Ci.	Cu.
3	Calm	E	ESE	Calm	NE	NE	44.9	68.1	63.1	82.1	258.2	9	Ci.-S.	Cu.	10	Ci.-S.	Fr.-N. ENE
4	NE	NE	ENE	E	NE	E	87.4	71.6	109.7	67.3	336	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	Fr.-N. ENE
5	NE	NE	ENE	E	NE	E	59.5	75.4	84	65.8	284.7	3	Ci.	Cu.-N. ENE	2	Ci.	Cu.
6	E	E	NE	E	NE	E	58.9	75.6	104.8	89	328.3	9	Ci.-S.	Cu.-N.	7	Ci.	Cu. NE
7	ENE	NE	NE	ENE	NE	ENE	60.6	67.6	78.9	61.8	268.9	1	-----	Cu.-N. NE	4	-----	Cu.-N. ENE
8	NE	NE	NE	ENE	NE	NE	66	80.8	85.3	58.2	290.3	2	-----	Cu.-N.	1	-----	Cu.
9	NE	NE	ENE	E	E	E	60	58.7	62	45.9	226.6	1	-----	Cu.	3	-----	Cu.
10	Calm	NE	ENE	E	E	NE	42.1	66.5	81.8	47.5	237.9	4	A.-Cu.	Cu.-N. ENE	1	-----	Cu.
11	NE	NE	ENE	ENE	NE	E	41.2	60.7	69.7	46.1	217.7	1	-----	Cu.	1	-----	Cu.
12	NE	E	ENE	ESE	NE	Calm	47.5	63.3	62.8	43.1	216.7	1	-----	Cu. ENE	3	Ci. WSW	Cu.
13	E	NE	ENE	E	NE	NE	46.5	83.5	77.9	65.5	273.4	3	Ci.	Cu.	1	-----	Cu.
14	NE	NE	NE	ESE	NE	NE	59.2	51.7	60.2	43.5	214.6	7	-----	Cu.-N. ENE	9	Ci.-S.	Cu.-N. E
15	NE	NE	ESE	E	NE	NE	46.7	77.7	69.5	67.1	261	7	A.-Cu.	Cu. ENE	8	Ci.-S.	Cu. SE
16	E	E	E	E	NE	NE	83.4	79.5	84.2	56.8	303.9	2	-----	Cu.-N. NE	1	-----	Cu.
17	NE	Calm	E	E	E	Calm	25.4	40.5	51.5	23.3	140.7	2	-----	Cu. E	1	Ci.	Cu.
18	Calm	Calm	ENE	ESE	NE	Calm	14.3	30.3	62.5	29.8	136.9	1	Ci.	Cu.	1	Ci.	Cu.
19	Calm	Calm	ENE	ESE	NE	E	15.1	26.8	57.7	35.6	135.2	8	Ci.-S.	Cu.	7	Ci. SW	Cu.
20	Calm	Calm	ESE	E	NE	Calm	15.8	32.7	56.6	25.4	130.5	9	Ci.-S.	Cu.	6	Ci. S	Cu.
21	Calm	Calm	ESE	ESE	ENE	E	15.1	32.5	62.8	71.9	182.3	8	Ci.-S.	Cu.	7	Ci.-S. S	Cu.
22	NE	NE	ESE	ESE	NE	E	68.6	66.6	76.9	89	301.1	9	A.-Cu.	Cu.-N. NE	10	Ci.-S.	Fr.-N. NE
23	E	E	ENE	E	Calm	Calm	75.6	81.3	50.7	15.1	222.7	9	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	N.
24	Calm	Calm	S	SW	Calm	Calm	22.5	26.9	44.3	12.6	106.3	10	Ci.-S.	Fr.-N. S	9	Ci.-S.	Fr.-N. S
25	Calm	Calm	NE	E	NE	E	11.9	40.8	46.2	30.1	129	7	Ci.	Cu. S	10	-----	N.
26	NE	E	ENE	E	E	NE	66.3	90.9	100.3	50.9	308.4	1	Ci.	Cu.	1	-----	Cu.-N.
27	E	E	ENE	ENE	NE	NE	45.1	69.2	85.1	55	254.4	3	-----	Cu.-N.	1	-----	Cu.-N.
28	NE	NE	E	ENE	NE	E	43.5	83.4	84.2	-----	-----	1	Ci.	Cu.-N. E	1	Ci.	Cu.
29	NE	E	NE	E	NE	E	-----	-----	62.5	63	-----	7	-----	Cu.-N. E	2	-----	Cu.
30	E	ENE	ENE	E	NE	NE	54.1	72.4	76.4	65.7	268.6	2	Ci.	Cu. NE	1	-----	Cu.
Mean	-----	-----	-----	-----	-----	-----	49.2	63.2	73	52.7	237.2	4.6	-----	-----	4.4	-----	-----

LEGASPI.

[ϕ=13° 09′ N ; λ=123° 45′ E ; barometer above sea, 4.2 meters ; gravity correction not applied, −1.77 mm.]

MAY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.98	59.40	60.21	58.02	58.23	59.48	26.4	26.3	29.4	29	27.9	26	31.8	24.4	80	85	72	76	78	83	4.1
2	58.55	58.42	59.25	56.87	57.46	58.84	25.3	25.1	30.6	30.6	28.1	25	31.7	23.5	84	91	67	65	79	88	------
3	58.09	58.13	59.10	56.91	57.34	58.79	25.9	26.4	30.6	31	28	27	32.9	24.1	83	82	64	62	74	81	------
4	58.41	58.41	58.77	56.91	57.33	58.80	24.2	26.3	31.2	29.1	26.6	26.8	32.8	22.4	91	85	61	70	83	85	1.3
5	57.57	57.66	57.84	55.84	56.06	56.84	24.5	22.8	31.2	31.2	28.4	25	32.4	22	86	92	61	59	68	84	.5
6	55.19	55.14	55.49	54.23	54.37	55.89	25.3	25.4	28.6	30.1	28	27.3	32.1	24.5	88	88	75	62	71	82	4.1
7	55.03	55.14	56.49	54.55	54.89	56.38	26.4	26.1	29.4	31.9	28.5	26.5	33.2	25.5	87	87	75	62	73	84	------
8	55.71	55.39	56.41	54.64	55.33	56.80	25.5	26	31.9	32.9	28.1	26.1	33.7	25	91	89	66	56	81	88	------
9	56.31	56.77	56.78	54.46	55.68	57.06	25.8	26	32	33.4	27.4	24.9	34.7	24	86	91	58	60	84	92	.3
10	56.89	57.30	57.43	55.16	56.28	57.63	24.1	23.9	30.5	31.7	27.5	27.1	33.5	23	97	96	70	69	81	88	------
11	57.31	57.89	58.92	56.87	56.81	57.97	25.3	24.9	30.5	31.1	28.5	27.5	32.3	24.2	94	92	70	65	71	81	------
12	57.24	57.96	58.73	57.37	56.97	58.68	26.2	25.6	30.1	30.1	28.4	26.9	32.1	24.5	89	87	67	62	73	82	------
13	57.76	57.90	58.22	56.36	56.56	58.23	25.2	24	30.2	31.5	28.5	26.1	32.3	22.7	87	91	66	65	74	84	------
14	57.61	57.72	58.50	56.17	56.61	57.99	24.9	24.7	30	32.4	28.9	27.1	33.3	23.5	89	90	65	56	74	79	------
15	57.59	57.98	58.61	56.87	57.18	58.63	25.9	21.7	31.7	30.7	28.4	25.9	33.1	21.1	85	91	58	62	74	85	------
16	57.26	58.08	58.92	57.07	57.66	58.69	23	23.4	30.2	32.2	28.5	25.4	34.5	21.8	89	91	60	54	70	84	------
17	57.85	58.42	58.76	57.17	57.12	58.99	25.2	24.9	27.5	28.9	28.6	25	31.5	24.4	85	90	78	71	77	92	------
18	57.86	58.25	59.29	57.58	58.03	59.57	23.9	24.9	30.7	31.7	28.9	25.1	34.5	23.5	92	92	67	63	75	92	3
19	58.89	59.05	59.31	57.68	58.67	60.23	24.9	25	32	26.9	27.5	24.7	33.6	23.2	92	91	57	84	87	93	4.4
20	59.53	59.76	60.49	58.93	59.42	61.33	23.8	23.9	29	27	27	23.8	31.5	22.7	91	88	76	83	83	95	19.1
21	60.23	60.01	60.57	58.45	58.52	60.13	22.9	23	30.2	30.9	28.6	26.1	32	22	97	97	70	64	78	88	------
22	59.17	59.35	60.05	57.62	57.41	59.16	23.9	23.7	29.5	31.5	28.5	27.5	32.3	23	97	93	71	60	78	82	------
23	57.96	57.76	58.83	56.62	57.37	58.48	24.5	24	30.1	31	28.5	25.5	32.3	22.8	94	95	65	63	78	92	------
24	57.49	57.28	57.82	55.86	57.29	58.57	24.7	24.6	31.4	31.9	29	24.8	33.9	23.7	90	90	66	64	78	88	13.7
25	57.60	57.84	58.49	56.86	58	58.74	24.4	25.5	31.2	31.4	27	24.2	32.9	23.5	91	91	69	68	77	95	------
26	58.22	58.14	58.13	56.51	56.91	57.65	24.6	25.6	31.4	32.6	28	26	33.8	23.9	94	92	66	56	77	88	------
27	56.52	56.49	57.66	56.06	56.33	57.68	25.9	26	31.8	33.7	29.1	26.8	34.8	24.8	88	89	59	49	70	79	------
28	57.11	57.08	57.03	56.06	57.03	59.01	25.7	26.7	31.3	34	30	26.7	34.8	25.2	84	87	64	52	64	79	.8
29	58.05	58.24	58.72	57.20	58.67	59.54	25.9	24.6	33	33.7	26.8	25.9	35.3	23.7	82	90	59	52	80	88	------
30	58.75	59.11	59.51	57.99	58.83	59.84	24.6	23.6	31.3	31.9	29	28.1	33.1	23	90	95	73	65	76	79	------
31	58.35	58.59	58.87	57.27	57.71	59.09	24.9	25.3	30.5	31.2	28.8	28.1	32.5	23.7	93	93	65	67	79	82	------
Mean	57.71	57.89	58.49	56.65	57.16	58.54	25	24.8	30.6	31.2	28.2	26.1	33.1	23.5	89.2	90.4	66.5	63.4	76.3	85.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	51.3

Day.	Wind. Direction.						Wind. Total movement in 6 hours.				Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	ENE	E	E	E	E	------	------	68.4	57.9	------	2	------	Cu.-N. NE	3	Ci.	Cu.-N.NE
2	Calm	Calm	ENE	E	E	Calm	19.8	44.1	65.2	22.2	151.3	3	------	Cu.-N. NE	2	Ci.	Cu.
3	NE	Calm	ENE	E	ENE	NE	41.2	60.2	70.6	36.2	208.2	1	Ci.	Cu.	2	------	Cu.
4	Calm	NE	ENE	NE	NE	NE	23.5	72.7	77.7	67.6	241.5	2	Ci.	Cu.	9	Ci.-S.	Cu.-N. N
5	Calm	Calm	NE	NE	NE	Calm	16.7	82.1	100.8	31.7	231.3	10	Ci.-S.	Cu.	7	Ci.-S.	Cu. NE
6	Calm	WNW	WNW	W	Calm	SW	33.5	90.6	59.8	37.5	221.4	9	Ci.-S.	Fr.-Cu. NW	10	Ci.-S.	Cu.-N. WNW
7	WSW	SW	SW	SSW	WSW	Calm	64.4	75.1	74	41.8	255.3	8	Ci.-S.	Cu.	9	Ci.-S.	Cu. SW
8	W	WSW	W	W	Calm	Calm	47.3	79.2	67.4	16.1	210	4	Ci.	Fr.-Cu. WSW	3	Ci.	Fr.-Cu. WSW
9	Calm	SW	WSW	SW	Calm	Calm	20.1	45.7	36.8	9.5	112.1	6	Ci.	Cu. W	2	------	Cu. SW
10	Calm	Calm	E	ESE	Calm	Calm	11.5	30.6	50.4	7.8	100.3	3	------	Cu. WSW	2	Ci.	Cu.-N.
11	Calm	Calm	E	E	E	E	8	35.2	48.5	54.2	145.9	1	Ci.	Cu.	3	Ci.	Cu.
12	Calm	Calm	E	E	NE	E	13.4	42	65	38.6	159	2	Ci.	Cu. ENE	9	Ci.-S.	S.-Cu.
13	Calm	Calm	ENE	E	NE	Calm	12.9	43.5	60.9	35.6	152.9	1	Ci.	Cu. NE	1	Ci.	Cu.
14	Calm	Calm	ENE	ESE	SE	E	16.1	42	64.4	56.6	179.1	0	------	------	0	------	------
15	E	Calm	E	ENE	E	Calm	23.5	51.8	57.3	24.6	157.2	4	Ci.	Cu.	8	Ci.	Cu.-N.
16	Calm	Calm	SW	WNW	Calm	Calm	16.3	39.4	50.7	21.9	128.3	7	Ci.-S.	Cu.	8	Ci.-S.	Cu. W
17	Calm	Calm	S	Calm	SW	Calm	23.6	55.5	38.9	26.6	144.6	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.
18	Calm	Calm	SW	WSW	SSW	Calm	14.8	44.8	43.1	16.1	118.8	4	Ci.	Cu.	7	Ci.-S.	Cu.-N.
19	Calm	Calm	WSW	Calm	Calm	Calm	12.9	30.1	17.4	10	70.4	4	A.-Cu.	Cu.	8	------	N.
20	Calm	Calm	ESE	SW	Calm	Calm	18.5	32.2	24.1	12.4	87.2	2	Ci.	Cu.	10	Ci.-S.	N.
21	Calm	Calm	E	E	E	Calm	6.9	41.8	65.4	18.5	132.6	0	------	------	6	Ci.	Cu.
22	Calm	Calm	E	E	E	Calm	16.1	31.9	69.2	29.8	147	7	Ci.	Cu.	3	Ci. SE	Cu.
23	Calm	Calm	ESE	E	Calm	Calm	10.7	37	33.8	15	96.5	4	Ci.	Cu.	8	Ci.	Cu.-N.
24	Calm	Calm	SE	SW	Calm	E	26.2	35.2	28.2	28.2	117.8	6	Ci.	Cu.	7	------	Cu.-N.SW
25	Calm	Calm	SW	SW	SW	Calm	11.3	43.5	45.9	24.1	124.8	8	Ci.-S.	Cu.	9	Ci.-S.	Cu. SSW
26	W	Calm	SW	SW	Calm	Calm	21.1	58.1	57.4	19.3	155.9	8	Ci.-S.	Cu.	7	Ci.-S.	Cu. WSW
27	W	W	SW	WSW	SW	SW	29.5	61	56.5	23.5	170.5	5	Ci.	Cu.	3	Ci.	Cu. SW
28	Calm	Calm	SW	WSW	Calm	Calm	27.7	50.2	55.2	19.5	152.6	7	Ci.-S. NE	Cu.	5	Ci.	Cu. SW
29	W	Calm	SW	SW	Calm	Calm	15.1	36	38.9	12.1	102.1	9	Ci.-S.	Cu. SW	6	Ci.	Cu.
30	Calm	Calm	ENE	ENE	ENE	E	7.2	64.4	97.1	41.3	210	8	Ci.-S.	Cu.	7	Ci.-S.	Cu.
31	Calm	Calm	ENE	E	ENE	E	8.9	55.5	58.4	36.2	159	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	20.6	50.4	56.4	28.8	154.8	4.9	------	------	5.9	------	------

LEGASPI.

[φ=13° 09′ N; λ=123° 45′ E; barometer above sea, 4.2 meters; gravity correction not applied, —1.77 mm.]

JUNE, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	57.88	58.24	58.96	57.16	57.48	59.17	25.9	24.4	30.7	30.8	28.9	26.1	32.5	23.7	85	92	66	69	80	90	------
2	58.32	58.55	58.76	56.52	57.37	59.07	26.9	25.6	31.5	31.6	28.7	27.4	32.8	24.9	86	90	64	65	76	82	------
3	58.09	58.25	58.45	56.37	57.09	58.30	27	27.7	30.8	31.5	28.6	27.4	33.3	25.5	83	79	69	66	73	79	------
4	57.44	57.34	57.97	56.29	56.48	58.13	24.7	27.1	30.8	28.5	28.8	27.9	32.4	24.5	85	79	64	78	78	80	2.5
5	57.82	58.30	58.98	57.61	57.91	59.16	26.1	26.3	29.9	31.7	28.8	28	32.7	25.1	86	87	69	66	76	78	------
6	58.82	59.49	59.91	58.48	58.56	59.92	26.5	26.4	28.8	30.8	28.8	27.1	31.9	25.1	86	88	76	76	68	79	12.2
7	59.39	59.40	59.72	58.26	58.41	60.01	25.5	25.7	31.4	31	28.9	27.7	32	23.9	90	90	61	65	78	83	------
8	59.33	59.13	59.71	58.43	57.91	59.77	26.1	27.3	30.5	31	28.5	27.1	32	24.5	85	79	64	62	78	79	------
9	59.19	59.19	59.70	57.63	57.99	59.68	26.9	27.1	31	30.1	29	28	32.1	25.4	80	83	70	69	72	77	1
10	59.02	59.48	60.25	58.67	59.08	60.34	26.1	26.4	31.2	32	29	27.4	32.4	25.1	83	86	67	63	74	81	19.3
11	60.03	60.19	60.86	59.48	59.79	61.29	27.1	25.4	29.2	27	26.4	26.8	30.6	23	81	92	78	80	76	83	6.9
12	60.03	60.49	60.52	59.32	59.48	60.48	26	26.7	30	31.4	28.9	27.5	31.8	24.6	84	84	69	66	73	84	5.1
13	59.73	59.22	59.52	57.96	58.18	59.67	25.9	26.9	29.8	28.1	28.5	27.1	32.1	25.1	88	88	74	80	81	84	9.3
14	58.95	59.30	59.77	58.38	58.52	59.59	27	25	31.3	31.1	27.5	27	32.5	24.6	83	92	64	69	80	78	------
15	59.02	59.23	59.72	58.26	58.36	59.52	25.7	24.6	31.6	31.9	29	27.5	32.6	23.6	85	93	66	64	74	83	11.7
16	58.63	58.69	59.11	58.08	58.44	59.38	25.5	27	30.6	29.8	28.7	25.6	32.4	22.5	87	86	68	71	75	94	25.6
17	58.79	58.74	59.40	57.57	57.91	58.78	26.8	27.4	31.4	30.5	29	27.6	32.2	24.8	80	81	60	65	74	80	------
18	57.68	57.49	58.57	57.58	57.80	59.04	27.3	27.6	31.2	28.3	26.8	27	32	24.9	79	81	64	80	82	85	15.2
19	58.70	58.63	58.93	57.74	58	59.32	27.1	25.6	30.7	30.4	27.9	27.1	32	23.1	83	86	68	64	77	81	.3
20	58.30	58.15	58.68	56.96	57.56	58.60	24.8	24.5	30	30.1	26.4	26	32	23.3	92	96	72	71	86	91	13.8
21	58.06	58.47	58.68	57.13	57.62	59.48	24.8	24.3	30.3	30.4	28.5	26.5	31.6	23.6	93	97	66	66	74	82	1.5
22	58.54	58.53	59.45	57.49	57.50	58.43	26.4	26.1	26.5	28	27.4	26.7	31.1	24.8	81	88	88	84	84	86	47
23	57.34	57.25	57.94	56.08	56.42	57.65	24.8	24.6	25.4	29.8	26.5	26.9	31.1	24	98	98	93	71	87	84	20.9
24	56.84	56.79	57.58	56.12	56.20	57.65	24.8	24.6	28.2	29.9	28.1	27.4	30.7	23.9	95	96	79	73	79	82	8.3
25	56.86	56.89	57.37	55.82	56.36	57.91	23.9	25.1	30.4	29.7	28.5	25.5	32	23.4	88	94	69	71	78	92	------
26	56.75	56.96	57.01	56.18	56.86	58.05	24.4	24.9	28.9	26	25.6	24.8	32.5	23.1	91	92	74	89	92	93	7.6
27	57.45	57.41	58.28	56.78	56.83	58.45	24.7	24.1	29.3	29.9	28	25	31.5	23.5	92	96	70	65	76	95	3
28	57.87	58.06	58.52	57.33	57.83	59.01	24.4	24.2	29.7	25.6	25.9	24.1	32	23.5	95	94	71	91	93	96	3
29	57.87	58.19	58.93	57.04	57.35	58.67	23.1	22.9	29.9	30	28.3	25	31	22	97	97	67	70	77	91	------
30	57.84	58.28	58.55	56.73	57.44	58.27	23.9	23.6	29	30.2	28.2	26	31	23	94	95	69	65	70	89	------
Mean	58.35	58.48	58.99	57.45	57.76	59.09	25.7	25.6	30	29.9	28.1	26.7	32	24.1	87.2	89.3	70	71.1	78	84.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	214.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.	0–10			0–10		
1	Calm	Calm	E	E	E	Calm	10.2	61	69.5	11	151.7	1	Ci.	Cu.	3	------	Cu. S
2	E	Calm	ENE	E	E	Calm	18.5	59.5	90.1	46.4	214.5	2	Ci.	Cu.	2	------	Cu.
3	E	E	ENE	ENE	E	E	39.7	58.5	90.9	40.7	229.8	2	Ci.	Cu.	6	Ci. W	Cu.
4	Calm	E	ENE	NE	ENE	E	22.2	76.4	81	49.1	228.7	3	Ci.	Cu. E	8	------	Cu.-N. E
5	Calm	E	E	ENE	E	E	28	79.9	113.8	56.8	278.5	6	------	Cu.-N.	1	Ci.	Cu.
6	Calm	Calm	NE	E	ENE	NE	16.6	41.3	77.7	37.8	173.4	3	------	Cu.-N. SE	1	------	Cu.
7	Calm	Calm	ENE	ENE	ENE	E	12.4	48.5	63.8	45.9	170.6	9	Ci.-S.	N.	4	Ci. SW	Cu.
8	NE	NE	ESE	E	ENE	SE	30.9	70.8	93.9	58.7	254.3	5	Ci.	Cu.	7	Ci.-S.	Cu. E
9	E	E	ENE	E	E	NE	44.3	62.8	72.4	60.6	240.1	5	Ci.	Cu. E	8	Ci.-S.	Cu.
10	E	E	E	E	ENE	E	41.8	80.5	104.9	52.5	279.7	3	------	Cu. E	1	Ci.	Cu.
11	NE	E	ENE	E	NE	E	65.7	65.7	80.8	48.3	260.5	5	------	Cu.-N.	10	Ci.-S.	Fr.-N. E
12	E	ESE	E	E	E	Calm	42.8	80	87.4	41.6	251.8	2	A.-Cu.	Cu.	2	Ci.	Cu.
13	E	E	ENE	E	NE	E	53.6	69.4	64.9	44.3	232.2	7	------	Fr.-N.	8	Ci.-S.	Fr.-N. ENE
14	E	Calm	ENE	E	Calm	E	36.7	43.7	55.5	21.7	157.6	3	------	Cu. NE	3	------	Fr.-Cu. SSE
15	Calm	Calm	ENE	ESE	SE	E	7.4	49.3	73.8	53.6	184.1	1	Ci.	Cu. E	3	------	Cu. NE
16	Calm	E	ENE	ENE	NE	Calm	25.5	75.9	78.6	53.7	233.7	4	Ci.	Cu.-N.	8	Ci.-S.	Cu. NE
17	E	E	ENE	E	ENE	NE	38.9	70.8	81.3	48.3	239.3	4	Ci.	Cu.-N. NE	4	Ci.	Cu. E
18	NE	NE	ENE	E	NE	NE	60	64.7	55.8	61.5	242	8	Ci.-S.	Cu.	10	Ci.-S. SW	Fr.-N. E
19	NE	SE	E	E	E	Calm	63.6	72.9	83.7	33.3	253.5	9	------	Cu.-N. NE	7	Ci.-S. NW	Cu.
20	Calm	Calm	ENE	ESE	ENE	Calm	4	40.4	71.6	9.9	125.9	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N. ENE
21	Calm	Calm	ENE	E	NE	SE	1.8	35.4	75.6	45.4	158.2	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.
22	E	Calm	Calm	ENE	E	Calm	25.7	44.3	56.3	32.8	159.1	9	Ci.-S.	Fr.-N. E	9	Ci.-S.	Fr.-N. E
23	Calm	Calm	Calm	E	Calm	NE	11	12.1	45.9	43	112	10	Ci.-S.	N.	9	Ci.-S.	Fr.-N. E
24	Calm	Calm	Calm	Calm	ENE	Calm	25.9	9.1	45.9	37	117.9	4	------	Cu. E	6	Ci.	Cu.-N. NE
25	Calm	Calm	Calm	SE	Calm	Calm	9.4	14.7	23.8	1.9	49.8	8	Ci.-S.	Cu. ENE	8	Ci.-S.	Cu.
26	Calm	Calm	W	Calm	Calm	Calm	.8	17.2	14.3	4	36.3	7	Ci.-S.	Cu.	10	Ci.-S.	N.
27	Calm	Calm	Calm	Calm	Calm	Calm	5.1	9.7	5	1	20.8	5	Ci.-S.	Cu.	10	Ci.-S.	N. S
28	Calm	Calm	Calm	S	Calm	Calm	1.8	24.7	17.7	1.3	45.5	5	Ci.-S.	Cu.	10	------	N.
29	Calm	Calm	Calm	E	E	Calm	1	21.7	71	3.2	96.9	4	Ci.	Cu.	8	Ci.-S. NW	Cu.
30	Calm	Calm	Calm	E	SE	Calm	.6	11.6	34.9	17.2	64.3	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	24.9	49.1	66.1	35.4	175.4	5.4	------	------	6.5	------	------
Total	------	------	------	------	------	------	------	------	------	------	5,262.7	----	------	------		------	------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 4.2 meters; gravity correction not applied, −1.77 mm.]

JULY, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.33	57.64	58.19	56.99	57.61	58.49	24.7	24.4	27.8	27.9	26.2	25.1	29.4	23.7	94	95	83	71	81	83	------
2	57.46	57.47	58.02	57.43	58.12	58.70	24.4	23.7	29.8	26	25	24.4	32	22.6	88	93	69	92	91	91	23.3
3	57.83	58.25	57.78	56.59	57.60	58.72	24.2	24.6	31.8	28.1	24.7	24.4	33	23.5	92	92	61	79	92	94	12.7
4	58.51	57.71	58.33	56.78	58.66	60.05	24.3	24	31	31	25.3	25	32.6	23.4	94	95	68	69	89	95	12.7
5	59.42	59.74	60.47	58.85	59.72	61.39	24.1	24	31	31.4	27.8	24.9	32.4	23.4	95	95	67	67	82	94	------
6	60.83	60.90	61.25	59.40	59.58	61.29	23.8	23.4	30.2	31.2	29.2	27.7	32.1	22.9	93	96	73	63	70	79	------
7	60.57	60.37	60.71	59.08	59.57	61.50	25.5	24.4	30	31	29.2	25.6	32.1	23.9	88	96	70	65	72	90	------
8	60.74	59.98	59.69	58.31	58.91	59.93	24.3	23.7	30.5	31.8	28.5	26	33.6	23.1	92	96	65	64	74	88	------
9	58.99	58.77	58.67	57.19	57.73	59.18	24.4	25	31.3	33	29.2	25.5	34	23.1	93	92	61	55	65	84	------
10	58.79	58.71	58.27	57.26	57.54	58.45	25	26.6	32.5	34	28.5	26.5	34.7	23.6	83	83	58	51	74	84	------
11	57.90	58.05	58.57	56.59	57.38	58.69	25.5	25.4	29.7	33.5	29.3	26.8	34.2	25	91	93	67	52	68	84	------
12	58.43	57.86	58.29	56.69	56.64	57.96	24.8	24.5	29.6	24.4	26.4	23.6	32.3	23	85	85	71	91	89	90	4.4
13	57.43	56.75	56.58	55.24	55.29	56.72	23.8	24.4	29.2	26.1	27	24.6	31.9	23.2	90	90	76	87	92	87	4.6
14	55.31	55.15	54.96	53.81	54.64	56.44	24.7	25.3	30.7	31.6	27.5	25.8	32.1	23.5	87	86	64	59	77	88	6.1
15	55.54	55.97	56.28	55.20	55.66	56.86	24.3	23.2	27.7	27.2	26.6	25.3	28.3	22.9	94	98	84	87	84	93	31.8
16	56.01	56.98	57.22	55.47	56.50	57.67	25.1	24.5	25	30.4	27.6	25.6	31.3	22.3	88	87	92	66	79	88	55.1
17	57.37	57.75	58.19	57.07	57.59	59.10	24.7	24.4	31.1	30.1	26.2	24.4	32.6	23.7	94	96	60	68	82	88	------
18	58.44	58.87	59.67	57.76	57.61	58.78	23.5	23.2	29.5	30.8	28.6	27.5	31.8	22.3	93	94	69	64	70	81	------
19	57.56	57.71	58.22	57.16	56.98	57.99	26.8	27.1	31.2	30	28	26.6	31.4	25.2	77	78	62	68	74	80	------
20	57.01	57.61	58.49	57.10	57.60	59.59	26.6	25.9	27.4	29.6	28.1	27.2	30.1	24.5	80	83	83	71	78	84	8.4
21	59.24	59.44	59.90	59	59.38	60.78	26.2	24.3	30.8	31.5	28.6	27	31.7	23.7	89	95	71	68	77	86	13
22	59.63	58.98	59.33	57.97	58.67	59.17	25.7	26.2	30.4	30	28.5	27.1	31.4	25.2	93	90	72	75	78	85	2.8
23	57.61	57.46	57.61	56.02	56.33	57.89	24.9	24.4	31	31.8	28.9	27.5	32.1	23.1	93	91	65	64	74	84	------
24	56.35	55.61	56.63	55.31	55.59	56.87	26.9	25.5	31	33	29.2	27.6	33.1	24.2	83	88	65	59	76	84	------
25	56.38	56.71	56.77	55.60	56.41	57.79	24.4	24.1	32.1	32.3	29	27.9	33.8	22.9	91	92	57	59	74	80	------
26	57.24	57.42	57.89	56.50	57.39	58.06	24.2	23.1	30	32.4	29.1	24.9	32.7	22.3	93	95	67	62	70	91	------
27	57.66	58.35	58.28	56.18	56.66	57.87	23.6	23.1	31.3	32.4	29.2	25.4	35	22.2	94	95	60	58	74	93	------
28	57.19	57.44	57.37	55.61	56.25	57.23	24.4	24.6	30.8	33.2	29.5	26.8	34.2	23.3	93	93	67	57	70	83	------
29	56.83	56.91	56.91	55.32	55.71	57.38	25.4	24.5	30.2	30.9	29.2	26.4	32.4	23.7	92	92	70	69	72	83	8.2
30	56.86	56.82	57.75	56.25	56.82	58.43	24.5	25.5	26.9	30	28.5	26.4	32.7	23.5	90	91	87	71	77	81	7.8
31	57.91	58.54	58.78	56.86	57.57	58.85	25.3	25.8	31.4	33.1	27.2	26.1	33.4	24.6	84	81	65	58	84	82	8.4
Mean	57.88	57.93	58.23	56.79	57.35	58.64	24.8	24.6	30.1	30.6	27.9	26	32.4	23.5	89.9	91.2	69.3	67.4	77.7	86.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	199.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	E	W	Calm	Calm	1.3	19.8	15.1	5.9	42.1	3	Ci.	Cu.	10	Ci.-S.	Cu.
2	Calm	Calm	Calm	Calm	SW	Calm	3.5	14.8	12.9	11.9	43.1	8	Ci.-S.	Cu.	10	------------	N.
3	Calm	Calm	WSW	Calm	Calm	Calm	2.1	24.6	28	11.5	66.2	6	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.SW
4	Calm	Calm	SW	Calm	Calm	Calm	2.4	34.6	30.4	3.5	70.9	3	Ci.	Cu.	9	Ci.-S.	Cu.-N. S
5	Calm	Calm	Calm	ESE	Calm	Calm	7.7	25.1	23.8	1	57.6	2	A.-Cu.	Cu.	4	------------	Cu.-N. S
6	Calm	Calm	ENE	E	ENE	Calm	.6	20.6	57.6	22.2	101	0	------------	------------	1	------------	Cu.
7	Calm	Calm	E	E	Calm	Calm	1	19.3	35.4	1	56.7	2	Ci.	Cu.	6	Ci.-S.	Cu.
8	Calm	Calm	Calm	SW	Calm	Calm	.6	19.6	37.8	1.4	59.4	3	Ci.	Cu.	3	------------	Cu. SW
9	Calm	Calm	WSW	WSW	Calm	Calm	1	44.3	34.6	.8	80.7	4	Ci.	Cu.	5	------------	Cu.
10	Calm	Calm	SW	W	Calm	Calm	.8	37.5	37.8	10.7	86.8	2	Ci.	Cu.	3	Ci.	Cu. WSW
11	Calm	Calm	W	W	Calm	Calm	4.2	39.4	33	7.4	84	1	A.-Cu.	Cu.	4	Ci.	Cu. W
12	Calm	W	WSW	W	Calm	SW	11.6	40.5	31.9	16.4	100.4	10	Ci.-S.	N.	10	------------	N.
13	Calm	Calm	WSW	Calm	Calm	Calm	12.4	32.7	13.9	27.2	86.2	10	Ci.-S.	N.	10	Ci.-S.	N.
14	Calm	Calm	WSW	W	Calm	Calm	11.3	56.6	45.6	9.4	122.9	3	Ci.	Cu.	9	Ci.-S.	Cu. W
15	W	Calm	WSW	Calm	Calm	Calm	38.6	12.3	7.8	4	62.7	10	------------	N.	10	Ci.-S.	N.
16	Calm	Calm	Calm	WSW	Calm	Calm	2.2	19	24.4	.6	46.2	10	Ci.-S.	N.	10	Ci.-S.	Cu.
17	Calm	Calm	W	WSW	Calm	Calm	1	31.4	19.9	.6	52.9	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
18	Calm	Calm	Calm	E	Calm	Calm	.6	9.5	38.6	5.8	54.5	10	Ci.-S.	Cu.	2	------------	Cu.
19	Calm	Calm	ENE	E	E	E	6.4	37	46.2	47.7	137.3	2	Ci.	Cu.	9	Ci.-S.	Cu. ENE
20	E	Calm	Calm	Calm	Calm	Calm	17.9	5.6	15.8	6.1	45.4	8	Ci.-S.	Cu.	9	Ci.-S.	Fr.-N.ENE
21	Calm	Calm	ENE	E	ENE	Calm	3.4	28.5	66.6	26.4	124.9	2	Ci.	Cu.	2	Ci.	Cu.
22	Calm	Calm	ENE	Calm	Calm	Calm	4.2	21.7	20.1	2.2	48.2	7	Ci.	Cu.-N.	8	Ci.-S.	Cu.
23	Calm	Calm	Calm	Calm	Calm	Calm	.6	5.9	13.7	2.4	22.6	1	------------	Cu.	3	Ci.	Cu.
24	Calm	Calm	Calm	Calm	Calm	Calm	1.8	8	21.5	5.3	36.6	2	Ci.	Cu.	2	Ci.	Cu.
25	Calm	Calm	Calm	E	ENE	Calm	.8	14.7	74.2	43.5	133.2	1	Ci.	Cu.	1	------------	Cu.
26	Calm	Calm	ENE	SE	Calm	Calm	15.9	33.5	44.3	15	108.7	2	------------	Cu.	2	------------	Cu.
27	Calm	Calm	WSW	WSW	Calm	Calm	15.9	33	30	13.1	92	1	Ci.	Cu.	7	------------	Cu.-N. W
28	Calm	Calm	W	W	WSW	Calm	13.7	49.9	50.1	25.9	139.6	3	Ci.-S.	Cu.	2	Ci.	Cu. W
29	SW	Calm	SSW	W	W	W	27.4	50.1	52.6	40.5	170.6	8	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. WSW
30	W	W	WSW	W	WSW	Calm	37.8	49.6	58.5	28.2	174.1	6	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N. W
31	W	WSW	W	WSW	WSW	SW	29	55.8	46.4	33.8	165	5	Ci.-S.	Cu.	9	Ci.-S.	Cu. W
Mean	------	------	------	------	------	------	9	28.9	34.5	13.9	86.2	4.6	------------	------------	6.2	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	2,672.5	----	------------	------------	----	------------	------------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 4.2 meters; gravity correction not applied, −1.77 mm.]

AUGUST, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.69	57.45	58.24	56.31	56.99	58.64	25.2	24	31	32.1	26.8	25.1	32.8	23.5	83	91	65	63	85	92	------
2	57.20	57.07	57.15	55.65	56.53	57.86	23.4	23.6	31.1	29.9	24.9	24.6	33.4	22.3	96	93	69	66	88	88	0.5
3	57.05	56.81	57.63	55.75	56.87	57.82	23.8	24.6	28.1	32	24	23.9	34.1	22.6	91	91	74	57	99	97	98.6
4	57.62	57.55	57.73	56.68	57.07	58.61	23.4	24	31.2	25.7	27.9	24.9	33.8	22.6	97	97	62	92	82	96	31.2
5	57.86	58.06	58.37	56.61	57.53	58.25	24.1	24.3	30	32.3	27.6	25.4	32.6	23.3	96	93	71	63	83	91	------
6	57.93	58.06	58.51	56.26	56.78	58.44	23.8	25	32.3	33.2	29	26.4	34.4	23.1	95	92	62	60	73	86	------
7	57.64	57.54	57.46	55.99	56.49	57.79	25.2	25.1	31.4	34	29	26.9	34.3	23.9	90	93	70	58	80	83	------
8	56.82	57.37	57.74	56.17	56.23	57.60	25.3	25	31.1	29.4	27.4	26.1	33.6	23.6	87	86	66	77	84	85	2.3
9	56.99	56.84	57.23	56.31	56.49	58.45	25.1	25.3	31	33.2	28.4	26.5	33.6	24.4	92	94	65	54	77	84	------
10	57.51	57.41	57.29	56.12	56.69	57.96	25.5	25.4	30.2	31.3	28.2	26.4	33.1	24.4	87	86	66	59	76	80	------
11	57.20	57.21	57.63	56.14	56.86	58.29	25.3	24.5	31.1	32.3	27.9	26.9	34.6	23.9	87	94	66	51	79	80	------
12	57.99	58.16	58.41	56.54	56.92	58.30	24.9	26	31	32.1	28.6	26.8	33	24	87	88	67	60	77	83	2.5
13	57.18	56.76	57.22	55.13	56.17	56.90	25.3	25.7	30.8	32.3	28.5	26.8	34.7	24.9	89	88	67	59	78	83	------
14	56.23	56.31	57.15	55.91	56.39	57.59	25.9	25.7	31.5	32.8	28.3	26	33.9	24.8	88	88	63	58	82	90	------
15	57.34	57.54	58.60	56.13	56.83	58.15	25.6	25.5	26.1	32.4	27.3	25.5	32.7	24.5	88	88	89	62	78	88	.3
16	57.85	57.96	58.06	55.94	56.11	57.53	24	24.1	29.4	33.3	27.8	25.7	34.5	23	92	91	75	54	82	93	3.6
17	56.77	57.07	57.65	55.92	56.48	58.35	25	24	31.5	30.7	29	25.9	33.2	23.2	------	------	------	------	------	------	------
18	57.84	57.91	58.31	56.57	56.64	58.50	24.9	24	32.8	33	29.5	27.8	33.4	22.5	------	------	------	------	------	------	------
19	57.25	57.46	58.85	57.12	57.56	58.80	24.1	24.2	31	32.4	28.9	25.7	32.6	23	------	------	------	------	------	------	------
20	57.52	57.47	58.05	56.70	57.85	58.99	23.8	24.3	31.5	31.4	26.2	26	32.7	22.7	------	------	------	------	------	------	16.7
21	58.33	58.27	58.56	57.01	57.78	59.15	25.5	25	29.6	30.5	28.2	25.5	31.6	24.2	------	------	------	------	------	------	1.3
22	58.69	58.86	59.37	57.52	58.01	58.95	24.4	23.6	31.2	31.5	29	25.2	32.5	22.9	------	------	------	------	------	------	------
23	58	58.03	58.86	57.08	56.80	58.20	24.1	23.9	27.3	26.8	26.8	25.4	27.5	23.1	------	------	------	------	------	------	2.5
24	57.27	57.28	57.21	55.58	56.39	57.44	23.2	23.4	30	31.1	26.8	24.8	32.6	22.1	------	------	------	------	------	------	------
25	56.18	56.07	56.24	55.29	56.84	57.22	23.7	23.3	31.1	27.5	24.7	24.2	34	22.6	97	97	65	83	94	97	3.8
26	56.67	56.54	56.91	55.67	56.66	57.35	23.2	23	30.6	30.8	29	25.5	32.8	22	97	97	68	65	81	92	------
27	56.74	57.23	57.42	56.42	56.69	57.79	24.5	24.6	32.4	32.5	27.7	25	33.1	22.5	89	87	60	62	78	96	.5
28	57.52	58.07	57.88	55.99	56.91	58.46	24.3	25	30.7	31	27.9	26.2	32.6	23.1	91	94	69	69	78	89	1.4
29	57.28	57.22	57.75	55.79	56.03	57.98	25.2	25	31.2	33	28.8	26.4	33.5	24.5	87	96	68	54	76	86	.3
30	57.38	57.11	57.37	55.11	55.72	57.60	26	25.8	31.3	32.6	28.2	25.5	83.3	24	86	85	64	63	81	88	16.6
31	56.69	55.96	56.79	55.61	55.35	56.86	24.7	25.5	30.7	26	27.3	26.5	32.1	23.5	90	89	68	88	88	85	1.8
Mean	57.36	57.38	57.79	56.16	56.73	58.06	24.6	24.6	30.7	31.3	27.7	25.8	33.1	23.4	90.5	91.2	67.8	64.2	81.7	88.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	183.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	Calm	WSW	WSW	Calm	Calm	40.2	54.1	29.6	15.5	139.4	6	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. W
2	Calm	Calm	W	W	Calm	Calm	18	48.6	41.8	13.7	122.1	3	Ci.	Cu.	4	Ci.-S.	Cu.-N.
3	Calm	SW	WSW	WSW	Calm	Calm	24.3	49.4	47.8	12.4	133.9	1	------	Cu.	8	Ci.-S.	Cu.-N. W
4	Calm	Calm	SW	NW	Calm	Calm	15.8	37	26.9	10.8	90.5	0	------	------	10	------	N.
5	Calm	W	ESE	SW	Calm	Calm	18.5	32.2	34.1	16.7	101.5	3	A.-Cu.	Cu.	7	Ci.-S.	Cu.-N. SE
6	Calm	WNW	WNW	W	Calm	Calm	20.3	47.3	42.6	20.1	130.3	3	Ci.	Cu.	7	Ci.-S.	Cu. WSW
7	Calm	Calm	SW	WSW	WSW	W	16.9	53.9	53.7	32.2	156.7	5	Ci.-S.	Cu. WSW	3	Ci.	Cu. WSW
8	Calm	WSW	W	WSW	WSW	SW	38.1	59.8	63.3	32.8	194	8	Ci.-S.	Cu.-N. WSW	8	Ci.-S.	Cu. SW
9	Calm	WSW	WSW	WSW	SW	Calm	33.3	63.3	57.6	31.1	185.3	8	A.-Cu.	Fr.-N. SW	7	Ci.-S.	Cu. SW
10	WSW	WSW	WSW	WSW	WSW	W	41.2	69	65.7	33.8	209.7	8	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu. WSW
11	W	Calm	WSW	WSW	WSW	Calm	31.6	56	55.7	32.7	176	5	Ci.-S.	Cu. W	9	Ci.-S.	Cu. SW
12	SW	W	SW	WSW	WSW	Calm	39.9	57.1	70	36.2	203.2	7	A.-Cu.	Cu.-N. WSW	7	Ci.-S.	Cu. WSW
13	W	WSW	WSW	WSW	WSW	W	34	64.9	66	34.6	199.5	1	Ci.	Cu.	5	Ci.	Cu. W
14	W	WSW	WSW	W	Calm	Calm	32.2	64.4	58.2	22.3	177.1	1	Ci.	Cu. W	8	Ci.-S.	Cu. W
15	Calm	Calm	SW	SW	Calm	Calm	24.6	47.2	49.7	23.8	145.3	10	Ci.-S.	Cu.	5	A.-Cu. S	Cu.
16	Calm	Calm	SSW	WSW	WSW	Calm	12.4	47.5	32.5	11.3	103.7	1	------	Cu.	6	Ci.	Cu.-N. W
17	Calm	Calm	SW	ESE	SE	Calm	14.2	36.2	47.5	18.2	116.1	2	Ci.	Cu.	5	------	Cu. S
18	Calm	Calm	Calm	E	E	E	13.1	35.1	66.8	59.7	174.7	0	------	------	1	------	Cu.
19	Calm	Calm	ENE	E	SE	Calm	15.6	35.4	80.5	31.4	162.9	0	------	------	4	Ci.-S. E	Cu.
20	Calm	Calm	ENE	E	NE	Calm	9.9	39.2	83.4	32.5	165	2	Ci.	Cu.	9	Ci.	Cu.-N. E
21	E	Calm	E	E	Calm	Calm	28.4	34.9	38.6	10	111.9	9	Ci.-S.	Cu.	8	Ci.-S.	Cu. S
22	Calm	Calm	E	ESE	Calm	Calm	7.8	25.1	28	2.7	63.6	1	Ci.	Cu.	2	------	Cu.
23	Calm	Calm	NE	Calm	Calm	Calm	1.9	15.8	6.4	.6	24.7	10	Ci.-S.	Cu.	10	Ci.-S.	Fr.-N. ENE
24	Calm	Calm	Calm	Calm	Calm	Calm	.6	5.1	11.5	.6	17.8	3	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. S
25	Calm	Calm	Calm	Calm	Calm	Calm	.6	3.4	8.2	.5	12.7	3	Ci.	Cu.	9	------	Cu.-N. S
26	Calm	Calm	Calm	WNW	Calm	Calm	.5	7.8	37	7	52.3	2	Ci.	Cu.	7	Ci.-S.	Cu.-N. S
27	Calm	Calm	WSW	W	Calm	Calm	4.8	30	43.5	12.6	90.9	2	Ci.	Cu.	4	Ci.-S.	Cu.-N. S
28	Calm	Calm	WSW	WSW	WSW	Calm	15	46.7	48.6	25.9	136.2	7	Ci.	Cu. SW	4	Ci.	Cu. W
29	W	Calm	WSW	W	Calm	SW	28.7	60.4	73.4	34.6	197.1	7	Ci.-S.	Cu. W	4	Ci.	Cu. W
30	WSW	WSW	WSW	WSW	WSW	W	31.4	59.7	69.2	40.8	201.1	9	Ci.-S.	Cu.-N. SW	6	Ci.-S.	Cu. W
31	SW	WSW	WSW	WSW	W	W	44.5	75.3	49.1	44.6	213.5	8	Ci.-S.	Cu. WSW	10	Ci.	Fr.-N. WSW
Mean	------	------	------	------	------	------	21.2	43.9	48	22.6	135.8	4.4	------	------	6.5	------	------
Total	------	------	------	------	------	------	------	------	------	------	4,208.7	------	------	------	------	------	------

LEGASPI.

[ϕ=13° 09′ N ; λ=123° 45′ E ; barometer above sea, 4.2 meters ; gravity correction not applied, —1.77 mm.]

SEPTEMBER, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.91	55.98	56.20	55.12	55.38	57.28	26.4	26.1	31.7	30.5	27.7	26.5	32.5	25.3	87	86	66	68	84	84	------
2	56.23	56.15	56.57	55.17	55.59	56.74	25.9	26.5	31	32.6	29	27	33.2	25	94	88	69	57	74	84	------
3	56.28	56.20	57.29	55.13	55.29	56.54	26.6	27	25	28.6	27.5	26.6	29.5	23.5	84	86	89	80	81	86	13.7
4	56.22	55.60	56.02	54.73	55.14	56.49	24.6	25.5	29.2	31.9	27.7	26	32.8	23.1	93	93	77	63	79	84	------
5	55.86	55.75	56.87	55.09	55.32	56.90	25.2	25.8	25.3	28.9	27.4	25.7	29.2	22.4	89	89	98	80	79	90	40.9
6	55.99	55.79	56.52	54.70	55.09	56.49	25.4	25.2	31.1	32.5	28.3	26	33.2	24.3	91	94	71	59	78	92	------
7	55.72	55.66	56.47	55.16	56.11	57.75	25	24.7	31.5	33.2	27.4	26.5	34	24.1	91	94	65	53	81	86	------
8	57.26	57.29	58.47	57.48	57.84	59.33	24.9	24.4	29.5	28.1	26.9	25	31.9	23.5	93	95	72	73	85	95	.3
9	58.71	58.74	59.21	56.95	57.90	59.29	24.5	24.8	30.7	31.9	29	25.4	32.5	24.1	99	97	69	63	74	93	6.8
10	58.21	58.40	59.17	57.26	57.64	59.42	24.6	24.5	28.5	30.9	28.2	26	31.3	23.5	94	93	77	66	71	88	------
11	58.28	58.31	59.63	58.33	58.23	59.87	24.5	24.6	30.2	29	28.3	27.4	33	23.1	95	93	69	74	80	78	6.7
12	58.78	59.49	59.13	57.94	58.59	59.78	26.4	25.5	29	30.5	27.4	27.2	30.9	23.3	83	88	68	62	81	85	1.8
13	58.99	58.85	59.73	57.46	58	59.09	26	24.1	27	26.4	26.5	26.5	28.4	23.5	89	95	84	85	88	87	7.1
14	58.15	58.51	59.06	57.12	57.68	58.99	23.4	23	29.5	29.6	27.7	26.2	31.1	22.5	98	99	72	71	80	90	------
15	57.87	58.15	58.87	57.19	57.23	58.42	24.6	23.9	30.1	28	25.9	25.7	31.6	23	95	97	68	81	85	88	42.2
16	57.69	57.55	58.37	56.59	57.61	59.03	23.7	23.6	27.1	27.9	24.9	23.8	30	23	99	99	83	78	96	97	13.3
17	58.07	58.77	59.97	58.14	59.38	60.90	23.3	23.1	29.1	30.1	27.5	24.8	30.9	22.5	98	99	71	69	85	94	------
18	59.89	60.39	61.18	59.03	59.41	60.78	23.7	24.1	28.2	29.4	28	27.6	31	22.9	96	95	80	75	81	84	11.7
19	59.39	60.63	59.85	57.69	58.28	60.10	25.5	23.1	28.1	30.4	27.2	25	31.5	22.1	91	98	67	63	78	87	------
20	57.82	58.07	58.73	56.83	57.44	58.54	23.1	24.1	29.1	26.1	26.1	24.8	30.5	22.5	99	98	81	88	84	92	18.5
21	56.54	57.04	58.49	57.14	58.14	60.24	24.9	25	25.3	25	25	23.2	27.5	22.6	92	96	93	92	95	99	22.8
22	58.76	59.39	59.87	57.43	57.59	59.90	22.6	22	29.4	31.1	28.3	25.1	31.1	21.3	99	99	74	66	77	92	------
23	58.91	58.67	59.12	56.80	57.58	57.94	24	23	30.3	30.9	25.4	24.1	31.8	22.4	94	98	67	66	93	95	------
24	56.81	56.15	56.32	54.20	55.73	57	23.7	24.7	29.9	32	27.5	25.9	33.2	22.9	93	89	66	60	80	84	------
25	56.44	56.40	57.04	54.58	56.15	57.05	24.2	23.7	30.4	30.9	25.1	23.8	32.1	23.1	92	95	66	60	84	95	18.1
26	56.36	56.45	57.07	54.64	55.45	56.89	23.5	23.4	28.8	29.6	25.9	24.4	31	22.8	97	97	75	71	93	96	1.8
27	55.79	55.56	56.19	54.12	54.83	56.35	24.1	23.9	29.4	29.2	26.6	24.9	31.8	23.2	94	91	75	76	91	92	43
28	55.43	55.21	55.43	52.98	53.75	55.18	23.7	24.4	28	30.7	26.9	25.5	31	23	93	97	83	64	83	88	2
29	54.84	54.89	55.32	53.88	54.60	56.40	25.4	25.6	29.5	29	26.9	26	31.5	24.5	86	87	76	76	84	84	------
30	56.22	56.22	57.47	56.21	57.36	59.03	25.3	24.7	29.8	32.9	27.5	25.2	33.5	24	88	91	71	56	81	93	2.8
Mean	57.25	57.34	57.99	56.17	56.81	58.26	24.6	24.5	29.1	29.9	27.1	25.6	31.4	23.2	92.9	93.9	74.7	69.8	82.8	89.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	253.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	W	W	WSW	WSW	WSW	W	44.5	81.1	53.1	45.1	223.8	8	Ci.-S.	Cu.	10	Ci.-S.	Cu. W
2	WSW	SW	WSW	WSW	WSW	W	45.1	68.9	64.1	51.5	229.6	8	Ci.-S.	Fr.-N. SW	8	Ci.-S.	Cu. SW
3	W	WSW	W	WSW	Calm	W	42.6	52	47.2	32.4	174.2	8	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Fr.-N.SW
4	Calm	WSW	WSW	WSW	W	W	34.9	66.3	64.1	41.5	206.8	8	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. WSW
5	Calm	Calm	Calm	SW	WSW	Calm	24.9	43.5	56.6	13.2	138.2	8	Ci.-S.	Cu. SW	10	Ci.-S.	Fr.-N.SW
6	Calm	Calm	SW	SW	WSW	Calm	8.3	45.9	67.1	18	139.3	10	Ci.-S.	Cu. SW	5	Ci.	Cu. SW
7	Calm	Calm	SW	SW	Calm	Calm	18.3	52.1	45.6	16.1	132.1	10	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. SW
8	Calm	Calm	SSE	Calm	Calm	Calm	7.7	30.6	28.2	13.4	79.9	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. SE
9	Calm	Calm	E	ESE	E	Calm	12.9	34.6	56	24.9	128.4	6	Ci.-S. NE	Cu.	4	Ci. NE	Cu.
10	Calm	Calm	Calm	ENE	E	Calm	15.8	25.7	62	32.7	136.2	10	Ci.-S.	Fr.-N.ESE	7	A.-Cu. NE	Cu.
11	Calm	Calm	WSW	Calm	Calm	E	14.7	31.9	29.3	45.1	121	9	Ci.-S.	Cu. SSE	8	Ci.-S.	Cu.-N. SSE
12	NE	ENE	Calm	ENE	ENE	NE	78.4	25.4	74.8	47.5	226.1	10	Ci.-S.	Cu. E	9	Ci.-S.	Cu. E
13	Calm	Calm	NE	E	E	Calm	19	34.3	53.6	36.2	143.1	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Fr.-N. ENE
14	Calm	Calm	ENE	E	Calm	NE	12.6	32.5	58.5	28	131.6	3	Ci.	Cu. SE	9	Ci.-S.	Cu.-N. E
15	Calm	Calm	Calm	SE	SE	E	15.3	29.8	35.1	46.7	126.9	7	Ci.-S.	Cu. E	10	Ci.-S.	Fr.-N. ESE
16	Calm	Calm	NE	E	Calm	Calm	22.5	36.2	29.8	11.6	100.1	9	Ci.-S.	Fr.-N. E	10	Ci.-S.	Fr.-N. E
17	Calm	Calm	SE	E	Calm	Calm	16.9	33.8	41.2	15	106.9	5	A.-Cu. SSW	Cu.	7	Ci.-S.	Cu.-N.SSW
18	Calm	Calm	E	E	E	E	13.7	37	51	41.3	143	3	Ci. E	Cu.	9	Ci.-S.	Cu.
19	Calm	Calm	NW	E	Calm	E	25.7	26.6	47	33	132.3	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N.
20	Calm	Calm	NE	E	NE	NE	7	41.8	58.2	53.6	160.6	2	Ci.	Cu. E	10	Ci.-S.	Fr.-N. NE
21	NE	Calm	W	W	Calm	Calm	64.9	38.8	22.2	22	147.9	10	Ci.-S.	Fr.-N. S	10	Ci.-S.	Fr.-N. S
22	Calm	Calm	ESE	E	SE	Calm	10	30.6	62.8	17.7	121.1	1	A.-Cu.	Cu.	2	Ci.	Cu.
23	Calm	Calm	ESE	ESE	Calm	Calm	16.6	29.2	40.2	18	104	1	Ci.	Cu. E	5	Ci.	Cu. NE
24	Calm	W	W	WSW	SW	Calm	24.7	56.9	57.9	29.8	169.3	10	Ci.-S.	Cu.	8	Ci.-S.	Cu. SW
25	Calm	Calm	S	E	W	Calm	14.5	24.1	49.7	23.8	112.1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. NNW
26	Calm	Calm	W	ESE	Calm	Calm	19	25.7	27.4	22.2	94.3	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N.NNW
27	Calm	WSW	WSW	W	SW	SW	37	66.3	58.7	35.4	197.4	10	Ci.-S.	N.	7	Ci.-S.	Cu. WSW
28	SW	W	SW	SW	SW	SW	35.7	74.8	82.9	48.3	241.7	10	Ci.-S.	Fr.-N. SW	8	Ci.-S.	Cu.
29	SW	Calm	SSW	SW	Calm	SW	35.7	70.8	62	38.6	207.1	3	Ci.-S.	Fr.-Cu. SSW	9	Ci.-S.	Fr.-N.SW
30	SW	WSW	SW	SW	SW	Calm	39.9	46.2	54.7	13.7	154.5	3	Ci.	Fr.-Cu. SSW	5	Ci.	Cu. SSW
Mean	------	------	------	------	------	------	26	43.1	51.4	30.5	151	7.4	------	------	8.2	------	------
Total	------	------	------	------	------	------	------	------	------	------	4,529.5	----	------	------	------	------	------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 4.2 meters; gravity correction not applied, −1.77 mm.]

OCTOBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.35	58.40	58.93	56.95	58.06	58.79	24.1	24.4	31.2	32.3	27.9	26.1	33	23.1	96	94	64	59	79	85	------
2	58.09	57.34	58.50	56.93	56.19	57.56	25.7	25.6	28.1	27.7	24.4	24	28.5	23.4	87	87	77	86	97	95	90.2
3	56.83	56.51	57.92	56.49	57.45	58.85	23.6	23.5	24.7	25.6	24.5	24.3	27.6	22.8	95	94	98	92	95	95	17.2
4	58.26	58.37	59.72	58.18	58.74	60.27	24.2	24.4	29.6	31	26	24.1	32	22.8	94	96	71	65	89	95	------
5	59.40	59.61	59.77	57.64	58.59	60.04	23.8?	22.8	31.4	30.7	27.5	25.1	33	22.2	90	97	61	67	87	92	.8
6	58.80	58.86	58.87	56.77	58.02	59.07	23.8	23.3	30.2	31.9	28.3	27.1	32.3	22.5	95	97	70	66	76	83	------
7	58.12	57.82	58.77	56.82	57.41	58.72	23.5	23.2	30.7	31.6	25.5	25.1	33.5	22.4	96	96	65	60	87	88	------
8	57.81	58.18	59.20	57.51	57.74	58.61	24.4	25.1	27	29.4	27.2	26.1	31	23.7	91	88	84	72	87	88	1.5
9	58.24	58.61	59.14	57.23	58.20	59.24	25.4	23.6	25.9	28.1	26	23.4	30	23	90	94	92	81	91	93	8.9
10	59.06	58.96	59.83	57.86	58.68	59.75	23	22.1	28	30.4	27.7	24.1	31.7	21.5	93	96	77	60	76	95	------
11	59.06	59.19	60.36	58.58	59.57	60.27	23.1	22.4	29.8	28.2	25.9	25.8	31.2	22	95	97	71	79	92	84	2.3
12	59.28	59.31	60.58	58.64	59.58	60.56	23	22.6	27.5	27.4	26	24.5	30.6	22	95	96	81	78	84	92	------
13	59.44	59.59	60.04	57.77	58.68	60.10	22.9	21.4	29.4	30.6	27.7	25.5	31	20.9	92	97	70	65	78	87	------
14	59.36	59.75	60.73	58.37	59.49	60.30	23.4	22.9	29.4	28.5	25	25	31	22.1	93	96	72	75	95	91	6.1
15	59.73	60	61.03	59.06	59.79	61.53	24.3	25	27.4	28.4	25.4	23.5	29.5	23	94	91	81	76	92	97	29
16	59.25	59.98	60.16	58.14	59.32	60.58	23.6	22.7	29.8	30.9	27.3	25.5	31.3	21.9	96	97	69	67	80	88	62.2
17	59.95	60.63	61.58	59.10	59.90	60.78	25.2	23.4	24.9	26.7	24.7	25.8	27.5	22.2	89	99	92	82	96	82	32.3
18	60.50	60.43	61.97	59.96	60.05	61.09	25.5	25.7	28	28.4	26.9	26.5	30	24.5	82	89	70	74	84	80	4.1
19	60.29	60.24	61.01	59.22	59.31	60.23	26.2	25.1	28.9	31.1	28.7	26.5	32	23.6	81	83	75	62	70	80	------
20	59.64	59.62	60.41	58.44	58.74	60.19	25.2	25.6	30.7	30	27.5	26.6	32.5	23.5	83	83	65	71	76	84	------
21	58.98	59.60	60.37	58.62	58.56	59.83	26.1	26.5	28.6	25.4	26.5	26.8	31	24.7	85	83	77	92	83	86	9.4
22	58.81	59.40	60.54	58.70	59.02	59.58	25.6	26.1	28.5	28.7	26.5	26.5	30.6	24.7	92	89	81	76	88	87	27
23	59.08	59.76	60.63	58.10	58.54	59.40	25.5	24.1	25.6	28.3	27.1	26	28.5	23.1	88	95	92	80	83	87	23.7
24	58.94	59.32	59.65	57.71	58.48	59.84	25.9	23.8	27.2	30.7	27.9	26	30.7	23.5	87	97	80	65	77	83	.3
25	59.48	59.60	60.72	58.78	59.07	60.49	26	25.9	27	30.5	27.2	26.1	30.6	24	83	82	85	66	77	90	9.2
26	59.74	60.62	60.48	57.74	58.74	59.68	25.9	25.1	29.5	31.8	26.7	26.5	32	24.1	86	91	75	62	86	83	7.8
27	58.46	58.44	59.92	57.70	58.34	59.08	26.3	26	31.3	30.9	27	26.6	32	24.9	85	86	63	63	80	88	2.5
28	58.71	58.63	59.77	57.16	58.06	59.33	26.1	25.9	26.1	27.4	26.7	26.6	27.9	24.4	89	90	89	76	87	88	17.3
29	58.11	58.25	59.44	56.84	57.95	59.08	26.4	25.9	29	30.5	27	26	32	25	90	93	77	70	88	87	21.4
30	57.80	57.61	57.98	55.13	55.20	55.90	26.4	25.6	27.2	26.9	26.1	26.4	30.1	24.3	87	92	90	90	91	90	16.7
31	54.20	54.01	54.73	52.82	53.01	53.94	26.4	26.9	29.3	26.4	26	26.3	29.6	24.7	90	86	76	90	87	90	30.6
Mean	58.77	58.92	59.77	57.71	58.34	59.44	24.9	24.4	28.4	29.2	26.6	25.6	30.8	23.2	90	92	77.1	73.1	85.1	88.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	420.5

Day.	Wind. Direction.						Wind. Total movement in 6 hours.				Wind. Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	WNW	NW	SW	WSW	Calm	Calm	25.7	55.5	56.3	22.5	160	3	Ci.	Cu. SW	3	Ci.	Cu. WSW
2	W	Calm	WSW	W	SW	SW	31.4	39.4	49.9	56.3	177	10	Ci.-S.	Cu.	10	Ci.-S.	N. W
3	W	SW	WSW	SW	Calm	Calm	57.1	40.2	41	18.5	156.8	10	Ci.-S.	N. WNW	10	Ci.-S.	Fr.-N. WSW
4	SW	Calm	SW	SW	Calm	Calm	24.1	54.7	46.7	12.1	137.6	10	Ci.-S.	N.	7	Ci.-S.	Cu. SW
5	Calm	Calm	Calm	NE	Calm	Calm	13.7	24.9	24.9	13.7	77.2	3	------	Cu. SW	4	------	Cu. E
6	Calm	Calm	E	ESE	NE	NE	10.5	31.4	61.2	32.2	135.3	1	Ci.	Cu.	1	Ci.	Cu.
7	Calm	Calm	W	W	SW	Calm	13.7	32.2	43.5	17.7	107.1	9	Ci.-S.	Cu.	5	Ci. E	Cu.
8	W	W	WSW	WSW	WSW	W	43.5	52.3	47.5	39.4	182.7	10	Ci.-S.	Cu.	10	Ci.-S.	Fr.-Cu. WSW
9	Calm	Calm	W	SW	Calm	Calm	------	------	37.8	28.2	------	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	N. SW
10	Calm	Calm	Calm	ENE	NE	Calm	11.3	25.7	54.7	11.3	103	10	Ci.-S.	N.	8	Ci.-S.	Cu.-N. S
11	Calm	Calm	ENE	SE	Calm	NE	15.3	34.6	41.8	33	124.7	4	Ci. NNW	Cu.	8	Ci.-S.	Cu.-N. N
12	Calm	Calm	NE	NNE	NE	Calm	10.5	33.8	78.9	20.9	144.1	8	Ci.-S. N	Cu.	10	Ci.-S.	Cu.-N. N
13	Calm	Calm	E	ESE	NE	N	10.5	33	46.7	29.8	120	2	Ci.	Cu.	5	Ci. WNW	Cu.
14	Calm	Calm	NE	ENE	Calm	NNE	11.3	43.5	47.5	24.1	126.4	4	Ci.	Cu. NE	8	Ci.-S.	Cu.-N. NNE
15	Calm	NNE	ENE	ENE	Calm	Calm	30.6	78.9	59.5	33.8	202.8	9	Ci.-S.	N. NE	9	Ci.-S.	Cu.-N. ENE
16	Calm	Calm	E	Calm	NE	Calm	15.3	37	53.9	30.6	136.8	5	A.-Cu. N	Cu.	2	Ci.	Cu. NE
17	E	Calm	ENE	NE	NE	NE	36.2	53.9	59.5	57.9	207.5	10	------	N.	10	Ci.-S.	N. E
18	NE	NE	ENE	E	NE	NE	62.8	80.5	70.8	64.4	278.5	9	Ci.-S.	Fr.-N. NE	8	Ci.	Cu. NE
19	NE	NE	ENE	NE	NE	NE	62.8	59.5	83.7	59.5	265.5	8	Ci.-S.	Cu. NE	1	------	Cu. NE
20	NE	NE	NE	NE	NE	NE	42.6	51.5	79.7	61.2	235	0	------	------	5	Ci.-S. NE	Cu.
21	NE	NE	NE	ESE	NE	NE	62.8	51.5	------	75.6	------	1	Ci.	Cu.	10	Ci.-S.	N. NE
22	NE	NE	NE	NE	ENE	NE	33.8	40.2	53.1	49.9	177	7	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu.-N. NE
23	NE	NE	ENE	NE	NE	NE	46.7	62.8	77.2	77.2	263.9	9	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Cu. NE
24	NE	NE	NE	ENE	ENE	NE	51.5	57.9	86.9	67.6	263.9	10	Ci.-S.	Fr.-N. NE	3	Ci.	Cu. NE
25	NE	NE	ENE	NE	NE	E	53.1	64.4	67.6	75.6	260.7	2	Ci.	Cu. NE	1	------	Cu.
26	NE	ESE	ESE	NE	Calm	NE	46.7	56.3	66	66	235	7	Ci.-S.	N. NE	4	------	Cu.
27	NE	E	NE	ENE	NE	NE	64.4	70.8	75.6	64.4	275.2	1	------	Fr.-Cu. NE	1	------	Cu. NE
28	ENE	NE	ENE	NNE	NE	NE	72.4	69.2	104.6	64.4	310.6	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N.
29	NE	ENE	ENE	NE	NE	NE	48.3	70.8	63.6	73.2	255.9	4	------	Cu.-N. NE	8	Ci.-S.	Cu. NE
30	NE	NE	NNE	NE	NE	NE	57.9	75.6	72.4	80.5	286.4	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
31	NE	NE	NE	NE	NNE	NE	88.5	119.1	115.9	167.3	490.8	8	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
Mean	------	------	------	------	------	------	38.5	53.4	62.3	49.3	203.4	6.6	------	------	6.8	------	------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 4.2 meters; gravity correction not applied, —1.77 mm.]

NOVEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1 --	52.10	52.47	53.41	52.76	54.83	57.70	24.3	25.4	24.4	24.5	23.6	23.3	27.1	22.5	97	89	97	99	99	99	279.4
2 --	56.45	56.52	58.49	56.67	58.44	59.15	24.7	25.4	27.5	29.4	26.1	26.1	30.1	23	89	80	84	79	90	94	6.1
3 --	58.21	58.92	59.86	57.56	58.13	59.30	26.3	26.4	28.8	30.4	27.6	26	31	25.5	90	89	83	65	84	87	------
4 --	58.77	58.82	60.02	57.88	58.30	59.64	25.8	25.9	29.2	30.6	26.7	26.1	30.9	24.6	88	88	74	68	83	81	2.8
5 --	58.67	58.80	59.59	57.95	58.65	59.70	26	25.9	30.2	25.5	24.8	25.9	32.1	24.1	81	80	64	92	94	85	3.9
6 --	58.80	59.05	59.54	57.55	58.04	59.40	25.9	26	30.2	28.6	27.6	26.3	31.1	23.5	85	84	70	77	79	85	7.6
7 --	58.61	58.94	60.12	58.03	58.43	59.40	24.7	25.6	28.7	30.6	27.7	26.7	30.7	23.5	92	91	80	72	82	86	4.6
8 --	58.69	58.90	59.72	57.67	58.26	59.37	25.5	25.1	28.3	28.4	25.8	25.1	30.2	23.6	93	92	83	78	91	94	9.7
9 --	58.33	58.87	59.31	56.51	57.58	58.21	23.5	22.4	29.4	31	27.7	26	31.2	21.7	95	96	74	62	75	83	------
10 --	56.93	57.70	57.80	55.80	56.20	57.45	22.3	21.2	29.8	26.6	26	24.5	31.5	20.8	91	95	66	83	84	92	.3
11 --	56.33	57.24	57.86	55.27	56.50	57.32	22.4	21.9	28.4	29.1	27.1	23.6	30.4	21.3	96	97	75	70	83	93	------
12 --	56.26	56.96	57.28	54.88	55.61	55.92	22.3	21.7	30	30.2	25.1	24.9	32.2	21.2	97	97	68	66	90	90	14
13 --	55.14	55.32	56.20	53.47	53.56	55.25	24.2	23.8	24.7	26.4	24.3	23.9	26.6	23	96	98	99	86	94	97	25.4
14 --	55.05	55.71	57.01	54.52	55.54	57.10	24.2	24.4	27.7	30.1	27.4	26.1	30.6	23.4	96	96	82	71	81	89	.8
15 --	56.46	56.96	58.02	55.61	56.10	57.90	24.7	23.9	30.2	30.4	28	26.9	31.5	23.4	95	97	74	72	84	85	------
16 --	57.31	57.46	57.99	56.20	56.26	57.22	26.2	26.4	25.7	28.4	26.4	25.7	28.4	24.9	83	81	78	67	80	89	5.4
17 --	56.81	57.72	58.52	56.76	57.83	58.89	25.6	26.1	30.2	29.6	27.6	26.9	30.6	24.6	88	87	68	70	80	84	------
18 --	58.74	59.09	59.43	57.20	58.16	59.55	26.3	26.4	30	26.9	24.6	24.5	31.3	23.7	85	85	74	90	98	98	19.5
19 --	57.40	58.20	58.99	57.54	57.69	58.49	23.7	23.2	29	27.4	26.1	24.4	29.6	22.6	98	97	74	73	85	95	10.4
20 --	57.50	57.59	57.98	55.68	56.79	57.41	25.3	25.7	28.7	30.1	26.5	24.6	30.9	24.4	89	87	73	70	87	95	16.3
21 --	56.30	56.42	56.85	54.81	55.17	55.05	25.3	25.7	27.6	26.6	25.7	23.9	29	23.6	90	89	84	83	86	99	27.9
22 --	52.58	52.89	55.80	55.03	56.30	57.29	23.9	23.8	26.6	26.8	26.4	25	29.5	23.5	97	97	86	83	93	95	4
23 --	57.19	58.27	59.29	56.56	57.43	58.55	25.1	25	29.1	30.5	28	26.4	31.1	24	93	96	80	72	85	90	9.1
24 --	57.49	58.27	59.12	57.51	58.24	58.56	26.2	25.5	29.2	26.9	26.9	26.6	29.7	23.9	89	95	78	89	87	88	22.4
25 --	57.89	58.07	59.27	57.23	58.06	58.68	25	26	28.9	26	26	26.3	29.1	23.9	88	85	77	86	92	89	4.1
26 --	58.27	58.54	59.67	57.61	58.24	58.95	25.7	25.5	26.8	26.8	24.3	24.4	29.5	23.4	89	87	81	82	92	93	5.8
27 --	58.69	58.85	59.37	57.48	57.95	58.80	24.5	24.9	28.9	29.4	27	27.3	30	23.6	91	87	71	68	80	80	7.6
28 --	58.01	57.94	58.83	57.10	57.24	58.22	25.7	25.9	27.5	27	25.4	25.7	29	23.6	88	85	84	73	88	89	5.6
29 --	57.77	57.60	59.22	57.40	57.53	58.91	25.1	25.5	27.9	28.3	26.4	26	29.4	22.9	92	90	81	76	85	87	2.5
30 --	58.54	58.62	59.92	57.54	58.42	59.12	25.8	24.9	26	25.5	26	24.9	26.5	23.5	88	92	88	92	87	96	41.6
Mean	57.18	57.56	58.48	56.46	57.18	58.22	24.9	24.8	28.3	28.3	26.3	25.5	30	23.4	91	90.3	78.3	77.1	86.6	90.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	536.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1 --	E	ENE	ENE	E	ESE	SE	259.1	292.9	314.6	199.5	1,066.1	10	Ci.-S.	Fr.-N. ENE	10	------	N.
2 --	ESE	Calm	ENE	E	ESE	NE	74	92.5	95	48.3	309.8	10	Ci.-S.	Fr.-N. SE	7	Ci.-S.	Cu.-N. SE
3 --	NE	NE	ENE	ENE	Calm	NE	60.4	60.4	65.2	24.1	210.1	1	Ci.	Cu.	3	Ci. SSE	Cu. NE
4 --	NE	NE	E	NE	NE	NE	49.9	73.2	81.3	62	266.4	4	Ci.-S.	Cu. NE	6	------	Cu.-N.ENE
5 --	NE	NE	ENE	E	Calm	NE	66.8	75.6	51.5	43.5	237.4	0	------	------	10	Ci.-S.	Fr.-N.NE
6 --	NE	NE	NE	ENE	ESE	NE	49.1	83.7	93.3	53.9	280	8	Ci.-S.	Cu. ENE	9	Ci.-S.	Cu. NE
7 --	Calm	ENE	ESE	ESE	ENE	NE	28.2	50.7	72.4	46.7	198	7	------	Cu.-N. NE	5	Ci.	Cu. ENE
8 --	Calm	ENE	ENE	E	Calm	Calm	20.9	57.1	37.5	11.8	127.3	7	Ci.-S.	N. NE	9	Ci.-S. W	Cu.
9 --	Calm	Calm	ENE	ESE	ENE	Calm	10.3	33.8	55.5	31.4	131	5	Ci. NW	Cu.	3	Ci. NW	Cu.
10 --	Calm	Calm	ENE	NE	Calm	Calm	16.1	50.7	42.6	8.9	118.3	2	Ci.	Cu.	9	Ci.-S.	Fr.-N. NE
11 --	Calm	Calm	ESE	ESE	ENE	Calm	13.7	25.7	49.9	18.5	107.8	9	Ci.-S. S	Cu.	9	Ci.-S. S	Cu.
12 --	Calm	Calm	E	NNE	NNE	Calm	15.3	35.4	101.4	51.5	203.6	5	Ci. SE	Cu.	7	Ci. SE	Cu. N
13 --	NW	Calm	Calm	Calm	Calm	Calm	36.2	20.9	26.6	22.5	106.2	10	Ci.-S.	N.	10	Ci.-S.	N.
14 --	Calm	Calm	WSW	ENE	SE	Calm	17.7	38.6	37	23.9	117.2	9	Ci.-S.	Fr.-N. S	6	A.-Cu. SSE	Cu.
15 --	Calm	Calm	ENE	ENE	NE	NE	6.1	42.6	74.8	61.2	184.7	3	A.-Cu. SF	Cu.	3	Ci.	Cu. ENE
16 --	NE	ENE	NE	NNE	NE	NE	58.4	88.5	98.2	80.5	325.6	2	Ci.-S.	Cu.	8	Ci.-S.	Cu.
17 --	NE	E	NE	E	E	NE	37.8	42.6	59.5	58.7	198.6	10	Ci.-S.	Fr.-Cu. SE	3	Ci. NE	Cu. SE
18 --	E	E	ENE	Calm	Calm	Calm	57.1	51.5	23.3	14.5	146.4	1	Ci.	Cu.	8	------	N. E
19 --	Calm	Calm	NNE	NE	NE	Calm	10.5	65.2	63.6	58.7	198	10	Ci.-S.	Fr.-N. N	10	Ci.-S.	Fr.-N. NE
20 --	NE	NE	NE	ENE	NE	NE	62.8	77.2	80.5	67.6	288.1	7	Ci.	Fr.-N. ENE	4	Ci.	Cu.-N.NE
21 --	NE	NE	NE	NNE	NE	SW	53.9	79.7	81.3	39.4	254.3	10	Ci.-S.	Fr.-N. NNE	10	Ci.-S.	Fr.-N.
22 --	WSW	SW	SW	W	Calm	Calm	99.8	75.6	29.8	8.9	214.1	10	Ci.-S.	Fr.-N. SW	10	Ci.-S.	Fr.-N. SSW
23 --	Calm	Calm	NE	E	E	E	8	32.2	77.2	66.8	184.2	4	A.Cu.	Cu. SE	3	Ci.	Cu. E
24 --	E	NE	NE	NE	NE	NE	32.2	49.9	49.9	46.7	178.7	2	Ci.	Cu. ESE	8	A.-Cu.	Cu.
25 --	Calm	NE	E	NE	NE	NE	41.8	99	98.2	76.4	315.4	8	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Fr.-N.NE
26 --	NE	NE	NE	NE	NE	Calm	54.7	70.8	74	32.2	231.7	8	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. NE
27 --	NE	NE	ENE	E	ENE	E	69.2	108.6	111.8	106.2	395.8	7	Ci.-S.	Cu.-N. NE	8	Ci.-S.	Cu. ENE
28 --	NE	NE	NE	NE	NE	NE	98.2	96.6	74	69.2	338	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu.-N. E
29 --	ENE	NE	ENE	NE	NE	NE	59.5	57.9	64.4	79.7	261.5	10	Ci.-S.	Fr.-Cu. E	10	Ci.-S.	Cu.-N. ESE
30 --	NE	NE	NE	NE	NE	E	52.3	59.5	76.4	68.4	256.6	10	Ci.-S.	N. ESE	10	Ci.-S.	Fr.-N. E
Mean	------	------	------	------	------	------	50.7	69.6	75.4	52.7	248.4	6.6	------	------	7.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,450.9	------	------	------	------	------	------

LEGASPI.

[ϕ=13° 09′ N ; λ=123° 45′ E ; barometer above sea, 4.2 meters ; gravity correction not applied, —1.77 mm.]

DECEMBER, 1910.

Day.	Atmospheric pressure, 700 mm. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.84	58.91	59.78	57.93	58.38	58.94	25.5	25.9	29.4	25.9	26.3	24.9	30.6	23.9	86	84	78	96	90	92	16.3
2	58.71	58.62	59.24	57.17	58.25	58.16	24.3	26	27.7	29.3	26.4	25.9	30	22.6	94	91	81	74	84	88	39.5
3	57.44	57.41	58.89	57.26	58.35	58.96	25.6	25.4	25.2	24.7	25	25.9	27	22	87	88	89	90	84	88	44.3
4	59.04	59.11	59.99	58.92	59.50	60.75	26.3	25.5	27.2	25.4	26.4	26.4	29.5	23.4	89	87	90	92	89	89	59
5	60.69	60.77	61.63	59.39	60.25	60.59	24.7	25.9	28.9	30	27	26	30.2	23.5	91	87	78	71	83	88	14
6	60.42	60.62	61.34	59.28	59.74	59.90	24.4	25.3	29.2	29.9	26	25.8	30.3	23.7	97	92	76	73	91	89	9.1
7	58.74	58.95	59.62	57.70	58.78	59.19	25.6	25.4	28.4	29.5	27.1	25.7	29.9	24.6	90	91	78	71	83	85	2.3
8	58.28	58.78	59.42	57.52	58.53	58.89	24.1	22.4	29.4	30.4	27	26	30.6	22	90	96	70	70	83	87	5.6
9	58.47	58.66	59.38	56.97	57.74	58.42	24.9	24.8	28.2	29.1	24.5	25.4	29.9	23.5	92	92	80	74	99	95	42.2
10	58.19	58.75	59.94	58.09	58.51	59.48	24.4	24.1	25.7	29.3	25.9	25.9	29.5	23.4	97	98	93	75	92	92	6.8
11	58.27	58.95	60.13	58.28	59.03	59.90	25.4	25.3	28.7	27.9	26.8	26.3	30.1	24.5	93	93	80	82	87	88	3.3
12	58.24	58.52	59.78	57.90	58.67	59.40	25.7	26	28.5	28.9	25.8	25.8	29	23.9	88	88	82	78	88	85	23.1
13	58.42	58.25	59.08	57.10	57.73	59.04	25.1	25.4	29.4	28.4	27	26.4	30	23.5	90	92	81	85	87	89	6.6
14	58.06	57.95	59.12	56.83	57.91	58.77	25.8	25.4	29.9	28.3	26.3	25.4	30.8	24.5	92	91	75	81	89	94	14.5
15	57.96	58.36	59.86	57.02	58.39	59.60	25.2	24	24.8	27.9	26.3	24.9	27.9	23.1	91	99	93	84	89	91	36.6
16	58.86	58.75	59.97	57.57	58.51	59.94	24.9	24.8	29.1	30.4	25.9	24.8	31	23.1	91	91	76	75	88	92	61.2
17	59.08	59.35	60.07	57.61	58.40	59.88	23.7	24.4	26.1	27	25.4	25.7	27.8	22.4	95	94	90	86	88	81	21.4
18	59.16	60.01	61.32	59.22	60.03	60.76	25.5	25	26.8	28	25	25	30	24.5	83	86	74	77	87	83	-----
19	60.25	60.03	60.97	58.74	59.83	60.63	25	24.9	28.6	29.4	23.9	25.5	29.9	23.5	83	88	72	74	88	87	.5
20	60.15	60.09	60.89	58.74	59.10	59.80	24.6	24.6	28.2	28	25.8	24.8	29.1	21.8	90	89	74	70	78	80	.5
21	58.90	57.05	58.34	56.77	58.11	58.11	25	24.3	28.6	24.5	24	24.2	28.7	22	85	80	75	97	95	97	41.1
22	56.68	56.82	57.65	55.29	56.25	57.05	24.1	23.9	25.5	25.8	24.6	25.3	26.7	23.4	92	92	92	91	98	97	4.3
23	56.73	56.95	57.81	55.51	56.66	57.89	24.8	25.2	27	26.1	26.3	25.6	27.6	24	97	93	90	94	87	93	43
24	57.52	58.72	59.40	57.19	58.85	59.98	24.8	24.5	25.3	25.3	24.9	24.5	26.3	23.2	98	98	93	93	96	99	47
25	59.48	59.80	61.07	58.81	59.05	59.88	24.5	25	26.3	26.5	25.9	24	28.2	23.1	99	96	96	95	92	99	16.1
26	59.21	59.86	60.87	58.86	59.79	61.15	23.5	23	27.5	29.5	26.4	25.9	30	22.1	98	99	91	79	92	88	20.6
27	60.25	60.53	61.82	60.01	60.58	61.87	24.8	24.9	28.4	29.5	25.5	25.3	29.9	23.6	96	97	82	76	95	93	34
28	60.71	61.43	62.71	61.14	62.15	62.45	25	24.9	23.7	25	24.4	24.5	26	22.5	95	95	100	88	87	91	34.2
29	61.11	61.25	62.44	59.92	60.30	61.30	24.1	24.9	25.6	26.2	25.5	24	27.7	22.6	86	81	77	75	75	91	2.3
30	60.38	60.34	61.88	59.73	60.72	60.99	24.6	24.5	25.1	27.4	25.9	24.9	28	23.1	87	87	89	70	78	83	.5
31	59.54	60.23	60.89	59.50	60.89	61.14	24.8	25	28.1	24.5	24.1	24.9	29	23	84	87	72	96	94	80	3.6
Mean	58.96	59.16	60.17	58.13	59	59.77	24.9	24.9	27.4	27.7	25.7	25.3	29.1	23.2	91.2	91	82.8	81.7	88.3	89.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	653.5

Day.	Wind. Direction. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Total movement in 6 hours. 6 a. m.	Noon.	6 p. m.	Mid-night.	Total movement in 24 hours.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	ENE	NE	NE	NE	66	80.5	82.1	81.3	309.9	6	Ci.-S. S	Cu.	10	Ci.-S.	N.
2	Calm	NE	NE	ENE	NE	E	62	91.7	133.6	111	398.3	10	Ci.-S.	N. NE	4	Ci.	Cu. ENE
3	NE	ENE	NE	ENE	ESE	E	162.5	175.4	175.4	145.6	658.9	10	-----	N.	10	Ci.-S.	Fr.-N. ENE
4	SE	E	E	E	E	E	102.2	105.4	61.2	78.9	347.7	9	Ci.-S.	Cu.-N. ESE	10	Ci.-S.	Fr.-N. E
5	SE	ENE	ENE	E	E	NE	73.2	108.6	78.9	69.2	329.9	4	Ci.	Cu. ENE	4	Ci.	Cu. ENE
6	Calm	NE	NE	E	E	NE	51.5	72.4	78.9	70	272.8	5	-----	Fr.-N. ENE	5	Ci.	Cu.-N. ENE
7	NE	NE	ENE	ENE	ENE	NE	84.5	106.2	111	49.9	351.6	4	Ci.	Fr.-N. ENE	1	-----	Fr.-Cu. ENE
8	Calm	Calm	NE	ENE	NE	NE	8	66.8	74	75.6	224.4	7	Ci.	Cu. N	6	Ci. S	Cu.
9	NE	NNE	NE	NNE	NE	NE	80.5	76.4	110.2	90.1	357.2	9	Ci.-S.	N.	8	Ci.-S.	Cu.-N. NE
10	NE	Calm	NE	NNE	NE	NE	25.7	33.8	76.4	79.7	215.6	9	Ci.-S.	N. ESE	9	Ci.-S.	Cu.
11	NE	NE	ENE	NE	ENE	E	62	75.6	77.2	94.1	308.9	3	-----	Cu.-N. ENE	7	-----	Cu.-N. ENE
12	NE	NE	NE	ENE	NE	NE	71.6	91.7	78.9	72.4	314.6	7	A.-Cu.	Cu. NE	6	Ci.	Cu. ENE
13	ENE	NE	NE	ESE	E	NE	71.6	66.8	81.3	51.5	271.2	9	-----	Cu.-N. ENE	3	Ci.	Cu.
14	NE	NE	NNE	ENE	ENE	NE	55.5	68.4	69.2	66	259.1	3	Ci. SE	Cu.	9	Ci.-S.	Cu. NE
15	Calm	Calm	ENE	NE	ENE	NE	28.2	24.9	42.6	42.6	138.3	10	Ci.-S.	N. NE	7	A.-Cu. SSE	Cu.
16	E	NE	ENE	ESE	Calm	NE	40.2	45.9	53.1	48.3	187.5	7	Ci.	Cu. NE	4	A.-Cu. N	Cu.
17	NE	E	NNE	NE	NE	NE	66	95	113.5	119.1	393.6	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. ENE
18	NE	NE	NE	ENE	NE	NE	110.2	100.6	99.8	88.5	399.1	2	Ci.	Cu. NE	5	-----	Cu. ENE
19	ENE	NE	NNE	NE	NE	NE	86.9	106.2	100.6	74	367.7	3	Ci.	Cu.	7	Ci.	Cu.-N. NE
20	NE	NE	NE	NE	NE	Calm	76.4	80.5	66	47.5	270.4	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.
21	NE	N	NE	Calm	NE	NE	65.2	81.3	78.9	90.1	315.5	10	Ci.-S.	N. NE	10	Ci.-S.	N. N
22	NE	NE	NNE	NE	NE	NE	91.7	119.1	121.5	86.9	419.2?	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
23	NE	NE	NNE	NE	NE	ENE	119.9	74	68.4	96.6	358.9	10	Ci.-S.	Fr.-N. S	8	Ci.-S.	Cu.-N. NNE
24	NE	NE	NE	NE	NE	NE	114.3	127.1	99.8	93.3	434.5	10	-----	N.	10	-----	N.
25	NE	NE	Calm	Calm	NE	Calm	62.8	30.6	42.6	5.4	141.4	8	Ci.-S.	Fr.-N. ENE	9	Ci.-S.	Fr.-N. E
26	Calm	Calm	NE	ENE	NE	NE	2.1	33	61.7	74.8	171.6	6	Ci.-S.	Fr.-N. E	3	Ci.	Cu.
27	NE	NE	ENE	NE	ENE	ENE	62.8	98.2	93.3	80.5	334.8	4	-----	Cu.-N. ENE	6	Ci. W	Cu.-N. NE
28	NE	ENE	ENE	ENE	ENE	NE	95	143.2	129.5	101.4	469.1	9	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. ENE
29	NE	NE	NNE	NE	NE	NE	103	122.3	138.4	128.7	492.4	8	A.-Cu.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
30	NE	NE	NE	NE	NE	NE	93.3	86.9	109.4	104.6	394.2	9	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-Cu. NE
31	NE	NE	NE	ENE	ENE	NE	107	97.4	103	91.7	399.1	9	Ci.-S.	Cu. NE	10	Ci.-S.	Fr.-N. NE
Mean	-----	-----	-----	-----	-----	-----	74.3	86.6	90.7	80.9	332.5	7.4	-----	-----	7.4	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	10,307.4	-----	-----	-----	-----	-----	-----

ATIMONAN.

[ϕ=14° 00′ N ; λ=121° 55′ E ; barometer above sea ; 4 meters ; gravity correction not applied, —1.74 mm.]

JANUARY, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.95	59.05	60	58.04	58.91	59.77	25.2	25	27.5	26.7	26.3	26	28.6	24.4	92	94	81	86	87	87	------
2	59.12	59.93	61.78	59.37	60	62	25.5	25.3	26.9	28	26.1	24.5	28.5	23.2	88	85	78	74	82	87	2.3
3	61.99	61.99	62.50	60.48	61.50	62.70	25.1	25	26.6	27.4	26	25.6	28.3	23.7	87	86	83	78	86	87	.3
4	61.39	61.63	62.52	60.44	61.93	62.30	25.3	25.5	27.2	27	25.7	25.5	29.8	24.5	91	91	83	84	90	92	1.6
5	61.44	61.63	62.44	59.99	60.40	61.54	25.6	25.5	27.2	26.7	26.2	25.9	27.8	25.2	92	92	83	86	86	87	------
6	60.43	60.50	61.47	59.19	59.86	60.41	25.7	25.7	26.5	26	24.2	25.4	27.2	23.9	88	87	86	88	94	88	11.7
7	59.65	59.26	60.40	58.45	59.15	60	25.2	25	26.8	27.2	24.9	25.7	27.7	23.9	84	81	76	75	87	82	------
8	58.66	59.08	60.55	58.29	58.45	59.21	25	25	26	25.8	25.7	24.3	26.9	24	83	83	81	84	85	97	6.9
9	58.25	58.45	59.90	57.84	58.31	59.72	24.8	25.3	26.6	28.3	26.4	26	28.9	24	92	89	83	78	87	87	.3
10	59.18	59.32	60.10	57.87	58.12	59.06	25.4	23.6	27.6	27.8	26.1	25.7	28.7	22.6	83	90	80	78	86	88	------
11	57.92	58.10	59.09	56.88	57.30	58.52	25.1	25.2	26.6	27.8	26.2	26.1	29.2	25	91	90	83	79	86	86	------
12	57.41	57.95	59.18	57.48	57.98	58.75	25.7	25	28.9	29	27	26	29.7	24.4	84	89	76	71	80	82	------
13	57.86	57.77	58.78	56.74	57.44	58.05	25.4	25.1	28	28	26.3	26	29.2	24.6	84	83	77	70	78	80	------
14	57.57	57.69	59	57.41	58.10	59.09	25.4	22.9	26	27	26.5	26	27.4	22.1	80	91	81	73	77	80	------
15	58.96	59.16	60.39	58.40	59.34	60.43	25.1	25.1	27.2	28	26.3	24.9	28.2	23.5	83	83	73	67	78	78	------
16	60.19	60.69	61.89	60.19	60.50	61.51	25	25	24.9	24.2	25	24.1	25.7	23.3	83	80	77	82	76	82	4.8
17	60.73	60.79	61.49	59.27	59.65	60.65	24.8	24.6	25.3	26.5	25.6	25.2	26.9	23.3	76	78	78	71	75	78	1
18	59.51	59.51	60.97	59.20	60.05	61.28	25.1	25.1	26.4	27.1	24.8	25.9	27.4	23.9	78	75	73	69	81	74	1
19	60.44	60.64	61.93	59.90	60.80	61.80	25.8	25.4	26.5	26.7	25.4	25	26.7	22.9	72	76	73	74	80	80	14.2
20	60.97	61.37	62.69	60.63	61.19	61.85	24	23.4	24.2	24	23.9	24.3	24.7	22.5	88	91	87	91	91	82	24.1
21	60.55	60.64	61.85	59.88	59.98	61.19	24.8	24.5	24.9	25.5	25.5	24.2	26.8	23.1	88	91	92	88	88	91	10.9
22	60.84	60.87	62.58	59.94	60.35	61.63	22.7	23	26.2	28.5	25.9	25.3	28.9	22.5	95	96	82	70	80	84	------
23	60.89	61.21	62.37	59.85	60.17	62.03	24.5	24.3	27.9	27.1	26	25.5	28.5	22.9	87	82	75	78	79	81	------
24	60.98	60.79	62	59.78	60.23	61.86	25	24.9	27	26.7	25.2	25	28	24.3	83	83	77	80	83	85	------
25	60.49	60.73	62.39	60.20	60.33	61.44	25	24.8	25	25.9	25.3	25.2	27.1	22.7	86	86	84	78	83	79	1.5
26	60.99	61.03	62.55	60.90	61.05	62.49	24.8	24.7	25.6	26.5	25.5	25.1	27.2	23.9	81	78	75	77	76	75	.3
27	61.95	62.67	64.40	62.73	62.83	63.85	24.4	23.3	25.3	25.4	24.8	24.4	26.2	22.7	79	84	71	69	68	71	------
28	62.81	62.70	63.63	61.25	61.09	62.20	24	24	26	26.1	24.9	24.8	27.3	23.5	71	72	66	68	72	73	------
29	60.88	61.06	62.03	59.83	60.09	60.94	24.3	24.2	25.9	25.5	24.9	24.5	27	23.5	73	78	72	72	72	75	------
30	60.16	60.76	61.91	60.15	60.84	62.01	24.1	24.3	24.8	24.4	24.4	23.7	25.5	23	78	77	79	84	84	87	1.8
31	61.75	61.65	62.97	60.56	61.41	62.43	24.4	24.5	23.8	24.8	24	24.1	25.2	22.8	79	79	85	81	85	82	4.1
Mean	60.09	60.28	61.48	59.39	59.91	60.99	24.9	24.7	26.3	26.6	25.5	25.2	27.6	23.5	83.8	84.5	79	77.5	82	82.8	------
Total	-------	-------	-------	-------	-------	-------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	86.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NNW	N	N	NNE	NE	66.2	81.6	121.3	118.1	387.2	4	A.-Cu. E	Cu. NE	8	A.-Cu. E	S.-Cu. N
2	ENE	NE	NE	NNE	NNE	N	118.1	141.8	151.8	152.6	564.3	6	Ci.-Cu. E	Cu. E	5	A.-Cu. E	Cu. E
3	N	N	NE	NE	NE	NE	145.3	156.1	159.1	139.8	600.3	9	Ci.	S.-Cu. ENE	7	Ci. SbyW	S.-Cu. EbyN
4	NE	NE	NE	NE	NE	NE	136.6	112.5	156.1	153.5	558.7	10	A.-Cu. E	S.-Cu. ENE	9	Ci.-Cu. S	S.-Cu. NE
5	NE	NNE	NNE	NNE	NNE	NE	148.6	143.5	154.2	145.6	591.9	9	Ci.	Cu.-N. ENE	7	Ci.-S. ENE	S.-Cu. N
6	NNE	NNE	NE	NNE	NE	NE	139.4	169.8	128.2	133.8	571.2	10	Ci.	S.-Cu. EbyN	9	Ci. ENE	S.-Cu. NE
7	NE	ENE	NE	NNE	NNE	NE	159.3	158.2	167.8	161.4	646.7	8	Ci.	S.-Cu. NE	4	------------	Cu. NE
8	NE	NE	NE	N	NNE	NE	160.4	158.7	162.7	139.2	621	10	Ci.	N. NE	10	Ci.-S.	S.-Cu. NE
9	NE	NE	NE	NEbyN	NE by N	NE	135.5	153.2	177.5	165.9	632.1	10	Ci. EbyN	S.-Cu. NE	8	Ci. E	Cu. E
10	NE	Calm	NE	NEbyN	NE	NE	102.8	116.2	174.9	141	534.9	4	A.-S.	S.-Cu. E	5	A.-Cu. E	Cu. ENE
11	NE	NE	N	NNE	NE	NE	120.2	126.9	161.7	143.7	552.5	7	Ci.	S.-Cu. NE	9	Ci.	Cu. ENE
12	N	NE	NE	NNE	NNE	NE	101.9	72.2	150.8	124.4	449.3	9	A.-Cu. E	S.-Cu. NE	3	A.-S.	Cu. E
13	NE	NE	NEbyE	N	N	NE	104.8	127.4	138.6	83.9	454.7	2	Ci.	S.-Cu. NE	3	A.-Cu. E	Cu.
14	N	SW	NNW	NNW	NNE	NE	46.9	89	129.2	141	406.1	9	Ci.	S.-Cu. NE	6	Ci. E	Cu. NE
15	NE	NE	NNE	NE	NE	NE	112.5	157.5	172.8	153.1	595.9	9	Ci. SW	S.-Cu. NE	7	Ci. SW	Cu. NE
16	NE	NE	NE	NNE	N	NE	169.5	180.5	173.5	167.5	691	10	Ci.	S.-Cu. NE	10	Ci.	S.-Cu. NE
17	NNE	NNE	NNE	N	NNE	NNE	178.6	175.1	181.8	162.8	698.3	8	Ci.	S.-Cu. NE	4	Ci.	Cu. NE
18	NNE	N	NNE	NNE	NE	NE	164.7	170	167.6	164.9	667.2	4	Ci.	S.-Cu. NE	7	A.-Cu. NE	Cu. NEbyN
19	NE	NNE	NNE	NNE	NE	NE	169.8	162.3	172.2	176.8	681.1	9	Ci.	S.-Cu. NE	9	Ci. E	S.-Cu. NE
20	NE	NE	N	N	N	NE	179.2	149.2	140.2	120.9	589.5	10	------------	N. NE	10	Ci.-S.	N. NE
21	NE	NE	Calm	Calm	NW	Calm	86.4	52.5	68.2	36.5	243.6	10	Ci.	S.-Cu. E	10	A.-Cu. NE	S.-Cu. ESE
22	S	Calm	N	NNE	N	NE	30.4	62.8	133.8	105.9	322.9	10	Ci.	S.-Cu. NE	3	Ci.	Cu.
23	NE	Calm	NE	NNE	NE	N	66.2	74.3	163.8	158.7	463	3	Ci.	S.-Cu. NE	7	Ci. SW	S.-Cu. NE
24	NE	NE	NNE	NNW	N	N	136.3	118	161.1	166.7	582.1	9	Ci.	S.-Cu. NE	7	Ci.	Cu. NE
25	NNE	N	N	N	N	NNE	158.3	142.1	153.7	162.8	616.9	10	Ci.-S.	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. NE
26	N	NbyE	NE	NNE	NE	NE	147.8	161.9	176	173.8	659.5	7	Ci.	S.-Cu. NE	8	------------	S.-Cu. NE
27	NE	NE	NE	NNE	NE	NNE	192.1	190.9	181.2	186.4	750.6	9	A.-S.	S.-Cu. NE	9	A.-Cu.	S.-Cu. NE
28	NNE	N	NNE	N	NE	NE	190.7	194.9	192.3	189.1	767	9	Ci.	S.-Cu. NE	9	A.-Cu. NE	Cu. NE
29	NNE	NE	NE	NNE	NNE	NE	160.6	146.6	167.5	174	648.7	9	Ci.	S.-Cu. NE	10	Ci.	S.-Cu. NE
30	NE	N	N	N	N	NE	------	------	168.4	180.4	------	6	Ci.	S.-Cu. NEbyN	10	Ci.-S.	N. NE
31	NE	N	N	NNE	NNE	NE	185.3	185	191.8	188.1	750.2	10	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
Mean	------	------	------	------	------	------	133.8	137.4	158.1	148.8	576.6	8 •	------------	------------	7.5	------------	------------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea; 4 meters; gravity correction not applied, —1.74 mm.]

FEBRUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.96	62.25	63.95	62.19	63.15	64.13	23.2	24.6	24.6	24.9	24.4	24.8	25.3	22.4	90	78	79	76	80	76	2.4
2	63.70	63.61	65.23	63.29	63.84	65.04	24.9	24.1	24.4	25.1	24.7	24.8	25.5	23	71	77	71	73	76	73	1.8
3	63.68	63.30	65.09	62.91	62.86	64.14	24	24.2	23.4	24.5	24.5	23.1	24.9	22	80	78	85	80	79	90	7.9
4	62.97	62.37	63.35	60.61	60.93	61.89	23.5	23.9	24.7	25	24.1	24.4	25.2	22.3	88	87	86	86	91	91	5.1
5	60.91	60.50	61.60	59.30	59.82	61.11	24	24.2	25	25.6	24.8	23.9	26.2	23	95	90	89	83	87	95	30.5
6	59.93	59.84	60.54	58.38	59.22	60.14	24.2	24	25.2	25.8	25	24.7	26.4	23	90	95	93	85	90	94	6.2
7	59.48	59.68	61.01	58.32	58.32	59.64	24.7	24.4	25.6	26.8	25.5	25.3	27.9	23.5	90	92	93	86	88	85	.5
8	58.78	58.71	59.74	58	57.95	58.60	25	24.9	25.7	26.6	25.7	25.4	27.6	24.5	92	92	90	87	90	93	------
9	58.65	58.06	58.99	57.78	57.75	59.10	25.4	25.1	25.9	25.2	25.3	25	26.4	24.2	92	94	88	90	92	92	16.2
10	58.87	59.19	60.18	57.90	58.25	59.20	23	23	25.4	26.3	25.2	25	26.7	22.5	97	97	92	83	93	91	1
11	58.95	58.86	60.15	58.33	58.63	60.17	25	24.4	24.3	23.5	23.8	23.1	25.5	22.2	91	94	92	96	93	93	51.5
12	59.96	59.46	60.86	58.73	59.04	60.01	22.5	23	22.8	24	23.9	23.5	25.2	21.8	98	95	93	87	87	90	4.4
13	59.36	59.59	60.80	58.53	59.29	60.59	23.1	23.1	25	26	25.2	24.9	28.4	22.4	95	95	88	82	86	88	------
14	59.71	60.01	60.75	58.34	59.30	59.97	24.3	23	26.5	27	26.2	25.2	27.7	22.9	91	97	84	80	85	90	------
15	59.25	59.91	60.87	58.58	59.15	59.91	24.5	23	26.9	28.3	27	24.3	29	22.5	96	96	84	74	76	91	1.8
16	59.04	59.43	60.75	58.10	58.64	59.31	22.4	22	27.1	27.5	26.7	26.2	28.2	21.5	96	97	82	80	86	90	------
17	58.14	58.52	59.43	56.88	57.25	59.05	26	24.9	27.3	28	27	24.7	29.2	24.1	91	97	81	77	84	93	------
18	57.97	58.79	59.68	57.62	58.47	59.58	25.3	25.4	28.8	29	27	26.5	30.1	25.2	89	88	73	71	80	85	------
19	58.65	59.19	60.87	59.16	59.79	60.98	25.7	25.4	28.9	29	26.9	26.2	30	24.9	86	88	73	77	84	84	------
20	60.14	60.65	61.96	60.12	60.49	61.70	25.9	25.8	29	27.4	26.5	25.9	30	24.8	86	84	75	78	84	83	.8
21	61.03	61.08	61.93	60.04	60.44	61.43	25	24.9	28.8	27.7	26.2	25.2	30.4	24.4	88	87	71	71	74	78	------
22	61.18	60.90	61.75	58.86	58.80	60.52	24.9	24.3	28.9	29	26	25.4	30.6	23.8	76	80	65	64	74	77	------
23	59.99	60.56	61.42	58.63	58.81	60.70	22	21	26.8	27.4	26	25.3	28.2	20.8	96	95	78	78	81	80	------
24	59.77	60.29	61.57	59.34	59.49	60.27	24.5	21.5	26.5	28.1	26.2	25.7	29.8	20.6	83	88	74	70	79	78	------
25	59.65	59.94	60.77	58.72	58.80	60.20	25	25	28.9	29.4	26.9	25.9	31.2	24.7	83	84	71	66	76	78	------
26	59.82	59.67	60.69	58.93	58.91	60	23.2	25	28.1	27.4	26.5	26	29.7	22.1	91	87	76	79	84	88	------
27	58.91	59.17	60.72	58.34	57.97	58.72	25.5	23.8	28.7	29.2	26.6	24.9	29.6	23.3	87	91	75	67	79	87	------
28	58.89	58.48	59.20	57.79	57.73	58.84	22.7	24.5	29.2	29.9	27.5	26.3	31.4	22.3	97	95	72	71	73	79	------
Mean	59.98	60.07	61.21	59.06	59.40	60.53	24.3	24	26.5	26.9	25.8	25.1	28.1	23	89.5	89.9	81.2	78.5	83.2	86.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	130.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NNE	NNE	NNE	194.4	199.7	197.4	182	773.5	10	Ci.-S.	S.-Cu. NE	10	------------	N. NE
2	NE	NNE	NE	NNE	NNE	NE	175.1	175.7	176	161.1	687.9	10	Ci.	S.-Cu. NE	9	Ci.-Cu.	S.-Cu. NE
3	NE	NE	NNE	NNE	NNE	NE	167.1	171.7	170.4	173	682.2	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NE
4	NE	N	N	N	N	NE	164.1	153.1	160.9	162	640.1	10	Ci.-Cu.	S.-Cu. NE	10	Ci.-S.	N. NE
5	NE	N	N	N	N	NE	133.9	150.8	159.3	156.7	600.7	10	Ci.-Cu.	S.-Cu. NE	10	------------	N. NE
6	N	NNW	NNW	NE	N	N	153.9	104.3	138.2	102.8	499.2	10	A.-Cu. ENE	S.-Cu. NE	10	------------	N. NE
7	N	N	Calm	N	N	N	101.1	71.1	131.4	96.4	400	10	Ci.-S.	S.-Cu. NE	9	Ci. E	Cu. NE
8	N	N	NNW	NNW	NNW	N	87.2	97.1	93.8	84.5	362.6	9	Ci.	S.-Cu. NE	9	A.-Cu. SE	S.-Cu. NE
9	N	N	N	N	NNE	N	113.5	------	------	112.1	-------	9	Ci.	S.-Cu. NE	10	Ci.	S.-Cu. NE
10	N	Calm	NW	NW	NW	N	59.7	74.8	138.7	127.9	401.1	10	Ci.	S.-Cu.	6	Ci.	S.-Cu. N
11	N	NNW	N	NW	N	NE	95.2	107.2	140.8	143	486.2	10	Ci.	S.-Cu. N	10	------------	N. N
12	N	NE	NEbyN	NE	NE	N	139.4	162.3	144.2	122.5	568.4	10	------------	N. N	9	Ci. ENE	S.-Cu. NE
13	NE	NE	E	E	N	N	64.9	47.5	71.8	83.2	267.4	10	Ci.	S.-Cu. NE	10	A.-Cu.	S.-Cu. E
14	NW	SW	N	NNW	N	Calm	33	41	111.3	29.6	214.9	10	Ci.	S.-Cu. SE	5	A.-Cu. SE	Cu. SE
15	SW	SW	NNW	NNW	NW	Calm	31.9	37	71.6	58.2	198.7	8	A.-S.	S.-Cu.	9	A.-Cu. E	Cu. SE
16	SW	SW	N	NW	N	N	57.6	59.3	117.3	87.2	321.4	8	Ci.	S.-Cu. N	4	Ci.	Cu. SE
17	N	SW	NNW	NW	NW	SW	60	48.5	90.4	53.4	252.3	9	Ci.	S.-Cu. N	2	------------	Cu.
18	N	NE	Calm	N	NNE	N	78.3	68.4	133.3	122.3	402.3	5	Ci.	S.-Cu. NE	1	Ci.	Cu.
19	ENE	N	Calm	N	NE	NE	48.6	36	124.5	124.2	333.3	5	Ci.	Cu. NE	9	A.-Cu. NE	Cu. NE
20	NE	NE	NNE	NNE	NNE	NE	-----	75.6	124.2	125.8	-------	8	Ci.-Cu. E	S.-Cu. NE	9	Ci.	N. NE
21	NE	NE	ENE	NNE	NNE	NE	80.2	78.6	159.6	128.4	446.8	7	Ci.	S.-Cu. NE	8	A.-Cu. ENE	Cu. NE
22	NE	NE	ENE	N	N	NNE	91.7	45.9	73.8	73	284.4	6	Ci.	S.-Cu. NE	2	Ci.	Cu.
23	SW	SW	NW	NW	NNE	NE	43.3	73.8	130.9	103.3	351.3	3	A.-S.	S.-Cu.	6	Ci. SE	Cu. NE
24	NE	SW	E	N	NE	NE	60.9	47	123.6	121.5	353	8	Ci. E	S.-Cu.	5	Ci. SE	Cu. NE
25	NE	NE	NE	N	NE	ENE	119.4	73.2	141.9	106.8	441.3	9	Ci.	S.-Cu. E	3	Ci.	Cu.
26	Calm	N	NNE	NNW	N	NNE	39.7	99.6	141.4	126.8	407.5	7	Ci.	S.-Cu. NE	10	Ci.	S.-Cu. NE
27	N	Calm	NE	NbyE	N	Calm	48.5	70.8	108	53.9	281.2	7	Ci.	S.-Cu.	4	Ci.	Cu. NbyE
28	SW	NNE	NE	NbyE	NNE	NE	29.8	61	105.9	99	295.7	9	Ci. NE	S.-Cu. ENE	7	Ci.	Cu. E
Mean	------	------	------	------	------	------	91.6	90	128.9	111.4	421.3	8.5	------------	------------	7.4	------------	------------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4 meters; gravity correction not applied, −1.74 mm.]

MARCH, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.33	59.01	60.19	58.41	58.10	59.64	25	22.3	29.4	28.4	26.6	26.4	30.6	22.2	80	93	70	70	79	82	------
2	58.29	58.36	59.33	57.17	57.21	58.17	26.2	26	27.6	27.9	26.1	24.4	29.7	24	83	83	76	74	83	92	------
3	57.85	58.07	59.14	57.44	57.47	58.95	23.5	24.5	28.4	28.1	27.4	24.8	30.6	22.8	97	91	77	79	78	96	------
4	58.57	58.87	60.14	57.98	58.52	59.49	26	24.2	27	27.4	26.1	26	28	23.8	91	94	80	81	86	86	------
5	59.02	59.12	60.62	58.78	58.57	59.88	25.9	24.6	25.8	26.1	26	25.4	26.7	24.1	85	91	89	86	88	84	15.3
6	59.11	59.90	61.45	59.15	59.52	60.77	25.1	25.5	25.5	27	26	24.6	27.9	23.7	88	86	86	78	84	92	6.6
7	59.66	59.55	61.03	59.09	59.72	60.87	24.8	25.4	27	27.8	26.1	26	28.3	23.4	92	84	77	71	78	78	------
8	60.08	60.03	61.92	59.43	60.04	61.70	25.7	25.5	27.3	28	26.7	26.1	28.8	25	80	80	73	73	78	82	------
9	60.97	61	61.74	60.22	60.28	62.33	25.9	25.8	27.5	27.2	26.6	25.9	28.4	25	81	80	77	75	79	79	------
10	61.91	62.10	62.58	60.76	60.78	62.70	23.9	24.4	28.1	29	26.8	25.8	30.3	22	88	90	74	70	78	81	------
11	61.85	61.50	62.63	60.62	60.89	62.37	25.2	22.4	28.9	28.1	26.6	26	30.1	21	82	92	69	69	78	80	------
12	61.57	61.53	62.04	60.25	60.02	61.63	25.2	24.5	26.1	26.2	25	24.4	28.4	23.5	80	87	83	82	88	92	4.6
13	60.60	60.45	62.02	60.14	60.38	62.17	25	24.7	27.3	25.5	26.2	25.9	29.2	23.6	83	89	74	82	79	73	------
14	61	61.23	62.50	60.68	60.79	62.08	25.4	24.9	27	28.4	26.5	25.5	29.2	24.2	77	83	76	68	76	75	------
15	60.93	61.04	62.03	59.74	59.42	60.70	24.7	24.9	27.5	27	26	26	28.4	24	82	76	70	75	76	76	------
16	59.30	59.12	59.69	57.72	58.09	58.42	25.6	25.5	26.4	25.8	26	26	27	25.1	72	78	73	79	76	76	2.5
17	57.01	56.91	57.57	55.43	55.61	56.44	25.6	25	24.1	24.6	24.9	25.7	26	23.3	79	83	91	86	84	78	3.8
18	55.85	56.14	57.05	55.16	55.55	57.53	25	23.1	29.8	29.6	27.6	26.8	32	22.8	83	86	63	67	76	80	------
19	56.71	57.39	57.96	56.44	56.89	59.25	25.5	24.5	29.6	27.3	27.7	24.2	32.7	23.5	87	91	74	71	72	91	------
20	58.88	59.14	60.33	57.90	58.48	60.24	23	22.3	28.8	27.5	27.7	25	30.4	21.9	95	96	80	84	82	92	------
21	59.83	60.02	60.96	58.35	58.50	59.40	23.6	23	29.9	29	27.6	27	31.5	22.5	93	96	77	74	80	83	------
22	59.01	59.25	60.78	58.38	58.96	60.24	26	24.3	29.6	27.9	26.1	25	31.7	23.9	84	94	77	78	90	88	7.4
23	58.92	58.87	60.58	58.32	58.80	59.98	25	24	27.8	28.3	27.1	25.4	29.7	23.5	90	95	80	79	83	88	1
24	59.69	60.01	61.26	59.29	59.04	61.38	26	25.1	29.2	28	27.5	27	30.4	24.5	92	92	76	80	85	87	------
25	61.26	61.57	62.49	60.52	60.33	62.69	24.4	23.3	29.6	30.1	28.2	26.8	31.7	23	96	97	77	71	79	82	------
26	62.07	62.01	63.31	61.06	60.98	62.02	25.7	23	29	28.1	27.2	26.4	30.7	22.6	82	91	73	74	83	88	------
27	60.80	60.97	62.04	59.72	59.85	60.88	26	25.6	28.8	29.1	27.4	26	30	25.4	88	85	71	69	80	88	5.1
28	59.92	59.85	61.11	59.14	59.48	60.39	26	26	28.8	29	27.3	26.9	30.2	25.2	84	80	75	74	81	84	------
29	59.52	59.52	60.56	58.55	59.04	60.19	26	26	27.5	29.3	27.5	26.9	30.4	25.8	87	87	82	75	80	84	1.5
30	58.94	58.77	59.37	57.88	58.28	59.52	25.7	25.5	29.8	29.8	28	27.1	31.2	25.4	86	88	75	76	83	87	------
31	58.40	58.59	59.50	58.08	57.95	59.63	26.8	26.4	30	27	27.3	26.9	31	23.8	89	87	71	87	85	85	5.3
Mean	59.54	59.67	60.77	58.77	58.95	60.38	25.3	24.6	28	27.8	26.8	25.9	29.7	23.7	85.7	87.9	76.3	76	80.9	84.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	53.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NE	N	NNE	NNE	43.1	74.5	141	135.5	394.1	8	Ci. NE	S.-Cu. NE	6	Ci. SE	Cu. E
2	NNE	NNE	NE	N	NNW	SW	138.2	145.9	-----	56.9	-------	10	Ci.-Cu. ENE	S.-Cu. NE	10	Ci.	S.-Cu. NE
3	SW	NW	NW	NW	E	SW	40	37.2	75.6	45.7	198.5	10	Ci.	S.-Cu. ENE	8	A.-Cu. SSE	Cu. SE
4	NE	SW	NW	NNW	N	NE	57.9	84.2	154.7	124.4	421.2	7	A.-Cu. SW	S.-Cu.	9	A.-Cu.	S.-Cu. NE
5	NE	Calm	WNW	NNW	N	N	42	69.4	134.9	116.5	362.8	9	A.-Cu. SW	S.-Cu.	10	A.-Cu.	S.-Cu. N
6	N	N	N	N	NE	NE	87.9	167.6	185.3	150.7	591.5	10	Ci.-S.	S.-Cu. N	10	A.-Cu. NE	S.-Cu. N
7	NE	N	NNE	NNE	NNE	NE	138.9	197.4	-----	178	-------	10	A.-Cu. NE	S.-Cu. NNE	7	Ci.	Cu. NE
8	NE	NNE	NNE	NNE	NNE	NNE	174.8	194.1	193.7	163.5	726.1	10	Ci.	S.-Cu. NE	5	Ci.	Cu. NEbyN
9	NNE	NE	NE	NE	NEbyN	NE	123.1	130	182.9	131.7	567.7	8	Ci. E	S.-Cu. ENE	10	A.-Cu. ENE	S.-Cu. ENE
10	SW	ENE	NE	N	NNE	NE	40.2	45.7	115.9	84.3	286.1	8	A.-Cu. E	S.-Cu. NNE	3	Ci.-Cu. NE	Cu. NE
11	E	SW	NE	N	N	NE	54.2	66.6	144	114.8	379.6	4	Ci.	S.-Cu.	4	Ci.-Cu.	Cu. NE
12	NE	Calm	NW	N	E	NE	67.3	68.9	124.1	40.8	301.1	9	A.-Cu.	S.-Cu. NE	9	Ci.	S.-Cu. NE
13	NE	ENE	E	E	Calm	E	72.4	55.7	67.9	105.2	301.2	10	Ci. E	S.-Cu. NE	10	Ci.	S.-Cu. NE
14	NE	NE	NE	NE	NE	NE	85.5	62	173.3	133.9	454.7	10	Ci. SE	S.-Cu. E	8	Ci. ESE	Cu. NE
15	NE	NE	NE	NE	NE	NE	142.4	178.3	200.3	186.1	707.1	8	Ci.	S.-Cu. NE	9	A.-Cu. NE	Cu. NE
16	NE	N	N	NNW	N	NE	179.2	199.5	200.1	201.7	780.5	10	Ci.	S.-Cu. N	10	Ci.-S.	S.-Cu. NE
17	N	N	NW	NW	NW	NW	193.9	196.5	162.7	164.7	717.8	10	Ci.-S.	N. N	10	Ci.-S.	N. N
18	SW	SW	SW	SW	SW	SW	-----	64.4	62	78.4	-------	10	Ci.-S.	S.-Cu. N	10	Ci.	S.-Cu. WNW
19	SSW	Calm	E	N	SW	SW	29.2	38.6	64.9	40.2	172.9	6	Ci.	Cu.	10	A.-Cu.	S.-Cu. S
20	SW	SW	N	N	Calm	SW	57.6	42.1	45.1?	28.8	173.6?	9	Ci.	S.-Cu. E	9	Ci.	Cu.-N. SE
21	SW	SW	NE	NW	N	N	59.3	38	88.8	64.7	250.8	7	Ci. SE	S.-Cu.	7	Ci.	Cu. SE
22	Calm	SW	Calm	W	NNW	SW	36.8	33.2	67	43	180	9	A.-Cu. SW	S.-Cu.	9	Ci.	Cu. SE
23	NW	WSW	N	NNW	NW	Calm	48.3	50.1	46.5	31.4	176.3	10	Ci.	S.-Cu. NE	9	Ci.	N. SE
24	NE	Calm	NNE	NW	NNE	NE	38.6	41.8	116.1	66.5	263	8	Ci.	S.-Cu. NE	8	Ci.	S.-Cu. SE
25	SW	SW	E	N	NE	ENE	41.8	29.8	131.7	123.9	327.2	4	Ci.	S.-Cu. NE	4	Ci.	Cu. NE
26	NE	Calm	NE	NE	NE	NE	45.4	91.7	180.4	130.2	447.7	1	------------	Cu.	10	Ci.	S.-Cu. NE
27	NE	ENE	NE	NNE	NE	NE	140.8	136.2	196.5	164.3	637.8	4	Ci.	S.-Cu. NE	5	A.-Cu. E	Cu. NE
28	NE	NE	NE	NE	NE	NE	154.8	137.1	194.5	151.9	638.3	1	------------	S.-Cu. NE	5	Ci.-Cu.	Cu. NE
29	NE	NE	NE	NNE	NE	NE	93.1	101.6	192.5	153.5	540.7	5	Ci.	S.-Cu. NE	3	Ci.-Cu.	Cu. NE
30	NE	NE	NE	N	N	NE	83.2	72.6	158.3	123.9	438	9	Ci.	S.-Cu. NE	8	Ci.	Cu. NE
31	NE	NE	NNE	N	NE	NE	116.7	107	120.9	152.4	497	5	Ci.	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. NE
Mean	------	------	------	------	------	------	87.6	95.4	135.2	112.5	426.2	7.7	------------	------------	7.9	------------	------------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4 meters; gravity correction not applied, —1.74 mm.]

APRIL, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.82	59.35	60.39	58.61	58.84	60.29	26	25.9	29	29.3	27.6	27	30.2	23.8	87	85	74	72	79	80	
2	59.60	59.64	60.53	58.38	58.75	60.17	26.4	25.9	29.3	29.4	27.6	27.1	30.7	25.7	85	86	69	68	80	83	1.5
3	59.16	59.42	60.53	58.40	58.94	60.08	25.9	26	30.3	30	27.6	27	31.3	25.2	86	88	70	69	76	80	
4	58.81	58.72	59.93	57.61	57.75	59.33	26.2	26.4	29.8	29	27.5	26.9	30.7	25.9	86	85	72	78	83	81	
5	58.60	58.86	59.88	57.93	58.04	59.75	26.3	26	31.3	30.2	28.1	28	32.5	25.7	84	85	65	68	79	77	
6	59.06	59.19	60.76	58.35	58.40	60.07	27.2	27.2	29.8	30.2	28.1	27.8	31.4	26.1	82	79	69	63	73	75	
7	59.49	59.70	60.67	59.13	58.59	60.65	27.1	27	30.9	30.4	28.4	28	30.9	26.8	81	77	65	63	74	75	
8	59.84	59.49	60.42	58.38	58.08	59.77	27.1	27	31.2	31.8	28.7	27.8	32.5	26	80	83	64	58	71	76	
9	58.94	58.84	60.38	58.07	57.98	59.72	27.3	26.5	30.8	31.1	29	28	31.9	25.7	78	83	66	64	71	75	
10	59.02	59.37	59.91	57.93	57.97	59.58	27	25.5	31.1	30.4	29	28.1	31.9	24.3	80	89	65	68	71	71	
11	58.59	58.77	59.82	57.95	57.82	59.10	27.8	26.9	30.6	30.6	28.7	27.9	32.7	25.6	79	83	73	72	75	78	
12	58.56	58.39	59.66	57.81	58.07	59.33	26.5	26.6	30.6	30.9	28	27.7	33.4	25.2	84	84	68	66	81	79	
13	58.80	59.07	60.41	58.62	59.22	60.83	27	24.5	30.9	30.6	28.7	27.9	33.7	24	82	87	65	65	71	75	
14	59.34	59.39	60.92	59.27	59.42	60.96	27	27.5	30.9	30.3	28.7	28.1	31.7	26.2	83	78	65	69	77	72	
15	60.08	60.14	61.59	59.98	59.89	61.13	28	26.8	29	29.7	28.8	28.3	29.7	26.2	84	86	76	77	77	80	1.8
16	59.49	59.73	60.66	58.86	58.74	60.06	27.8	25.7	31.5	30.7	29	28	33.7	25.4	79	88	66	70	78	80	
17	59.24	58.76	59.71	57.36	56.98	59.21	25.9	26.8	31.8	30.6	29.5	24.4	33	23.5	89	83	61	62	67	93	
18	58.58	58.57	57.32	55.76	55.87	57.92	23	22.5	31.9	32.7	30	26.1	34.7	21.8	93	93	60	57	71	86	
19	56.85	56.78	57.71	56.06	56.28	57.90	25.2	24.5	30.4	31.4	29.1	26	32.7	24	90	92	75	73	74	88	
20	57.25	57.41	58.19	56.54	56.36	57.80	25.1	24.5	31	30.8	29.1	27.9	33	23.6	90	91	69	70	76	81	
21	56.95	57.27	57.73	55.45	56.71	57.74	27.8	25	32.1	32.2	29.2	28.6	33.7	24	79	90	61	63	73	76	
22	56.89	56.94	58.01	56.68	56.73	58.09	27.4	28.4	31.2	30	28	27.5	32	25.7	82	77	65	73	77	78	.8
23	56.96	57.06	57.76	55.88	56.95	57.92	27	27.1	29.9	28.4	25.8	26	30.9	25.2	80	83	71	77	92	91	16
24	56.38	56.27	57.59	56.91	57.58	58.86	26.4	24.4	26.9	24.8	24.4	24.4	27	23.4	88	93	85	93	92	92	62
25	57.91	58.27	59.25	58.15	58.84	59.87	24.8	25.1	27.9	28	27.8	25.9	29.4	23.4	92	92	84	81	83	93	2
26	59.36	59.38	60.19	58.67	58.74	59.88	24.6	24.4	29.4	30.5	28.8	27.9	31.3	23.6	95	97	79	72	79	84	
27	59	59.46	60.72	58.16	58.52	60.46	25.5	24.8	30.6	30.8	29	28	32	24	92	93	74	72	77	77	
28	59.19	59.32	60.67	58.88	58.97	60.46	27.4	24.9	30.9	31	29.2	28.5	32	24.2	79	92	67	69	76	79	
29	59.80	59.89	60.68	59.01	59.38	60.62	27.5	27.2	31.3	31	29	28	32	26.8	81	84	68	64	74	79	
30	59.98	59.83	60.67	58.90	59.11	60.07	26	24	30.7	31.4	29	28.3	32	23.3	83	93	68	66	74	77	
Mean	58.68	58.78	59.76	57.92	58.12	59.59	26.5	25.8	30.4	30.3	28.4	27.4	31.8	24.8	84.4	86.6	69.3	69.4	76.7	80.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	84.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	NE	NE	128.2	136.8	170.9	122.3	558.2	3	Ci.	Fr.-Cu. NE	5	Ci.	Cu. NE
2	NE	NE	NW	NW	N	NE	71.1	71.3	153.9	132.6	428.9	7	Ci.	S.-Cu. NE	4	Ci.-Cu.	Cu. NE
3	NNW	NE	NE	NNE	NE	NE	82.4	-----	150.5	128.5	-----	9	Ci.	S.-Cu. NE	7	Ci.	Cu. NE
4	NE	NE	NE	NE	NE	NE	90.9	101.2	198.7	173.6	564.4	8	Ci.	S.-Cu. NE	9	A.-Cu. E	Cu. NE
5	NE	N	EbyN	NE	NE	NE	126.1	79.2	137	104.4	446.7	6	Ci.	S.-Cu. NE	8	A.-Cu.	Cu. ENE
6	NE	NE	NE	NE	NE	NE	80	114.8	174.1	138.7	507.6	9	Ci.	S.-Cu. NE	9	Ci.-Cu. SE	Cu.
7	NE	ENE	NE	NNE	NNE	NE	-----	136.8	169.8	127.7	-----	3	Ci.	S.-Cu. NE	3	-----	Cu. NE
8	NE	NE	NE	NE	NNE	NE	96.3	105.6	121.5	101.2	424.6	5	Ci.	Cu. NE	5	A.-Cu. E	Cu. NE
9	NE	E	NE	NNW	NNE	NE	88	87.5	119.7	111.8	407	3	-----	Cu. NE	3	Ci.	Cu. NE
10	NE	NE	NE	N	NNE	NE	53.9	72.1	119.3	84.7	330	3	Ci.	Cu. NE	7	Ci.-Cu.	Cu. NEbyN
11	NE	Calm	Calm	N	N	NNE	67.9	38.4	129.3	76.6	312.2	6	Ci.	Cu. NE	3	Ci.	Cu. NE
12	N	NE	Calm	N	N	NE	54.7	37.3	120.9	88.2	301.1	1	Ci.	Cu. NE	5	Ci.-Cu. NE	Cu. NE
13	E	SW	E	NW	N	NE	64.1	33.8	123.3	120.4	341.6	4	Ci.	Cu. NE	2	Ci.	Cu.
14	NE	N	NE	N	NE	NE	80.8	97.2	-----	-----	-----	6	-----	S.-Cu. NE	6	A.-Cu. NE	Cu. NE
15	NE	N	NNW	NNW	N	NE	84.5	100.6	156.9	137	479	6	Ci.	S.-Cu. NE	6	Ci.-Cu.	Cu. SE
16	NE	Calm	NE	NW	N	NE	69.2	34.9	118.9	108	331	1	Ci.	Cu.	2	Ci.	Cu.
17	Calm	NE	NE	NW	NW	SW	47.5	51.3	87.2	65.5	251.5	4	Ci.	Cu. NE	1	-----	Cu.
18	SW	SW	E	N	NW	SW	92.3	42.8	64.6	53.6	253.3	1	Ci.	S.	1	Ci.	Cu.
19	SW	SW	N	NNW	NE	SW	68.2	56.6	79.1	61	264.9	9	Ci.	Cu.	10	Ci.-S.	Cu. N
20	SW	SW	NE	NW	NE	Calm	66.8	46.2	110.4	52.1	275.5	9	Ci.	S.	8	Ci.	Cu. NE
21	Calm	SW	NE	N	N	NE	35.7	38.8	99.5	112.1	286.1	9	Ci. ENE	S.-Cu. NE	7	Ci. NW	Cu.
22	NE	NE	N	NNE	NE	NE	100.9	112.9	119.3	108	441.1	9	Ci.	S.-Cu. NE	9	Ci.	S.-Cu. NE
23	NE	NE	N	NNE	NNE	NE	97.9	133.4	177.3	106	514.6	10	Ci.-S.	N. NE	10	Ci.-S.	S.-Cu. NE
24	ENE	SW	Calm	Calm	Calm	SW	52.3	29	29.3	27.1	137.7	10	Ci.-S.	S.-Cu. SE	10	Ci.-S.	N. S
25	SE	Calm	SSE	S	Calm	SW	40.2	40	44.6	39.6	164.4	10	Ci.-S.	N. S	10	Ci.-S.	S.-Cu. S
26	SW	SW	N	NNW	NE	NE	47.8	51	91.4	58.2	248.4	5	A.-Cu. ESE	S.-Cu. SE	5	Ci.	Cu.-N. SbyE
27	SW	SW	NE	NNW	N	NE	50.4	46.5	102.7	107	306.6	4	Ci.	Cu.	6	Ci.	Cu.-N.
28	E	SW	E	N	NE	NE	53.1	42.8	134.6	137.4	367.9	2	Ci.	Cu.	4	-----	Cu. NE
29	NE	NE	NE	N	NNE	NE	86.9	70.8	133.1	104	394.8	4	A.-Cu. ENE	Cu.	5	Ci.	Cu. NE
30	Calm	SW	NE	NE	NE	NE	-----	117.8	132	143.5?	-----	1	Ci.	Cu.	5	Ci.	Cu. NE
Mean	-----	-----	-----	-----	-----	-----	74.2	73.4	123.1	101.1	359.2	5.6	-----	-----	5.8	-----	-----

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4 meters; gravity correction not applied, —1.74 mm.]

MAY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.50	59.70	60.22	58.37	57.99	59.46	27.4	26.4	30.1	30.7	28.8	28	32.4	25.3	81	84	70	69	76	80	------
2	58.94	58.80	59.21	57.23	57.37	58.72	27.4	27.7	29.6	30	29	28	31	26.8	84	82	72	73	76	81	------
3	57.98	58.21	59.17	56.81	57.38	59.19	27.7	27.3	31	30	29	28.2	31.8	26.6	82	82	67	73	76	77	------
4	58.54	58.70	59.09	57.26	57.57	58.98	27.9	27.6	29.7	30.9	29	28.2	31.5	27.4	78	80	71	66	73	80	3.6
5	58.07	58.01	58.68	56.77	57.02	57.88	28	27.2	30.2	30.3	29	28.5	30.7	26.1	83	86	70	71	74	76	3.6
6	56.22	56.20	56.43	53.93	53.91	55.11	27.6	25.7	31	32.9	30.3	28.4	33.9	25	87	94	63	56	63	70	------
7	53.76	53.90	54.86	52.99	53.73	55.59	28	28.4	32.3	33.9	30	28.1	34.4	26.6	77	71	56	50	66	78	------
8	54.70	54.70	55.64	53.99	54.27	56.28	27.6	27.4	31.5	31.6	30.7	26	33.8	24.9	80	81	63	63	69	84	------
9	56.20	56.43	56.53	54.43	54.89	56.57	24.1	23.2	31	33	30	27	34.7	22 5	91	90	62	64	64	85	------
10	56.91	56.80	57.33	55.18	55.47	57.34	25.5	24.3	31.2	33.7	30.4	26.2	34.7	24.2	93	93	68	62	67	86	------
11	57.39	57.90	58.76	56.50	56.69	57.95	25.4	25	31	31.4	29.8	26.9	32.4	24.4	88	92	60	68	73	85	------
12	57.95	58.38	58.52	57.06	57.13	58.81	25.1	24.6	30.7	31.5	29.9	26.7	32.5	23.8	92	93	74	67	68	83	------
13	58.60	58.04	58.29	56.31	56.20	58.11	24.9	24.4	30.5	31.9	30	26.8	32.7	24.3	92	92	68	62	71	82	------
14	57.79	57.84	58.33	56.41	56.45	58.03	25.8	27.5	31	30.9	29.9	28.4	32.9	24.3	92	80	68	65	68	76	------
15	57.94	58.01	59.21	57.15	56.83	58.42	27.9	27	31.1	32.1	29.8	28.8	33.7	24.9	78	83	66	62	66	72	9.1
16	58.01	58.25	58.87	56.71	56.82	58.28	28.2	25.9	28.2	31.6	28.9	26.8	32.6	24	75	90	81	65	74	86	------
17	57.66	58.23	58.40	56.62	56.77	58.14	25.4	24.9	31.5	28.4	28.6	26	32.6	24.4	92	92	72	73	76	91	------
18	57.91	57.97	58.52	57.06	57.86	59.26	25.8	24.4	31.6	31.6	27	25.5	34.2	24	85	92	70	65	83	92	6.6
19	58.41	58.73	59.12	56.96	57.83	59.84	24.9	24.6	30.9	32	28.8	27	33.5	23.5	92	91	73	69	76	88	------
20	59.24	59.31	60.32	58.99	58.69	60.83	25	24.9	28.6	26.5	28.5	25.4	31.6	23.8	91	87	74	80	78	92	10.2
21	59.95	59.64	60.08	58.68	58.87	60.23	24.3	24	30.6	28.9	27.8	25.2	33.7	23.3	93	96	72	70	82	91	3.6
22	59.87	59.54	59.68	57.59	57.80	59.46	24	23.9	30.9	31	27.1	25	32	23.3	97	96	76	71	87	93	5.1
23	58.30	57.57	58.36	55.85	56.75	58.12	24.4	24.5	30	32.5	26.5	26	33.1	24	94	94	76	60	84	87	4.3
24	57.32	56.57	56.95	55.09	56.53	58.14	25	24.5	30.9	32	28	25	33.5	23.9	92	96	66	63	79	95	58.4
25	57.01	56.85	57.59	55.69	55.91	57.30	25.1	25.4	28.2	29.2	27.1	27.3	30.2	23.9	94	93	83	76	83	81	.5
26	56.81	56.79	57.92	57	55.40	56.96	26.8	26	28	26.4	25.7	26	30.2	24.9	80	84	77	80	82	83	.8
27	56.36	55.95	56.98	55.42	55.82	57.14	26	27	30.5	31.5	29	26.9	32.3	24.4	85	77	67	62	69	75	------
28	56.59	56.24	56.52	55.41	56.52	58.78	26.5	25.3	31.4	31.7	29.8	26.5	32.7	24.8	80	88	71	62	69	75	------
29	56.82	57.76	58.59	57.16	58.37	59.99	25.5	24.8	30.3	32.5	29	25	33.5	24	84	87	69	57	76	91	3.8
30	58.57	58.46	59.41	57.79	58.52	59.23	24.3	23.9	29.5	28.5	27.9	26.7	33.5	23.3	93	93	83	73	84	90	------
31	58.75	58.75	59.12	57.13	57.79	59.05	25.1	24.5	30.6	29.4	27.1	25.7	32.4	24.2	92	96	74	79	89	93	6.4
Mean	57.68	57.68	58.28	56.44	56.75	58.30	26	25.6	30.4	30.9	28.8	26.8	32.7	24.5	87	88.2	70.4	67	74.9	83.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	116

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	ENE	Calm	NE	N	NE	NE	-----	60	150.7	134.2	-------	1	Ci.	Cu.	7	A.-Cu. ENE	Cu. NE
2	NE	NE	NW	N	NE	NE	71.1	-----	122.3	71.6	-------	4	Ci.	S.-Cu. NE	8	Ci.	Cu. NE
3	NE	N	NE	N	NE	NE	85.1	-----	146.2	104.4	-------	9	Ci.	S.-Cu. NE	5	Ci.	Cu. NE
4	NE	NE	NE	N	N	NE	73.5	100	154.5	134.7	462.7	7	Ci.	S.-Cu. NE	5	Ci.	Cu. NE
5	NE	NE	N	N	N	N	102.7	139.5	194.5	171.4	608.1	8	Ci.	S.-Cu. NE	9	Ci.	Cu. NE
6	NNE	SW	N	NW	W	W	137.9	70.3	60.7	61.7	330.6	8	Ci.	S.-Cu. NE	10	Ci.-S.	Cu.
7	SW	SW	WSW	WSW	SW	SW	86.7	136.2	153.1	124.4	500.4	8	Ci.	Cu.	6	Ci.	Cu. SW
8	SW	SW	SW	S	SW	SW	115.3	99.2	-----	64.9	-------	8	Ci.	S.-Cu. W	10	Ci.-S.	S.-Cu. W
9	SW	SW	SW	E	S	SW	78.7	71	44.8	63.8	258.3	10	Ci.-S.	------------	7	Ci.	Cu. SW
10	SW	SW	Calm	NE	N	SW	67.9	36	61	64.2	229.1	5	Ci.	------------	3	Ci.	Cu.
11	SW	SW	W	NNW	NE	Calm	63.6	71.9	70.5	32.8	238.8	7	Ci.	Cu.-N.	4	Ci.	Cu.-N.
12	SW	SW	Calm	NNW	NNE	SW	59.7	41.8	88.5	52.9	242.9	10	Ci.-S.	Cu.	7	Ci. E	Cu.-N. NW
13	SW	SW	N	N	N	E	65.2	45.7	86.6	61.2	258.7	1	Ci.	Cu.	2	Ci.	Cu.
14	E	E	Calm	NW	NNE	NE	48.6	45.4	112	78.7	284.7	1	Ci.	Cu.	1	Ci.	Cu.
15	NE	NE	NE	N	NNE	NE	52.9	68.2	79.4	75.6	276.1	9	Ci.	S.-Cu. NE	6	Ci. ENE	Cu.
16	N	SW	Calm	SbyE	SW	SW	46.2	52.1	86.6	57.9	242.8	10	Ci.	N. NE	10	Ci.-S.	S.-Cu. W
17	SW	SW	NE	SW	SW	SW	53.1	42.1	82.3	71.1	248.6	8	Ci.-S. WSW	Cu.-N.	9	Ci.	Cu.-N. NW
18	SW	SW	NE	NW	SW	SW	62.2	42.6	74.5	40.2	219.5	8	Ci. S	Cu.	9	Ci.	Cu.-N. W
19	SW	SW	NE	EbyN	SW	Calm	66.2	42.4	55.7	32.7	197	8	Ci. SW	S.-Cu.	6	Ci.	Cu.-N.
20	SW	SW	Calm	W	Calm	SW	63.4	39.2	44	44.9	191.5	8	Ci.	S.-Cu. SW	10	Ci.	N. S
21	SW	SW	EbyN	SW	SW	SW	58.7	41.8	-----	-----	-------	9	Ci. E	S.-Cu.	10	Ci.	N. SW
22	SW	SW	Calm	NNW	N	SW	-----	38.9	74	68.7	-------	9	Ci. E	Cu.-N.	6	Ci.	Cu.-N.
23	SW	SW	Calm	SSW	SE	Calm	65.2	41.6	77.4	38.8	223	9	Ci.-Cu. NE	Cu.	8	Ci. N	Cu. S
24	SW	SW	SE	SSE	Calm	SW	59.7	52.9	53.7	54.4	220.7	10	A.-Cu. E	S.-Cu. SW	9	Ci.	S.-Cu. S
25	W	SW	SW	SSW	S	S	39.4	42.4	84	64.2	230	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	S.-Cu. S
26	WSW	SW	SW	SW	SW	SW	55.5	93.3	90.9	127.7	367.4	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. W
27	SW	Calm	SW	SSW	SW	SW	33.2	69.8	70	70.5	243.5	4	A.-Cu.	S.-Cu. SW	7	A.-Cu. W	Cu.
28	SW	Calm	WNW	SW	SW	W	-----	46.4	75.4	83.1	-------	9	Ci. NW	Cu.	8	A.-Cu. W	Cu. W
29	SW	SW	SW	SW	WSW	SW	45.1	55.2	67.3	64.9	232.5	4	Ci. WSW	S.	5	Ci.	Cu. S
30	SW	SW	E	E	E	Calm	72.7	38.1	80.3	31.2	222.3	9	Ci. W	S.	8	Ci.	Cu.-N. SE
31	SW	SW	Calm	NW	Calm	SW	48.5	34.1	54.5	31.6	168.7	9	Ci.	S.-Cu.	9	A.-Cu. SE	Cu.-N. S
Mean	------	------	------	------	------	------	67.1	60.6	89.5	72.6	279.1	7.4	------------	------------	7.2	------------	------------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4 meters; gravity correction not applied, —1.74 mm.]

JUNE, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.94	58.26	58.42	57.27	56.96	58.94	26.2	25.5	29.2	31.2	29.5	26.5	32.4	24.6	93	95	83	71	77	91	------
2	58.61	58.07	58.29	56.77	56.97	58.95	25	24.4	30.5	29.3	27.6	25.9	32.9	24.4	96	97	79	82	84	92	3.6
3	58.21	57.87	58.18	56.34	56.51	58.11	25.5	24.7	29	30.5	29.9	29	31.5	24.1	91	94	79	70	75	81	------
4	57.39	57.12	57.56	56.11	56.16	58.05	26.8	24.9	30.6	30.9	30	28.5	33.2	24.4	89	93	74	69	75	76	------
5	57.34	57.75	58.98	57.94	57.95	59.04	27.9	25.7	31	30	30.1	27.5	34.2	25.2	82	94	71	78	75	84	3.6
6	58.61	59.36	59.87	58.02	58.39	59.79	27.8	25.4	30.8	31.8	29.1	28.5	32.9	24.9	81	95	70	70	83	84	------
7	58.92	59.12	59.63	58	58.18	59.63	26.5	25.9	30.4	31.7	29.6	26.8	33.5	24.8	88	91	70	60	72	88	------
8	59	59.16	59.01	58.31	58.03	59.22	25.4	24.6	30.3	31.6	30	28.5	32.8	24.4	93	96	77	67	71	80	------
9	58.77	58.86	59.25	57.06	57.41	59.21	28	27.5	31	32.8	30.6	27	34.5	25.8	81	82	69	58	67	88	------
10	59	59.41	59.81	58.71	58.53	59.96	25	24.1	31	31	29.9	28.9	33.6	23.3	97	98	72	71	77	81	------
11	59.33	60.03	60.66	59.12	59.97	60.94	28	26.7	30.4	32	25.9	24.5	33.9	24	82	83	68	67	84	92	4.3
12	60.53	60.29	60.77	60	60.01	60.88	24.2	24.1	29.8	25.4	25.4	25	33.5	23.5	96	97	75	93	93	96	60.9
13	59.90	59.44	59.27	57.92	57.99	59.08	24.6	26.8	30.3	28.5	29	28	31.7	24.2	95	85	73	80	81	86	1
14	58.94	59.12	59.76	57.91	58.04	59.61	26.1	25	30.6	32	27.9	25.8	33.4	24.3	91	93	71	63	82	90	2.3
15	59.24	59.52	59.67	57.64	57.89	59.24	24.6	25	30.6	31	29.7	28.6	32.7	23.5	97	90	77	69	76	83	1.3
16	58.42	58.82	59.15	57.79	58.44	59.43	27.8	26.4	30.6	31.8	26.9	28.2	33.1	25.2	86	89	70	65	85	84	16.2
17	58.62	58.71	59.21	57.54	57.69	59.43	27.7	26	30.6	31.5	29.2	28.5	33	25	85	91	70	68	79	81	------
18	58.39	57.74	58.90	57.42	57.96	59.19	28.3	28.5	30.9	30.7	29.2	27.9	31.7	27.2	81	80	72	72	85	84	.5
19	58.54	58.35	59.01	57.71	57.75	59.39	28	28.4	29.7	29	27.1	25.4	32.1	24.9	81	75	73	72	87	92	------
20	58.75	58.15	58.42	56.77	57.07	58.88	24.6	24.4	29.9	31.1	28.9	28	32.7	24	95	96	75	72	79	84	------
21	57.91	58.28	58.33	56.94	57.79	59.42	25.6	25	29.6	27.9	26	25.3	31.2	24.5	93	94	77	84	89	93	13.8
22	58.89	58.90	59.36	57.77	57.89	58.84	25.5	25	28.6	28.4	28	27.4	30	24.2	92	94	84	85	80	84	3.3
23	57.60	57.36	58.39	56.80	56.40	57.96	27.4	26.7	29.1	26.4	27.1	26.3	29.5	25.4	86	90	83	88	86	93	2.8
24	56.93	56.97	57.48	56.49	55.82	57.89	26.8	25.4	30	29	28.5	27	31.4	24.5	89	92	75	78	80	85	2
25	56.99	57.01	57.89	56.28	56.53	58.91	26.7	24.8	28.1	27.7	26.8	25.8	30.2	24.3	86	94	83	83	83	84	1.8
26	57.84	57.10	57.38	55.47	56.59	58.19	24	23.9	28.6	30.9	26.1	25	32.2	23.3	98	96	85	72	86	94	2
27	57.15	56.67	57.71	55.84	55.94	57.94	24.4	24.4	25.7	27.9	28	25.5	29.3	23.9	97	92	91	82	78	91	10.7
28	56.90	57.25	57.67	56.36	57.04	58.36	25.4	25	29.8	29.8	25.5	24.9	30.9	24.2	90	93	69	75	88	92	12.2
29	57.72	57.98	57.92	56.18	57.24	58.19	24.1	24	28.8	31.4	25.3	25.8	32.4	23.5	96	97	76	62	89	88	11.9
30	58.01	57.44	57.63	56.22	56.82	58.20	24.7	24.1	29.9	30.9	27.8	24.9	33.3	23.4	92	94	75	69	82	97	11.7
Mean	58.35	58.34	58.79	57.29	57.53	59.03	26.1	25.4	29.8	30.1	28.2	26.8	32.3	24.4	90	91.7	75.5	73.2	80.9	87.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	105.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	NNW	Calm	NNW	E	Calm	SW	45.3	44	35.4	38.3	163	9	A.-Cu. SE	S.-Cu. SE	9	Ci.	S.-Cu. SE
2	SW	SW	NE	Calm	SE	SW	53.9	35.1	41.6	52.3	182.9	4	Ci.	Cu.	9	Ci.	N. SE
3	SW	SW	NW	NW	NE	NE	-----	67.9	110.4	102.2	-------	8	Ci. NE	Cu.	4	Ci. NE	Cu.
4	Calm	SW	E	NW	N	NE	41.5	40.2	103.3	82.7	267.7	7	Ci. NNE	Cu.	4	Ci.	Cu. SE
5	NE	SW	E	SW	NW	Calm	37.6	36	62.5	33.8	169.9	3	Ci.	Cu.	8	Ci.	N. SE
6	E	SW	Calm	N	NE	NE	42	33.6	105.9	91.7	273.2	1	Ci.	Cu.	9	Ci.	S.-Cu. N
7	Calm	Calm	E	NW	N	Calm	32.5	29.8	86.9	34.1	183.3	9	Ci.	S.-Cu. NE	4	Ci.	Cu.-N.
8	SW	SW	N	N	NE	NE	41.6	36.5	78.6	84	240.7	7	Ci. S	Cu.	8	Ci. E	Cu. NE
9	E	SW	E	SE	SE	SW	49.6	40.2	60.1	47.7	197.6	7	Ci.	S.-Cu. NE	8	A.-Cu. SE	Cu. SEbyS
10	SW	SW	NE	SSW	NE	NE	64.7	38	85.6	85.8	274.1	3	Ci.	S.-Cu.	8	Ci.	Cu.-N. SSE
11	E	SW	E	NW	SW	SW	36.8	38.9	93	49.1	217.8	1	Ci.	Cu.	4	Ci.	Cu.-N.
12	SW	SW	E	N	Calm	NE	45.9	41.5	52.9	37.3	177.6	7	A.-Cu. SE	Cu.	10	Ci.	N. E
13	NE	NE	NE	N	NE	E	57.3	87.4	90.4	61.8	296.9	6	A.-Cu. ENE	S.-Cu. NE	9	Ci.	Cu.-N.
14	SW	SW	NNE	N	SW	Calm	43.3	29.3	54.2	35.6	162.4	1	Ci.	Cu.	7	Ci.-Cu. E	Cu. SE
15	SW	SW	NE	NW	NE	NE	65.5	42.1	104.6	119.1	331.3	1	Ci.	Cu.	3	Ci.	Cu. NE
16	E	SW	Calm	N	WNW	NE	45.9	35.2	112.1	84.3	277.5	5	Ci.	Cu.	4	Ci.	Cu. NE
17	SW	SW	E	N	NE	NE	44.9?	36.7	96.3	101.9	279.8?	3	Ci.	Cu.	8	Ci. SW	Cu. E
18	NE	NE	NE	N	NE	NE	84.7	95.5	123.1	125	428.3	4	Ci.	Cu. NE	8	Ci.	Cu. NE
19	ENE	E	E	NW	Calm	SW	87.2	54.7	80.5	42.6	265	9	Ci.	Fr.-Cu. E	10	Ci.-S.	Cu.-N.
20	SW	SW	E	NE	NE	NE	54.2	29.6	108.9	76.6	269.3	10	A.-Cu. SW	Cu.	10	Ci.-S.	Cu.-N. SE
21	SW	SW	E	SW	Calm	SW	-----	42.9	53.4	49.1	-------	9	Ci.	S.-Cu. SE	10	Ci.-S.	S.-Cu. SE
22	W	WSW	NE	NW	NE	NE	37.8	77	140	98.2	353	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu. NE
23	NNE	N	NE	NNE	N	NNW	81.5	116.7	145.8	103.8	447.8	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
24	NE	SW	N	S	NNE	NW	49.4	35.2	58.4	97.9	240.9	4	Ci.	S.-Cu.	9	Ci.-Cu. E	S.-Cu. NE
25	SW	SW	Calm	NW	N	NW	43	38	74	38.4	193.4	8	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu.
26	SW	SW	NW	N	SW	Calm	34.4	46.2	57.7	47.8	186.1	7	Ci. S	S.-Cu.	7	Ci.	Cu.-N. NW
27	SW	SW	SW	S	S	SSW	63	41.3	36.7	33.8	174.8	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SE
28	SSE	Calm	S	S	Calm	Calm	31.2	45.7	48.8	23.8	149.5	9	Ci.	Fr.-N. SE	10	Ci.-S.	S.-Cu. S
29	SW	SW	E	SSE	SSW	S	38.4	56.5	58.2	42.1	195.2	10	Ci.-S.	N. SW	9	A.-Cu.	S.-Cu. SE
30	SW	SW	SE	W	Calm	SW	45.6	46.9	52.6	39.1	184.2	7	Ci. W	Cu.	8	Ci.-S.	S.-Cu. SE
Mean	------	------	------	------	------	------	50	48	80.4	65.3	242.3	6.3	------	------	7.9	------	------

ATIMONAN.

[φ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4 meters; gravity correction not applied, —1.74 mm.]

JULY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a.m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.51	57.31	57.69	56.52	57.22	58.46	24.1	24	28.3	28.8	25.6	24.7	30.2	23.3	96	96	82	78	91	92	1.5
2	57.38	57.33	57.74	56.47	58.16	8.83	24	23.8	28.1	30.9	24.4	24	32.4	23.3	94	94	82	67	92	91	11.7
3	57.63	58.18	57.88	56.85	57.59	58.54	23.1	22.7	29	30.5	27.9	26	31.5	22	94	93	78	68	82	89	------
4	58.01	57.47	57.93	56.51	57.28	59.58	24.5	24.1	29.8	31.9	28.9	25.9	32.7	23.9	96	97	66	62	76	93	8.1
5	58.80	59.37	59.63	58.46	59.08	60.92	24	24.1	29	31.7	28.2	25.9	32.7	23	95	95	78	65	82	92	1
6	60.43	60.51	60.77	59.10	59.41	61.17	24.5	24.4	31	30.4	29.7	26.1	33.3	23.5	94	92	71	74	76	89	------
7	60.10	60.20	60.51	58.78	58.79	61.04	24.7	24.7	31.2	32.3	29.9	26.5	34.2	23.5	93	92	71	62	69	88	------
8	59.93	59.73	59.80	58.18	58.63	59.47	24.9	24.7	30.5	30.9	26.9	25.1	32	23.4	92	91	68	65	77	89	------
9	58.65	58.15	58.38	57.02	57.42	59.02	25.4	25.5	30.6	31.9	29.7	25.8	32.8	24.5	90	91	66	55	67	88	------
10	58.21	58.03	58.23	56.95	56.86	58.75	24.2	23.7	30.3	32.6	29.6	25.9	33.6	23.1	91	93	60	64	72	88	------
11	58.27	57.79	57.93	56.60	56.98	58.61	24.2	23.9	31.7	31	27.3	25	34.2	23.4	94	88	66	65	73	90	------
12	57.83	57.63	57.43	56.37	55.64	57.26	24.5	24	30.6	30.9	28.8	26	33	23.6	92	91	65	66	72	83	7.4
13	56.62	56.53	56.02	54.49	55.09	56.01	24.5	24	30.8	32	27.9	25.6	34.4	23.4	92	91	63	66	77	83	------
14	55.26	54.96	54.30	53.65	54.41	55.12	24	23.6	29.5	31.3	27	25.8	31.9	22.9	91	92	68	58	84	85	------
15	54.85	54.80	55.68	54.36	54.84	56	24.6	24	28.7	27.9	28.1	27.3	30.4	23.6	92	91	70	68	67	73	------
16	55.40	55.99	56.46	54.81	55.80	57.15	27	25.8	29.8	31.5	25.1	25	32.3	24.5	76	74	62	54	89	90	7.9
17	56.70	56.72	57.98	56.31	56.57	58.39	24.5	24	29.6	31.5	29	25.9	32.4	23.4	92	94	75	60	69	85	------
18	58.01	58.29	59.11	57.76	57.06	58.54	24	23.3	30.7	32.1	29.4	25.9	33.5	22.9	96	94	67	60	74	88	------
19	57.35	57.58	58.11	56.97	56.65	57.85	24.1	23.9	30.9	31.7	29.4	28.3	33.5	22.9	92	92	72	63	74	76	1.8
20	57.09	57.88	58.32	57.20	57.34	59.26	27.5	24.9	26.8	27.5	27	27	28.4	24.3	78	84	82	81	84	84	.5
21	58.95	59.38	60.03	58.97	58.99	60.44	26.8	24.6	29.6	30.3	29	28.2	31.4	23.9	86	95	75	76	81	83	------
22	59.75	59.28	59.35	58.40	58.84	59.10	27.9	27.3	31	26.8	26.9	27.3	32.2	25.8	78	89	75	90	88	86	32.8
23	57.91	57.52	57.99	56.43	56.08	57.04	26.6	25.7	30	30.3	28.8	28	32.2	24.9	90	89	77	76	79	85	6.6
24	56.96	55.84	57.03	55.92	55.43	56.98	27	26.1	28	30.4	30.2	28.5	31.2	25.3	85	90	83	72	73	78	3
25	55.91	55.72	56.89	55.91	55.80	57.70	27.9	25.1	30.9	31.1	30.5	26.2	32.2	24.5	78	94	74	67	72	88	------
26	56.80	57.18	57.86	56.52	56.41	58.16	24.5	23.9	30.1	32.6	31	25.4	33.7	23	94	92	73	63	65	88	------
27	57.62	57.81	58.19	56.09	55.53	57.16	24	23.8	30.5	33	29.8	26.2	34.5	22.8	96	93	62	55	69	85	------
28	57.07	57.02	56.99	55.78	55.94	56.80	25	24.2	30	28.1	28	25.8	33.1	23.6	92	92	65	81	85	89	5.6
29	56.57	56.44	56.36	55.27	55.22	56.56	24.4	24	29.7	30.5	29.9	26.9	32.7	23.4	95	92	71	68	73	81	------
30	56.41	56.34	57.17	56.25	56.28	58.12	24.6	24	31	32	30.4	26.7	33.6	23.1	92	91	67	60	66	86	2.5
31	57.62	57.68	58.73	56.67	57.50	59.10	25	24.4	30.9	31	27	24.9	33.9	23.5	90	94	66	69	79	91	.8
Mean	57.60	57.57	57.95	56.63	56.87	58.29	25	24.4	30	30.8	28.4	26.2	32.6	23.6	90.5	91.5	71	67	76.7	86.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	91.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	Calm	N	Calm	Calm	59.3	34.6	44.9	34.9	173.7	10	Ci.-S.	S.	10	Ci.-S.	Cu.-N. E
2	SW	SW	E	E	WSW	SW	54.7	36.7	63.3	52	206.7	10	A.-Cu.	S.	9	Ci.	S.-Cu. SE
3	SW	SW	Calm	E	Calm	SW	70.3	36.2	32.4	44.8	183.7	9	A.-Cu. NE	S.-Cu.	8	A.-Cu. S	Cu. SW
4	SW	SW	SW	SE	S	SW	51	71	54.1	49.3	225.4	9	Ci. NE	S.-Cu. S	9	Ci.	S.-Cu. S
5	SW	SW	E	SSW	Calm	SW	46.2	44	38.9	44.9	174	10	Ci.-S.	S. SW	9	Ci.	S.-Cu. S
6	SW	SW	NE	N	E	SW	63.8	36	50.7	48.6	199.1	5	Ci. E	S.-Cu. S	9	Ci.	Cu.-N.
7	SW	SW	ENE	Calm	SSW	SW	59.5	37.5	34	48	179	2	Ci.	Cu.	8	Ci.	Cu. SE
8	SW	SW	S	SW	WSW	SW	67.1	70.6	79.2	59.3	276.2	5	Ci. E	Cu.	7	Ci.	Cu. SW
9	SW	Calm	SSW	S	Calm	SW	45.6	69	73	48.1	235.7	2	Ci. E	S.	2	Ci.	Cu.
10	SW	Calm	SW	Calm	SW	SW	50.2	69.5	51.3	53.3	224.3	6	Ci. ENE	Cu.	5	Ci.	Cu.-N. W
11	SW	SW	ENE	SSW	WSW	SW	54.9	43.3	77.7	64.2	240.1	7	Ci. E	------	9	Ci.	S.-Cu. W
12	SW	SW	Calm	NW	Calm	SW	60.7	64.2	61.8	36.5	223.2	10	Ci.-S.	S.	10	A.-Cu.	N. NW
13	SW	SW	SW	NNE	Calm	SW	56.5	40	44.6	53.6	194.7	10	Ci.-S.	S.	10	Ci.-S.	N. NW
14	SW	W	SW	SW	S	SW	61	97.2	70	30.9	259.1	9	Ci. E	S. NW	10	Ci.-S.	S.-Cu. W
15	SW	SW	SW	SW	WSW	W	47.5	91.7	100	40.2	279.4	10	Ci.-S.	S. W	10	Ci.-S.	S. W
16	WSW	SW	SW	SW	SW	SW	45.3	83.4	71.1	44	243.8	10	Ci.-S.	S. W	10	Ci.-S. W	Cu.
17	SW	SW	SW	SSW	SW	SW	52	64.6	75.3	36.8	228.7	10	Ci.-S.	S.	9	Ci.-S.	Cu. SW
18	SW	SW	Calm	S	SSW	SW	78.4	------	------	55.8	------	8	Ci.	S.-Cu. SW	8	Ci.	Cu. SW
19	SW	SW	Calm	N	NNE	NNE	75.9	32.8	119.9	113.2	341.8	4	Ci. NEbyE	Cu. NE	5	Ci. E	Cu. NE
20	NE	NE	NNE	N	N	N	------	------	126.1	106.8	------	10	Ci.-S.	N. NE	10	Ci.-S.	S.-Cu. NE
21	N	SW	NW	NW	N	NNE	42.3	69	150.3	111	372.6	5	Ci. ENE	S.-Cu. SE	6	A.-Cu. NE	Cu. NE
22	NNE	NE	NE	N	N	N	71.1	86.3	76.6	102.7	336.7	8	Ci.	S.-Cu. NE	10	Ci.	S.-Cu. NE
23	Calm	NE	Calm	N	N	N	37.3	29.6	150.2	71.4	288.5	5	Ci.	S.-Cu. NE	8	Ci.	Cu. NE
24	NE	Calm	N	N	N	NE	69.5	------	108.9	80	------	9	Ci.	S.-Cu. NE	5	Ci.	Cu. NE
25	Calm	SW	Calm	NNW	ENE	Calm	39.2	38.4	109.7	45.3	232.6	2	Ci.	Cu.	1	Ci.	Cu.
26	SW	SW	Calm	N	WNW	SW	58.2	30.6	44.3	67.9	201	2	Ci.	Cu.	1	Ci.	Cu.
27	SW	SW	SW	SW	SW	SW	90.9	54.9	72.4	67.8	286	1	Ci.	Cu.	2	Ci.	Cu.
28	SW	SW	SW	Calm	SW	SW	65.8	65.2	40	60.4	231.4	4	Ci.	Cu.	10	Ci.-S.	Cu.-N. NW
29	SW	SW	SW	NW	SW	SW	61.7	67.6	53.3	29.8	212.4	9	Ci.-S. E	Cu.	9	Ci.	Cu.-N. NW
30	SW	SW	SW	SW	SW	SW	57.9	54.4	67.1	46.5	225.9	9	Ci.-S.	S.-Cu. SW	9	Ci.	Cu.-N. NW
31	SW	SW	N	N	Calm	W	66.8	45.1	39.4	41.8	193.1	10	A.-Cu. NW	S.	8	Ci. NW	Cu.-N.
Mean	------	------	------	------	------	------	58.7	55.8	72.7	57.7	238.2	7.1	------	------	7.6	------	------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4 meters; gravity correction not applied, —1.74 mm.]

AUGUST, 1910.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.07	57.67	57.86	55.80	56.79	58.66	24.1	23.7	30.5	32.2	25.6	24.2	33.4	22.4	95	92	71	60	84	86	------
2	56.98	56.99	56.96	55.27	56.04	57.15	23.3	23	29.6	31	25.5	24.7	32.4	22.2	93	96	68	62	88	92	1.8
3	56.86	56.56	56.92	55.52	56.27	57.87	23.9	23	30	32.4	27	25.2	33.3	21.8	92	93	74	64	83	88	4.8
4	57.41	57.24	57.42	56	56.41	58.29	24	24	30.1	32.9	29.8	27.4	33.9	22.4	96	95	73	57	67	84	6.1
5	57.51	57.55	58.44	56.40	56.83	58.07	25.4	24.8	27	30.8	29.1	26.2	32.4	23.4	93	92	80	73	71	91	.3
6	57.71	57.71	58.06	55.88	56.60	58.30	25	24.4	30.3	32.9	26	24.9	33.9	23	92	92	74	61	84	92	3
7	57.75	56.63	57.31	55.65	56.37	58	24.4	24	30.3	33	29.5	26.3	33.7	22.7	93	94	70	59	75	90	------
8	56.90	56.85	56.69	55.77	55.81	57.49	25	24.9	29.9	32	29.5	25.9	33.4	24.4	92	87	67	59	74	88	------
9	56.50	56.39	56.55	55.58	56.09	57.60	24.4	26.2	30.5	32.9	29.7	27.3	33.6	22.5	91	82	59	53	68	74	------
10	56.91	56.54	56.55	55.39	55.78	57.59	26.9	26.3	30.7	32.3	31	27.5	34.1	24.9	74	77	60	54	59	70	------
11	57.41	56.93	56.88	55.71	56.08	57.99	24.9	23.8	30.8	32	30.4	26.6	33.5	22.3	83	89	65	59	68	83	------
12	57.76	57.73	57.86	55.93	56.50	57.42	24.9	24	31.8	33.5	31	28.3	34.9	22.6	87	91	59	51	59	74	------
13	56.79	56.18	56.77	54.89	55.15	56.52	26	24.2	31	32.9	30.9	27.8	34.4	22.9	85	90	58	54	59	69	------
14	55.76	55.75	56.31	55.05	55.92	57.04	27	25.8	31.4	33	29.7	26.2	34.5	24.4	73	84	60	57	70	87	------
15	57.07	56.96	57.71	55.73	56.54	57.75	24.5	23.8	30.7	31.2	28.1	25.6	33.3	22.7	90	91	60	63	77	87	------
16	57.36	57.31	57.93	55.64	55.60	57	24.4	23.3	31.3	33.9	30.2	27.2	34.5	22.1	90	94	55	48	62	79	------
17	56.45	56.48	57.73	55.94	56.25	57.85	25.5	24.4	31.6	31.9	31.5	27	34.9	23.2	89	91	65	66	62	89	2.8
18	57.57	57.58	57.97	56.46	56.26	58.64	25.2	24.4	29.9	34.4	29.4	25.5	35.9	23.5	90	93	78	55	73	84	------
19	57.81	57.71	58.13	56.95	56.97	58.32	24.3	24	31.5	33.2	30.8	26.3	35.9	22.8	90	92	72	63	69	86	------
20	57.66	57.42	58.11	56.50	57.28	58.06	24.7	24.1	31.8	32.2	31	27	34.9	22.8	92	92	67	66	63	84	------
21	58.11	57.73	58.14	57.25	57.76	59.22	25.2	24.1	30.1	26.3	26.2	24.9	33.1	22.9	92	96	77	89	94	96	7.9
22	58.85	58.68	59.19	57.51	57.48	59.19	24.4	24.2	30.8	30.1	30.1	25.9	33.2	23	97	97	60	67	70	88	6.1
23	57.82	57.83	58.52	56.57	56.38	57.45	24.6	23.9	29.2	30.1	28	25.7	31.7	22.7	94	93	76	73	79	88	8.6
24	56.41	56.77	56.77	55.37	55.79	56.99	24.6	24.3	29	31.3	28.4	26	31.8	22.9	92	92	71	61	75	88	------
25	56.77	55.93	56.38	55.22	56.07	57.24	24.7	23.9	29.8	31.3	28.8	26.2	32.3	22.5	91	93	78	70	78	90	------
26	56.35	56.03	56.99	55.18	56.21	57.14	24.6	24	26.8	32.1	29.1	26	33.5	22.8	95	96	84	68	77	88	7.1
27	56.79	56.91	57.22	55.70	56.06	57.10	24.5	24	31.4	32.4	29.8	26.2	34	22.8	95	91	60	63	79	86	------
28	57.63	57.87	57.67	55.56	55.97	58.04	24.1	22.8	31.6	32	30.9	26.9	33.8	21.5	90	89	53	56	63	77	------
29	57.09	56.75	57.42	55.48	55.69	57.58	25.4	25.9	31	32.9	29.8	27.8	33.7	24.2	88	85	62	55	65	75	------
30	56	56.06	57.26	55.56	55.59	57	27	27	30	29.5	29	27.2	33.4	26	80	74	60	68	64	75	------
31	55.91	55.32	56.17	54.17	54.74	56.08	26.4	26.6	31.9	31.9	29.3	27.2	33	25.2	81	80	61	57	70	79	------
Mean	57.16	56.97	57.42	55.79	56.23	57.70	24.9	24.4	30.4	32	29.2	26.4	33.7	23.1	89.5	90.1	67	61.6	71.9	84.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	48.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	ENE	SSW	WSW	SW	53.3	44.8	68.1	60.4	226.6	9	A.-Cu.	S.-Cu.	9	Ci.	Cu.-N. NW
2	SW	SW	SW	SSW	SW	SW	49.7	60.2	71.3	55.8	237	7	A.-Cu. W	Cu.	9	A.-Cu.	S.-Cu. SW
3	SW	SW	E	E	NW	SW	71.3	54.2	61	64.7	251.2	4	A.-Cu. NEbyE	S.	8	Ci.	Cu.-N. NW
4	SW	SW	NE	SSE	SW	SW	54.4	------	59	29	------	3	Ci.	Cu.	4	Ci.	Cu. SW
5	SW	SW	SW	NE	SSW	SW	51.8	40.5	51.3	------	------	8	Ci.-Cu.	S.-Cu. SE	9	Ci.	Cu.-N. SE
6	SW	SW	Calm	ESE	SW	SW	------	37.3	51.2	70.2	------	4	Ci.	Cu.	5	Ci. ENE	Cu.-N.
7	SW	SW	SW	SW	W	SW	68.6	74.6	75.3	46.4	264.9	5	Ci. E	S.-Cu.	4	Ci.	Cu. SW
8	SW	Calm	SW	SSW	Calm	SW	49.4	87.9	86.9	44.8	269	9	Ci.	S.	7	Ci. E	Cu. SW
9	SW	WSW	WSW	SW	S	S	72.4	73.7	85	33.8	264.9	6	Ci. E	Cu.	8	Ci.-S.	Cu. SW
10	SW	SW	SWbyW	SW	SW	SW	66.6	84.8	78.3	52.6	282.3	9	Ci.-S. ENE	S.	8	Ci.	Cu. SW
11	SW	SW	SW	S	S	Calm	51.7	59.8	77.4	39.9	228.8	9	Ci.-S. E	Cu.	7	Ci.-S. E	Cu.
12	SW	SW	wbys	WSW	SW	W	55.3	89.3	114.9	51.7	311.2	4	Ci.	S.	7	Ci.	Cu. SW
13	SW	SW	SW	SW	SW	SW	50.1	100.6	72.4	51.5	274.6	0	Ci.	S.	7	A.-Cu. E	Cu. W
14	SW	Calm	SW	S	Calm	SW	45.3	85.9	80.8	39.4	251.4	1	Ci.	------	5	Ci.	Cu. W
15	SW	SW	SW	WSW	SW	SW	57.7	73.7	84.7	47.5	263.6	4	Ci. SE	------	8	Ci.-Cu.	Cu. WSW
16	SW	SW	WSW	SSW	SW	SW	64.2	77.4	76.7	57.3	275.6	1	Ci.	Cu.	4	Ci. E	Cu. SW
17	SW	SW	NE	NE	NW	SW	61.7	41.2	47.8	41.5	192.2	4	Ci. E	Cu.	8	Ci.	Cu.-N. SE
18	SW	SW	Calm	N	Calm	SW	62.2	37.6	35.7	71	206.5	2	Ci.	Cu.	4	Ci.	Cu. ESE
19	SW	SW	NE	N	NE	SW	79.5	42.1	62	56.8	240.4	3	Ci.	Cu.	4	Ci. E	Cu.
20	SW	SW	NE	NNW	NE	Calm	70.8	45.4	98.2	57.4	271.8	4	Ci.	Cu.	7	Ci. E	Cu.
21	SW	SW	Calm	Calm	Calm	SW	53.9	44.6	29.8	39.6	167.9	10	A.-Cu. E	S.-Cu.	10	Ci.-S.	N. SE
22	SW	SW	SSW	SW	Calm	SW	54.1	52.8	42.8	51.5	201.2	7	Ci. SE	Cu. SE	8	Ci.-S. SSE	Cu.
23	SW	SW	NNW	NNW	SW	SW	75.3	41.3	65.2	82.9	264.7	9	Ci. E	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
24	S	SW	SSE	SE	SW	WNW	39.9	64.6	61	56	221.5	10	Ci.-S.	S.-Cu. S	9	A.-Cu. SE	Cu. SW
25	SW	SW	N	N	E	SW	49.9	46 2?	69.?	40.8	205.9	7	Ci. E	S.-Cu. NE	9	Ci.	S.-Cu. S
26	SW	SW	Calm	N	SW	SW	65.7	39.1	38.9	63.1	206.8	4	Ci.	S.-Cu. S	6	Ci.	Cu.-N.
27	SW	SW	SW	NE	SW	SW	67.6	64.7	48.8	59.8	240.9	7	Ci.-S. NE	Cu.	9	Ci.	Cu. W
28	SW	SW	SW	SSW	SW	SW	80.7	88.2	58.4	50.2	277.5	9	Ci.	Cu.	9	Ci. NE	Cu. SW
29	SW	SW	SW	SW	W	W	------	------	123.4	62.8	------	9	Ci. NE	S.	9	Ci.-S. NE	Cu. W
30	SW	WSW	WSW	SW	SW	SW	59.8	81.8	102.7	92.2	336.5	10	Ci.-S.	S. W	9	A.-Cu. NW	N. W
31	SW	SW	WSW	SW	SW	SSE	67.6	79.5	98	85.9	331	8	Ci. NE	S. W	9	A.-Cu. NW	S.-Cu. W
Mean	------	------	------	------	------	------	60.4	62.5	70.2	55.2	250.6	6	------	------	7.4	------	------

ATIMONAN.

[φ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4 meters; gravity correction not applied, —1.74 mm.]

SEPTEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.19	55.47	55.61	54.28	55.13	56.64	27	26	31	32.7	30	27.8	34.2	24.2	77	82	63	52	65	70	------
2	55.86	55.77	56.01	54.65	55.14	55.88	27	24.2	32	32.8	29.8	28	35.2	23.1	70	86	52	53	63	69	------
3	55.44	55.29	55.86	54.51	54.69	55.89	27.3	27.7	31.6	31.4	29.9	28.1	33.9	25.5	79	73	55	57	62	73	------
4	54.95	54.74	55.18	54.16	54.61	55.96	27.5	25.7	30	30.7	27.1	27	31.7	24.5	73	81	65	63	79	78	------
5	55.06	54.72	55.69	54.45	54.98	55.50	26.9	26.8	28	28.7	26.6	26.2	29.8	24.9	73	72	77	71	80	77	------
6	54.99	54.84	55.55	53.79	54.42	55.65	26.6	25.4	30.7	31.9	29.7	25.2	32.9	23.8	80	85	65	57	70	86	12.7
7	54.97	54.40	55.86	54.92	55.41	56.98	25.9	26	29.7	31.9	29.1	27	32.3	24.3	77	85	70	58	70	84	------
8	56.81	56.68	57.43	56.26	57.25	58.89	24.5	23.9	30.1	31	27.3	25.8	33.7	22.6	93	93	68	69	82	89	------
9	58.53	58.47	59.40	56.93	57.02	59.85	24.4	24.2	27.8	30.3	28.8	25.5	32.7	23.1	95	97	78	70	76	88	18.2
10	58.71	58.33	59.49	57.09	57.92	59.10	24.4	24.4	27.9	28	27.4	25.3	29	23.1	93	92	81	79	81	91	1.8
11	58.47	58.52	59.64	57.41	57.82	59.90	24.3	24.2	27	31.8	28	25.3	32.8	23.2	96	97	84	58	73	88	3.8
12	59.87	59.67	59.76	57.68	58.15	59.98	24	23.5	28.2	30	28.8	28.2	31.3	22.4	96	96	81	75	76	77	------
13	59.09	58.87	59.57	57.89	58.14	59.30	25.6	24.6	30	26	26.2	26	30.9	23.3	92	95	74	88	90	84	31.6
14	58.45	58.11	59.51	57.28	57.51	58.99	25.2	24.5	25	27.1	26.9	25.6	27.8	23.3	92	94	87	82	85	91	7.4
15	58	58.27	59	57.02	57.14	58.56	24.1	24.1	29	29.2	27.5	26	31.7	22.6	96	95	78	78	83	92	------
16	57.79	57.27	58.17	56.45	57.27	59.31	26	24.4	29.5	27.4	25.4	24.5	32.4	23.1	88	92	74	81	90	92	16.1
17	58.77	58.34	59.89	58.18	58.86	60.93	24.1	23.4	28.4	28.5	27.6	25.3	30.9	22.3	91	95	81	78	80	81	1.8
18	60.30	60.21	60.94	58.73	59.50	61.07	24.4	24	29.5	29.9	26.1	25.3	31	22.7	92	92	78	75	89	89	14.1
19	60.35	60.21	60.17	57.84	58.01	59.66	24.3	23.8	27.8	29.8	27	24.8	31.5	22.5	93	93	79	67	78	88	20.6
20	57.90	57.83	58.69	56.67	57.63	58.40	24.3	24	29.4	28	27.9	24.5	32	22.8	92	95	79	83	78	92	23.1
21	57.48	57.19	57.70	56.26	57.01	58.85	25.9	26.7	28	26.1	24.8	24.5	29.4	23.4	85	86	81	87	89	92	7.7
22	58.41	58.72	59.51	57.48	58.62	60.07	24.3	24	29	29.7	26.1	25.4	32.5	22.7	91	91	74	77	86	88	3.6
23	59.41	58.40	59.29	57.61	58.23	58.85	24.5	23.9	28.4	28.3	28.1	25.2	29.5	22.6	92	95	82	81	80	90	------
24	56.71	56.17	55.52	53.40	54.87	56.46	24.1	24.3	30.6	31.1	29	27	31.5	22.8	87	85	64	62	68	77	------
25	55.92	56.17	57.13	55.20	55.97	57.89	25.5	24.2	29.5	29.8	28.5	25.5	30.5	23	84	90	68	72	77	89	24.4
26	57.51	56.97	57.67	55.19	55.83	56.99	24	24.8	28.5	29.4	28.7	26	29.7	22.3	97	89	77	72	79	88	4.3
27	55.85	55.36	56.22	53.67	54.36	55.76	25	24.5	29.6	29.5	27.8	26.7	32.2	23.3	87	91	72	75	82	79	------
28	54.35	54.17	54.51	52.57	53.34	54.53	26.5	26.3	30.1	30	27.3	26.2	31.2	24.9	81	80	64	68	74	81	2.3
29	53.26	53.18	54.10	52.52	53.42	54.86	26.2	26.4	28.9	30.4	26.6	26	31.7	24.6	85	85	76	68	83	84	8.6
30	54.65	54.65	56.22	55.18	56.86	58.51	26.3	26.5	30	31.1	26.1	24.9	32.2	23.6	86	83	69	63	89	91	16.8
Mean	57.10	56.90	57.64	55.84	56.50	57.97	25.3	24.9	29.2	29.8	27.7	26	31.6	23.4	87.1	88.8	73.2	70.6	78.6	84.6	-----
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	218.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	S	SSW	SW	SW	46.2	98.4?	91.4	84.3	320.3	10	Ci.-S.	S.	9	Ci.-Cu.	S.-Cu. WSW
2	SW	SW	SW	SW	SW	SW	58.1	75.6	96.6	99	329.3	8	Ci.	S.	9	A.-Cu. NW	S.-Cu. SW
3	Calm	SW	SSW	SW	SW	SW	46.4	98.5	100.3	56.3	301.5	8	A.-Cu. NW	S.-Cu. W	10	A.-Cu. NW	S.-Cu. W
4	SW	Calm	SW	SW	WSW	SW	48.8	62.8	86.6	70.8	269	9	Ci.-Cu. NE	S.-Cu.	10	Ci.-S.	S.-Cu. SW
5	SW	SW	SSW	SW	SW	SW	78.1	98.7	------	------	-------	10	Ci.-S.	S. SW	10	Ci.-S.	S.-Cu. W
6	Calm	Calm	SW	SW	SW	SW	-----	70.5	91.1	57.6	-------	10	Ci.-S.	S.	9	A.-Cu. NW	S.-Cu. SW
7	SW	S	SW	SW	S	SW	67	49.3	77.2	37.2	230.7	10	Ci.-S.	S.-Cu. SW	10	A.-Cu. WSW	S.-Cu. SW
8	SW	SW	SW	NW	Calm	SW	63.1	37.6	55.7	40.5	196.9	9	Ci. NNE	S.	9	Ci.	S.-Cu. S
9	SW	SW	N	N	N	SW	67.1	34.1	88.2	------	-------	10	Ci.-S.	N. SE	8	Ci.-S. E	Cu. SE
10	SW	Calm	NE	N	N	SW	-----	55	88.7	52.8	-------	10	Ci.-S.	N. NE	9	Ci.-S.	S.-Cu. NE
11	SE	Calm	SW	S	Calm	SW	41.2	38.8	-----	61.8	-------	9	Ci.	S.-Cu. NE	9	A.-Cu. E	Cu. SE
12	SW	SW	NNW	N	N	E	57.9	63.4	104.4	59.2	284.9	10	Ci.-S.	S.-Cu. SE	9	Ci.-S.	S.-Cu. NE
13	SW	SW	N	NW	NE	NE	42.8	53.1	57.6	75.1	228.6	9	Ci.	S.-Cu. NE	10	Ci.-S.	N. NE
14	Calm	SW	Calm	NW	Calm	SW	35.1	76.9	72.4	27.1	211.5	9	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
15	SW	SW	Calm	N	NE	Calm	56.9	34.9	83.9	59.2	234.9	10	Ci.-S.	S.-Cu. E	8	Ci. NE	Cu. NE
16	Calm	SW	E	NW	Calm	SW	44.1	34	44.3	48	170.4	9	A.-Cu. E	S.-Cu.	10	Ci.-S.	Fr.-N. NE
17	SW	SW	E	Calm	SW	SW	48.3	39.6	26.4	46.7	161	9	A.-Cu. E	S.-Cu. SE	10	Ci.	N. SE
18	SW	SW	N	N	SW	Calm	53.4	45.6	65.4	36.7	201.1	8	Ci. NE	S.-Cu. SW	8	Ci. E	Cu.-N.
19	SW	SW	Calm	N	SW	SW	40.8	28.2	60.1	51.8	180.9	10	Ci.-S.	S.	6	Ci. E	Cu.-N.
20	Calm	SW	E	N	NNW	Calm	28	29.2	51.8	39.6	148.6	8	Ci.-Cu. E	S.-Cu. SE	9	Ci.-S.	N. NE
21	NE	N	N	ENE	S	Calm	74.5	129	71	28	302.5	9	Ci. N	S.-Cu. NE	10	Ci.-S.	N. NE
22	SE	Calm	E	E	SW	NW	-----	33.5	36.7	54.9	-------	10	Ci.-S.	Fr.-N. S	8	Ci.	S.-Cu. SE
23	SW	Calm	NW	NNW	Calm	SW	37.2	68.1	70.6	43.7	219.6	9	Ci.	S.-Cu. NE	9	Ci.-Cu. NE	S.-Cu. NE
24	S	SW	SSW	SW	SW	SW	40.4	68.1	103.2	65.7	277.4	10	Ci.-S.	S -Cu. NE	10	Ci.-S.	S.-Cu. W
25	SW	SW	N	NW	Calm	SW	60.9	40.5	59.3	46.9	207 6	10	Ci.-S.	------------	9	Ci.-S.	S.-Cu. NW
26	SW	NW	NW	N	N	S	83.7	70.8	112.4	50.7	317.6	10	Ci.-S.	S. W	8	Ci.	Cu. N
27	SE	SW	SW	SW	WSW	SW	41.5	72.4	85.1	73.4	272.4	9	Ci.-S. N	S.	8	Ci.	S.-Cu. W
28	SW	SW	SSW	SSW	SW	SW	98.5	------	87.7	102.2	-------	9	A.-Cu. SW	S.-Cu. W	10	A.-Cu. SW	S.-Cu. SW
29	SW	S	SSW	SSW	Calm	S	45.4	57.9	82.7	43.5	229.5	10	Ci.-S.	S.-Cu.SSW	9	A.-Cu. S	S.-Cu. S
30	S	SSW	SSW	SW	SW	SW	85.3	82.1	77.2	51.7	296.3	10	Ci.	S.-Cu. S	6	A.-Cu. SW	Cu. SW
Mean	------	------	------	------	------	------	55.2	60.2	76	55.9	243.2	9.4	------------	------------	9	------------	------------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4 meters; gravity correction not applied, —1.74 mm.]

OCTOBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.86	58.23	58.46	57.17	57.46	59	24.6	24	30	31	29.5	25.5	32.4	22.7	92	93	71	62	70	88	------
2	58.57	57.61	58.96	57.54	56.42	57.91	24	23.1	30.6	26.5	26.7	25.4	32.4	22	93	95	68	83	82	82	35.5
3	57.48	58.11	58	55.92	56.80	58.02	24.9	24.7	25.5	29.3	25.8	25.4	30	22.1	85	86	84	72	84	87	13.9
4	57.42	57.38	58.71	57.05	58.22	59.86	25.3	24.4	29.4	31.4	27.1	25	32.4	22.8	86	91	68	63	83	86	------
5	59.39	59.38	59.73	57.77	58.12	59.72	23.5	22.7	31	32.4	28.7	26.8	33.4	21.5	96	93	71	67	73	86	------
6	59.36	58.77	59.04	57.07	57.23	59.42	25.6	24.2	29.9	32.2	29.9	26.1	33.9	23	91	94	73	61	71	89	.3
7	58.45	57.77	59.26	56.88	57.54	59.09	25	25.1	26.1	30.6	27	25.4	31.7	23.6	92	91	90	70	83	88	12.2
8	57.51	57.57	58.79	57.15	57.58	58.16	24.6	23.7	28.4	29.1	27.7	27.2	29.2	22.4	93	92	78	70	77	77	------
9	57.94	58.21	58.87	57.65	58.49	59.82	25.9	25.1	28	28	25.3	24.7	30.2	23.2	88	91	77	86	89	92	5.2
10	58.95	58.86	59.87	58.35	59.26	60.29	24.1	25	28	27.9	25.5	25.5	28.5	22.9	97	96	77	78	88	91	91.1
11	59.40	59.34	60.82	59.45	59.90	60.99	24.9	25.8	26.7	26.4	26.9	25.9	26.9	23.3	92	87	83	85	80	85	9.4
12	59.59	59.49	61.09	59.39	59.75	60.28	25.4	26.6	28.9	29.7	27.9	27	29.9	23.9	84	79	69	65	70	73	1
13	59.16	59.22	60.43	58.38	59.32	60.20	24.6	26.5	27.3	27.8	26.5	26	28.9	23	93	84	81	77	86	90	12
14	59.87	59.69	61.08	59.61	60.21	61.01	26.1	25.9	25.5	25	24.9	25.2	26.7	23.2	86	88	89	92	84	90	45.5
15	59.81	60.39	61.63	59.13	59.85	61.13	25.4	24.3	26	26.4	26.9	25.5	27.4	23.2	86	92	88	84	83	89	7.1
16	60.01	59.99	60.85	58.77	59.59	60.65	23.6	23	27	25.9	26.1	26	27.4	21.8	94	95	83	88	88	89	36.1
17	60.18	60.23	61.30	59.84	59.90	60.90	25.2	25.1	27	27	25.9	26	28.5	23.3	95	93	84	83	85	85	.5
18	60.37	60.74	62.12	60.18	60.32	61.04	25.8	26.4	29.4	30	27.9	27.1	30.5	24.3	82	77	68	66	74	78	2.3
19	60.28	60.64	61.49	59.59	59.56	60.70	27	26	29.4	29.3	27.9	27.2	30.2	24.5	78	85	72	71	74	78	8.6
20	59.75	60.20	61.28	59.27	59	60.63	27	25.5	28	28.5	27.8	27	30	23.6	78	90	77	77	79	84	7.7
21	59.39	59.70	60.37	58.51	58.88	60.02	26.9	26.1	29	30.8	28.1	27.9	31.4	24.8	84	90	78	73	81	82	2.8
22	59.06	59.83	60.72	59.05	59	59.89	27	26.3	28	28.3	27.1	27	30.3	25.1	82	91	81	79	87	88	------
23	59.22	59.73	60.33	58.49	58.78	59.92	26.4	26	30.2	30	28.5	27.8	30.8	25	85	88	68	71	78	80	------
24	59.01	59.03	60.28	58.09	58.83	60.24	27.4	27	28.7	29.7	28.2	27.8	30	25.9	83	84	80	76	79	79	.5
25	59.36	59.87	60.99	59.28	59.39	60.92	27.1	26.6	31	30.1	28.1	27.9	31.4	25.5	83	86	70	71	77	77	3
26	59.94	60.54	61.04	58.24	59.28	60.15	26.5	25	30.3	30.4	27	25.9	31.5	23.3	80	88	69	70	86	89	13.5
27	58.91	59.07	60.40	58.79	59.11	60.04	25.9	24.8	27	28	26.9	27	28.6	23.2	88	92	83	77	81	85	32.7
28	58.76	58.88	60.11	58.33	58.34	59.94	26.9	27	29	28.9	28	25.8	29.9	24.4	81	80	76	78	77	89	13.2
29	58.92	58.87	60.49	58.31	58.56	60.05	26.1	26	26	27.6	26.7	26.5	28.2	24.1	89	90	89	84	86	88	33.8
30	58.96	58.92	59.33	57.30	57.16	57.85	26	26	27.3	26.2	26.9	27	27.7	23.8	92	85	82	82	85	88	20.3
31	56.66	56.11	56.94	54.95	55.43	56.06	27	27	27.4	28.2	27.4	27.4	28.2	24.5	87	84	86	80	82	82	29.7
Mean	59.02	59.11	60.09	58.24	58.62	59.80	25.7	25.3	28.3	28.8	27.3	26.4	30	23.5	87.6	88.7	77.8	75.5	80.7	85	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	437.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	SSE	SW	Calm	SW	55.3	64.1	62.3	54.4	236.1	4	Ci.	S. W	9	Ci.-Cu. W	S.-Cu. W
2	SW	SW	Calm	SW	W	SW	67.9	35.7	53.7	45.6	202.9	8	Ci.-S. NE	------	10	Ci.-S.	S.-Cu. NW
3	S	ENE	Calm	SW	SW	SW	50.7	41.8	57.9	46.1	196.5	10	Ci.-S.	N. NE	10	Ci.-S.	S.-Cu. SW
4	Calm	Calm	SW	SW	Calm	Calm	31.4	53.1	64.7	30.1	179.3	10	Ci.-S.	S. SW	9	A.-Cu. W	S.-Cu. SW
5	SW	SW	E	NE	S	SW	78.4	40	37.3	43.7	199.4	3	Ci.	------	7	Ci.	Cu. SW
6	SW	SW	Calm	N	N	SW	57.4	41.2	49.7	37.8	186.1	4	Ci.	------	4	Ci.	Cu.-N.
7	SW	SW	Calm	Calm	SW	SW	50.4	31.9	31.4	52	165.7	10	Ci.	S.-Cu. N	10	Ci.-S. E	Cu. N
8	SW	SW	WSW	SW	SW	SW	45.6	89	66.6	58.7	259.9	10	A.-Cu.	S. SW	10	Ci.-S.	S.-Cu. SW
9	Calm	SW	SW	WSW	Calm	SW	45.1	89.6	79.5	48	262.2	10	Ci.-S.	S. W	10	Ci.-S.	S.-Cu. W
10	SW	Calm	N	NE	NE	N	------	73.2	98.7	85.6	------	10	Ci.-S.	Fr.-N. N	10	Ci.-S.	S.-Cu. N
11	NE	NE	NE	NE	NE	N	106.5	110.4	131.4	105.7	454	10	Ci.-S.	N. NE	10	------	S.-Cu. NE
12	Calm	NE	NE	NE	NE	NE	71.3	149.5	170.3	80.5	471.6	10	Ci.-S.	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. NE
13	Calm	NE	N	NNW	N	N	59.8	109.4	134.7	137	440.9	8	Ci.-Cu. NE	S.-Cu. NE	8	Ci. NE	Cu. NW
14	NE	NE	NE	NNW	N	NE	140	117.5	151.6	56.1	465.2	9	A.-Cu. NE	S.-Cu. NE	10	Ci.-S.	S.-Cu. N
15	NE	NW	NW	NW	N	Calm	64.7	72.9	107.6	51.2	296.4	10	Ci.-S.	S.-Cu. NE	9	Ci.-Cu. NNE	S.-Cu. NE
16	SW	SW	NW	Calm	NW	Calm	49.4	51.7	52.6	63.4	217.1	9	A.-Cu. NE	S.-Cu.	9	A.-Cu.	S.-Cu. NE
17	NE	NE	Calm	N	NE	NE	78.4	34.9	114.5	68.1	295.9	10	A.-Cu.	S.-Cu. NE	10	Ci.	N. NE
18	NE	NE	NE	NE	N	N	93.6	152.7	152.4	136	534.7	9	A.-Cu. NE	S. NE	4	Ci.-Cu.	Cu. NE
19	NNE	Calm	NE	NE	NE	NE	100.4	------	154.3	125.3	------	5	Ci.	S.-Cu. NE	8	A.-Cu. NE	Cu. NE
20	N	E	NE	NNW	N	N	82.9	121.2	130.4	140.8	475.3	8	Ci.	S.-Cu. NE	9	Ci.-Cu.	S.-Cu. NE
21	NE	NE	NE	NE	NE	NE	128.7	93.6	145	168.3	535.6	10	Ci.	S.-Cu. NE	8	Ci.-Cu.	S.-Cu. ENE
22	N	NbyW	N	N	N	NE	78.3	102	119.3	103.5	403.1	8	Ci.-Cu. E	S.-Cu. ENE	10	Ci.-S.	S.-Cu. NE
23	NE	NE	NE	N	NE	NE	70.6	64.9	167.8	133.8	437.1	10	Ci.-Cu. E	N. ENE	4	Ci.	Cu. NE
24	NE	NE	NE	NE	NE	NE	84.8	118.9	162.8	129	495.5	5	Ci.	S.-Cu. ENE	5	Ci.	Cu. NE
25	NE	NE	NE	NE	NE	NE	62.8	76.1	155.8	134.6	429.3	4	Ci.	S.-Cu. NE	7	A.-Cu. NE	Cu. NE
26	NE	Calm	NE	NE	NE	E	80.2	84	166	125.5	455.7	6	A.-Cu. NE	S.-Cu. NE	4	Ci.	Cu. NE
27	Calm	Calm	NE	NE	NNE	NE	35.4	142.9	191.7	146.4	516.4	7	Ci.-Cu. E	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. NE
28	NNE	NE	NE	NE	NE	NE	159.8	168.6	214.6	199.2	742.2	9	Ci.-Cu. NE	S.-Cu. NE	10	Ci.-Cu.	S.-Cu. NE
29	NE	NE	NE	NE	N	NE	------	140.5	155.8	176.4	------	10	Ci.	S.-Cu. NE	10	Ci.-Cu.	S.-Cu. NE
30	NE	NE	N	NNE	NNE	N	208.9	231.5	216.4	205.7	862.5	9	Ci.	S.-Cu. NE	10	Ci.	N. N
31	N	N	NE	NE	NNE	N	202.5	210.8	237.1	220.1	870.5	8	A.-Cu.	N. NE	10	Ci.	S.-Cu. NE
Mean	------	------	------	------	------	------	84.2	97.1	123.7	103.5	403.1	8.2	------	------	8.5	------	------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4 meters; gravity correction not applied, —1.74 mm.]

NOVEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	54.65	54.50	55.28	53.79	54.50	56.10	26.7	27.3	27	27.7	26.2	27	28.5	23.1	88	78	86	76	82	73	10.5
2	54.99	56.22	58.22	56.27	57.66	59.12	26.1	26.1	26.9	28.9	27.1	26	29.2	23.9	79	82	77	75	86	84	----
3	58.25	58.99	59.96	57.94	58.54	59.60	26.2	26.3	29.6	27.4	27.9	26.9	32.8	23.6	82	86	77	89	84	88	3.8
4	58.46	58.96	60.62	58.33	58.34	59.94	26	26.2	28.2	29	28	27	31	24.6	92	90	80	78	81	83	1
5	59.01	59.02	60.08	58.41	58.78	60	26.3	26.7	28	27.2	27.4	27.3	28.8	24	90	86	79	78	81	81	15
6	59.40	59.09	60.01	58.02	58.44	59.84	25.4	25.9	29	29	27.8	27	30.7	23.8	93	86	78	71	79	85	----
7	58.98	59.08	60.53	58.42	58.80	59.54	26.9	26.8	28.4	30	27	27	30.2	25	86	86	81	71	85	83	1.3
8	58.62	58.79	59.83	57.86	58.32	59.40	26.2	25.9	28	27.9	26	26.7	29.4	23.5	89	92	80	78	88	86	2
9	58.17	58.55	59.43	56.66	57.67	58.38	26.7	25.4	28.3	28.7	27.9	26	29	23.9	86	88	78	76	78	85	----
10	57.29	57.29	58.02	55.72	56.30	57.70	24.2	23.6	29.9	29.9	27.8	24.7	31	22.2	90	94	75	68	78	87	----
11	56.97	57.16	57.94	55.09	56.68	57.99	23.4	23	29.5	30.4	28.3	25	31	21.4	93	92	75	70	75	87	10.2
12	56.11	57.04	58.17	56.50	57.36	58.39	24.9	25.4	26	26.4	27.2	26.4	27.7	23.6	89	88	84	82	79	81	16
13	56.80	57.15	57.59	55.42	55.50	55.15	27.5	25	26	25.7	25.5	25.2	27.5	22.9	73	94	87	90	92	97	72
14	53.60	54.38	55.52	53.75	54.68	56.50	26	25.6	26.7	27.2	25.2	25.2	29	23.9	92	88	86	81	82	85	5.8
15	55.81	56.34	58.06	55.71	56.14	57.70	25	23.4	27.8	29.1	27.9	27.2	30.4	22	91	91	82	77	81	84	----
16	56.99	57.15	58.49	56.88	57.48	58.72	26	24.1	29.4	28.6	25.5	26.6	29.8	22.8	91	94	76	73	90	85	14.3
17	57.04	57.24	58.80	56.78	57.84	58.99	26	26.5	28.4	28.3	26.2	25	29.2	23.7	89	87	82	78	90	92	1.5
18	58.85	59.23	59.78	57.72	58.92	59.52	24	23.9	28	27.9	25.7	26	29.7	22.4	96	95	80	84	89	92	3.3
19	58.14	58.42	60.10	57.76	58.48	59.41	25.8	25.7	26.9	27.3	26.9	25	27.5	23.5	90	90	81	78	82	92	55.1
20	58.45	58.45	58.92	57.27	57.88	58.79	25	25.4	26.5	25.5	27	26.8	27.7	23.6	92	88	87	91	83	86	41.7
21	57.61	57.78	58.57	56.55	56.79	57.46	25.4	25	25.8	25.8	27.1	27.9	27.9	23.3	90	92	88	86	76	70	37.3
22	55.08	53.30	50.54	50.77	55.74	56.93	25.9	23	24	23.2	24	23.7	27.5	20.8	78	96	87	85	85	91	87.1
23	56.77	57.86	59.08	56.65	57.06	58.81	23.5	22.9	26.9	27	26	24.9	28.5	21.5	90	93	86	86	89	92	20.6
24	57.97	58.42	59.62	57.43	58.36	59.36	24.6	24.3	28.7	28.9	26.5	26.8	29.4	22.8	92	92	86	78	90	88	.8
25	58.38	58.36	59.23	57.48	58.20	59.49	27	26.4	29	28.3	27.5	26.9	29.4	25	85	88	78	76	79	81	24.4
26	58.60	58.65	60	57.82	58.82	59.87	26.6	25.1	26.7	28.6	26.4	25.9	28.8	23.3	87	91	85	75	78	81	18.5
27	59.35	59.40	60.24	58.08	58.58	59.78	25.4	25	27.2	28.6	26	26.3	28.9	23.9	84	88	81	76	86	83	1
28	58.90	58.49	59.88	57.88	58.09	58.82	25.9	26	25.3	26.9	25.5	25.7	27.2	23.5	81	84	88	84	84	84	13
29	58.08	58.30	59.87	58.83	58.15	59.59	25	25.2	26.1	24	25.6	26.1	27.2	22.8	90	86	86	88	85	87	8.9
30	58.89	59.35	60.25	58.13	58.14	59.92	25.5	23	26.9	28.5	27.1	26.4	28.8	21	81	87	85	72	74	86	.8
Mean	57.54	57.77	58.75	56.80	57.54	58.69	25.6	25.1	27.5	27.7	26.7	26.2	29.1	23.2	87.6	89.1	82	79	83.4	85.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	465.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNE	NE	NE	NE	ENE	E	248.1	288.4	270.4	234.4	1,041.3	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. ENE
2	SE	S	NE	Calm	Calm	SSW	170.4	71.1	48.5	57.4	347.4	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S. E
3	NW	Calm	Calm	NE	NE	NE	46.7	30.9	115.4	84.8	277.8	9	Ci.	S.-Cu. NE	10	Ci.-S.	N. E
4	NE	N	NW	NE	NE	E	81	52.1	125.5	90.9	349.5	10	A.-Cu. ENE	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. NE
5	NE	ENE	NE	NNE	NE	NNE	67	120.7	171.7	135.8	495.2	9	Ci.	S.-Cu. NE	9	Ci.-Cu.	S.-Cu. NE
6	NE	NE	NE	N	NE	NE	102.2	93.6	127.1	79.9	402.8	9	Ci. E	S.-Cu. NE	7	Ci. NE	Cu. NE
7	NE	N	NE	NE	N	N	85	132.2	105.6	85	407.8	8	A.-Cu. NE	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. NE
8	N	Calm	N	NE	N	N	32.4	58.9	70.5	------	------	7	Ci.	S.-Cu. NE	9	Ci.-Cu.	N. NE
9	N	Calm	NNW	NW	NNE	Calm	------	46.7	82.6	43.3	------	4	Ci.	S.-Cu. NE	4	Ci.	Cu.
10	SW	SW	Calm	N	N	SW	57.1	25.5	73.2	40.4	196.2	4	Ci.	S.-Cu. NE	4	Ci.	Cu. NE
11	SW	SW	Calm	NNE	N	NW	68.4	31.7	40.7	79.4	220.2	9	Ci. SSE	S.-Cu.	9	Ci. SE	Cu.
12	NW	NE	NNW	NE	NE	NE	237.1	116.1	227.7	273.6	854.5	10	Ci.	N. NE	10	Ci.	N. NE
13	N	N	N	N	N	N	321.9	336.9	324.5	278.2	1,261.5	10	Ci.-S.	N. NNE	10	Ci.-S.	N. N
14	NE	E	E	E	SE	SE	153.1	122.9	116.2	49.3	441.5	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. SE
15	SE	S	NW	NW	N	NE	45.4	36.4	86.6	62.5	230.9	4	Ci. SE	Cu.	7	Ci.	Cu. SE
16	Calm	Calm	Calm	NE	NE	NE	28	56.3	166.3	130.1	380.7	6	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
17	NE	NE	NE	NNE	NW	Calm	160.6	93.8	159.6	32.7	446.7	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. E
18	Calm	SW	NW	NW	N	NW	40.7	42.8	182.4	123.3	389.2	8	A.-Cu. SE	S.-Cu.	9	Ci.-Cu. SE	S.-Cu. NE
19	NE	NNE	N	NE	NE	NE	183	232.9	215.9	122.3	754.1	10	Ci.-S.	S.-Cu. NE	10	Ci.-Cu.	S.-Cu. NE
20	N	N	NE	N	NNE	NE	147.6	109.4	165.7	190.7	613.4	9	Ci.	S.-Cu. NE	10	Ci.	N. NE
21	NE	NE	NNE	N	N	N	214.4	246.7	325.9	335.1	1,122.1	10	Ci.-S.	N. NE	10	Ci.-S.	N. NNE
22	N	wbyN	NW	SW	SSW	Calm	294.8	244.3	148.6	38.6	726.3	10	Ci.-S.	N. N	10	Ci.-S.	N. SW
23	SW	SW	NW	WSW	Calm	SW	43.8	35.4	41.3	35.6	156.1	10	Ci. SE	S.	10	A.-Cu.	N. SE
24	Calm	WSW	Calm	NNE	Calm	N	50.9	38.9	79.1	47.7	216.6	8	Ci.	S.-Cu. SE	9	A.-Cu. E	S.-Cu. NE
25	N	NE	NE	NE	NE	NE	97.2	113	167.1	113.8	491.1	7	Ci. ESE	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
26	NE	NE	NE	NE	NE	E	86.9	115.3	153.2	74	429.4	9	Ci.-S.	S.-Cu. NE	7	Ci. E	S.-Cu. NE
27	NE	NE	NW	NE	NE	NE	94.8	105.1	182.3	108.8	491	9	Ci.	S.-Cu. NE	4	Ci. SE	Cu. NE
28	NE	NE	NE	NE	NE	N	69	84.7	145	92.8	391.5	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	N. NE
29	NE	NE	E	E	N	NE	80.3	86.7	82.3	95.6	344.9	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. E
30	E	N	N	NE	NE	NE	30.1	72.4	144.8	112.1	359.4	5	Ci. E	S.-Cu.	9	A.-Cu. E	S.-Cu. NE
Mean	------	------	------	------	------	------	115.1	108.1	144.9	112	494.3	8.5	------	------	8.8	------	------

ATIMONAN.

[φ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4 meters; gravity correction not applied, —1.74 mm.]

DECEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.89	59.54	60.34	58.18	58.49	59.84	26.1	26.5	28.4	28.5	27	26	29	24	85	84	77	77	86	91	28.4
2	59.07	59.29	60.25	58.24	58.99	59.36	26.7	26	26.9	27.2	27	26.9	27.4	24	90	88	82	83	82	78	12.7
3	58.51	58.42	59.38	57.54	58.31	59.45	26.2	26.1	27	25.4	25	25	27	23.5	82	83	80	87	88	87	5.1
4	59.01	59.11	60.07	58.65	59.26	60.80	25.2	25.9	27.9	27.9	26.7	26.2	28.2	23.9	93	88	81	81	86	90	4.3
5	60.49	60.58	61.91	59.63	60.03	61.04	25.7	25.9	28.8	29	27.5	26.9	30.3	24.4	89	88	82	80	84	84	1
6	60.72	61.24	61.72	59.74	59.99	60.17	26.4	26.2	28.9	28.5	27	26.7	29.3	25	86	86	78	76	81	83	------
7	59.04	59.29	59.98	58.15	58.97	59.64	26.1	26	28.4	28.9	27.2	27	29.2	24.8	86	84	77	74	79	80	------
8	58.94	59.09	60.27	58.23	58.50	59.75	26.5	26.1	27.3	28.7	26.7	26.4	29.4	23.8	76	75	79	70	79	77	------
9	58.49	59.11	60.05	57.97	58.69	59.55	26	26	27	27.5	26.6	26.3	28.4	24.9	76	72	72	70	74	77	------
10	58.59	59	60.20	58.76	59.01	60.08	26.4	26	25.3	25	25	25.3	26.6	23.4	77	80	88	92	88	85	31.3
11	59.06	59.39	60.97	58.91	59.52	60.49	25.4	26	25.5	26.7	26.5	26.8	27.3	23.9	88	86	91	83	85	80	11.3
12	59.07	59.09	60.45	58.54	59.34	60.15	26.3	26.3	26.6	26.4	26.2	26	27.8	23.5	82	82	83	85	82	84	8.2
13	58.79	58.82	59.90	57.55	57.98	59.32	26	25.8	26.4	27.7	26.9	25.8	28.3	23.9	84	85	87	83	85	81	2.6
14	58.82	58.49	59.56	57.39	58.20	59.12	26	25.9	26.9	28.5	27.2	26.5	28.9	24.4	84	88	88	79	83	84	2.5
15	58.12	58.56	59.90	57.70	58.82	60.04	25.9	25.4	26.4	27.5	26.4	26.1	28	24	84	87	86	77	84	85	2.3
16	59.31	59.35	60.91	58.45	59.99	60.94	24.2	25.6	25.4	25.9	24.5	24.4	26.7	22.5	94	85	90	86	92	91	90.4
17	59.77	60.15	60.88	58.97	59.56	60.93	24.1	24.5	25.4	25.4	25.8	25.5	26	22.4	97	90	84	80	78	75	1.8
18	59.83	60.49	61.68	59.78	60.74	61.39	25.8	25.9	26.1	26.7	25.3	24.9	27	22.8	70	66	72	71	77	81	1.6
19	60.30	60.63	61.87	59.70	60.63	61.33	24.9	25.7	26.8	26.4	25	25.3	27.4	23.3	80	74	70	70	80	80	.3
20	60.34	60.36	60.99	59.15	59.78	60.49	25.8	25.2	27	27.1	25.9	25.5	28	23.5	74	77	69	69	74	76	------
21	59.75	59.88	60.03	58.08	59.37	59.57	25.5	25.4	26	24	24	24.4	26.2	22.3	77	77	76	91	94	88	95.8
22	58.41	58.31	59.46	57.64	58.56	59.14	24.6	25	25.7	25.7	25.4	25	26	23.3	83	82	76	74	80	83	2.3
23	57.82	57.65	58.86	57	58.02	59.52	24.8	25.2	24.6	25.9	25.5	25.1	26.3	23.3	88	90	94	85	86	88	7.1
24	59.07	59.11	60.76	59.10	60.33	61.50	24.9	24.7	25.1	24.9	24	24.2	26.2	23	84	85	82	81	92	90	6.6
25	60.35	60.95	62.43	60.29	60.21	61.10	24.1	23.9	24.6	24.9	24.5	24.1	25.4	22.9	93	91	91	88	92	97	19.6
26	59.66	60.16	61.49	59.96	60.91	62.06	24.5	24.2	24.7	23.9	23.5	23.5	25.3	22.6	92	94	92	95	96	94	32
27	60.70	61.11	62.59	60.28	60.81	62.33	24.1	23.9	24.7	25.9	25.4	24.8	26.5	23.2	91	96	93	93	91	93	14.5
28	61.39	61.80	63.10	61.65	62.94	63.18	24.1	24.1	24.9	24.6	24.6	25.1	25.5	23	97	95	91	87	87	83	22.4
29	62.10	62.05	63.49	60.83	61.24	62.06	23.7	24.7	24.9	26.6	24.7	24.8	27.2	22.4	85	78	79	72	81	77	------
30	61.19	61.13	62.47	59.95	60.98	61.75	24.5	24.4	25.4	26.1	25	24.2	27.6	23.4	84	85	81	78	80	85	------
31	60.05	60.83	61.62	60.05	61.17	62.31	24.1	24.2	25.4	26.3	25.4	25	27	23.3	86	86	80	77	74	80	3.8
Mean	59.54	59.77	60.89	58.91	59.65	60.59	25.3	25.4	26.3	26.6	25.7	25.5	27.4	23.5	85.1	84.1	82.3	80.5	83.9	84.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	407.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NE	NE	NE	NE	E	96.1	147.6	173.5	140.8	558	7	Ci. E	S.-Cu. NE	8	Ci. E	Cu. NE
2	N	NE	NE	NE	NE	NE	106.7	78.3	192.9	239.6	617.5	9	Ci.-Cu. E	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
3	NE	NE	NE	NE	NE	NE	255.6	204.7	190.1	174.9	825.3	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NE
4	NE	NE	NE	NE	NE	NE	141.8	171.9	136.5	56.8	507	10	Ci.-S.	S.-Cu. NE	10	A.-Cu.	S.-Cu. NE
5	NE	NE	NE	NE	NE	E	51.5	59.3	134.1	109.4	354.3	10	A.-Cu. E	S.-Cu. NE	8	A.-Cu. E	S.-Cu. NE
6	NE	N	NE	NE	NE	NE	106.2	114	154.5	85.3	460	4	Ci.	S.-Cu. NE	8	A.-Cu. NE	S.-Cu. NE
7	NE	NE	E	NE	NE	NE	72.9	93.6	197	139.4	502.9	4	Ci.	S.-Cu. NE	5	Ci.	Cu. NE
8	NE	NE	SE	NE	NE	NE	92.5	85.9	136.6	129.7	444.7	8	Ci.	S.-Cu. NE	7	Ci.-Cu.	Cu. NE
9	NE	NE	N	NNE	NE	NE	149.1	169.5	195	176.2	689.8	8	Ci.-Cu.	S.-Cu. NE	7	Ci.-Cu.	Cu. NE
10	N	N	N	NE	N	NE	185.4	188.1	114	121	608.5	10	Ci.-S.	S.-Cu. NE	10	A.-Cu.	N. ENE
11	N	NNE	NNE	NNE	NNE	NE	115.1	155.9	190.2	172.8	634	10	Ci.	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. NE
12	NE	NNE	NNE	NE	N	NE	168.8	130.1	78.3	124.1	501.3	10	Ci.-S.	S.-Cu. NE	9	A.-Cu. ENE	S.-Cu. NE
13	NE	NE	N	NNE	N	N	115.3	89.9	103.2	80.3	388.7	8	A.-Cu. ENE	S.-Cu. NE	10	A.-Cu. E	S.-Cu. NE
14	N	NW	NNW	NNE	NE	N	113.8	141.6	146.7	102	504.1	9	Ci.	S.-Cu. N	5	Ci.	Cu. NE
15	N	N	NNW	N	N	N	140.5	110.5?	155.1	------	------	10	A.-Cu. ENE	S.-Cu. NE	9	Ci.	S.-Cu. NE
16	Calm	N	N	N	NE	NE	------	115.9	------	289	------	9	Ci.	S.-Cu. NE	9	A.-Cu.	S.-Cu. NE
17	N	NNE	NE	NE	NE	NE	248.7	282.4	268	265.3	1,064.4	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NE
18	NE	NE	NE	NE	NE	NE	222.9	206.6	236.9	181.3	847.7	9	A.-Cu. ENE	S.-Cu. NE	10	A.-Cu. NE	S.-Cu. NE
19	NE	NE	.NE	NE	N	N	185.3	191.8	175.4	105.7	658.2	9	A.-Cu. ENE	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
20	NE	N	NE	NE	N	N	------	117	------	105.6	------	9	Ci.-S.	S.-Cu. NE	10	Ci.-S. E	S.-Cu. NE
21	N	N	N	N	N	N	140.3	199.7	180.8	150.8	671.6	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NE
22	N	N	N	NNE	N	N	228	297.7	279.2	231.2	1,036.1	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NE
23	N	N	NE	NE	NE	N	218.6	209.2	261.3	312.2	1,001.3	10	Ci.-S.	N. NE	10	A.-Cu. NE	S.-Cu. NE
24	NE	NNE	NE	NNE	N	NE	314.3	302.8	284.3	235.1	1,136.5	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NE
25	NE	NNE	NNE	NE	NNE	NE	210.3	197.5	167.4	170.3	745.5	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
26	NE	N	NE	NE	E	NE	198.8	197	151.6	125.5	672.9	10	Ci.	N. NE	10	A.-Cu.	N. NE
27	NE	NE	NE	NE	NE	NE	128.4	135.7	93.1	85.3	442.5	10	Ci.-S.	N. NE	10	A.-Cu. E	S.-Cu. NE
28	Calm	N	NE	NE	NE	NE	41	146.4	226.1	219.3	632.8	10	Ci.	N. NE	10	Ci.-S.	N. NE
29	E	NE	E	NE	NE	NE	206.3	208.1	206.6	163.1	784.1	10	Ci.	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. NE
30	NE	N	NE	NE	NE	NE	161.7	151.5	172.8	115.4	601.4	8	Ci.	S.-Cu. NE	9	A.-Cu.	S.-Cu. NE
31	NE	NE	NE	NE	NE	NE	120.5	160.9	204.2	189.7	675.3	5	A.-Cu. E	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. NE
Mean	------	------	------	------	------	------	156.4	163.3	179.5	159.9	663.1	8.9	------	------	9.1	------	------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, −1.69 mm.]

JANUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.08	59.73	60.15	57.62	58.33	60.07	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
2	59.21	59.77	61.40	58.94	59.80	61.54	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
3	61.56	61.85	62.47	59.94	61.56	62.43	------	------	------	------	------	------	------	------	------	------	------	------	------	------	1.3
4	62.05	62.20	62.68	60.32	61.74	62.74	------	------	------	------	------	------	------	------	------	------	------	------	------	------	4.1
5	61.81	61.83	62.55	59.62	60.21	61.69	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
6	60.88	61.05	61.48	59.25	59.78	60.83	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
7	59.97	59.57	60.50	58.18	58.75	60.09	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
8	59.03	59.20	60.71	58.54	58.42	59.07	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
9	58.14	58.81	60.15	57.50	58.66	59.64	------	------	------	------	------	------	------	------	------	------	------	------	------	------	.8
10	59.02	59.41	60.33	57.77	57.97	58.96	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
11	58.36	58.31	59.26	56.70	57.23	58.16	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
12	57.91	58.32	59.86	57.54	57.56	58.12	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
13	57.91	58.04	58.50	56.20	57.01	57.82	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
14	57.71	58.27	59.23	57.18	57.94	59.01	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
15	59.03	59.26	60.31	58.10	59.25	60.58	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
16	60.24	60.64	61.80	59.31	59.95	61.15	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
17	60.63	60.85	61.66	58.93	59.27	60.28	21	18.9	26.2	28.4	25	22.6	28.7	18.5	82	85	59	49	62	71	------
18	59.77	59.65	61.14	58.55	59.41	61.06	19.6	17.8	26.3	28.4	25	22	29.2	17.4	85	92	57	47	66	79	------
19	60.71	60.83	61.75	59.22	60.36	61.86	21.6	20.5	26.5	28	25.2	23	29.5	19.3	80	83	60	54	65	78	.8
20	61.14	61.49	62.85	60.35	60.56	61.18	22	21.5	24.5	28.4	25	23.4	28.7	21.5	82	84	73	53	65	76	------
21	60.51	60.69	61.93	59.20	59.79	61.31	22.7	21.1	26.9	29.4	24.5	24.2	29.7	20	77	87	70	59	88	86	3.8
22	60.53	60.93	62.13	59.29	59.85	61.12	22.7	22.4	27	28.5	26.2	24.4	30	21.8	92	94	80	65	70	83	------
23	60.82	61.08	62.32	59.59	59.99	61.79	23.4	23.1	26.4	28.4	26	24.5	29.7	22.4	86	88	72	58	60	75	------
24	61.11	60.77	62.17	59.55	59.84	61.71	23	21.3	28.3	29.5	26	24	30.3	20.8	83	90	59	52	66	74	------
25	61.01	61.29	62.73	59.87	60.12	61.61	22	20.1	26	29.7	26	23.4	30	19.2	87	92	67	48	66	81	------
26	60.97	61.17	62.34	60.20	60.91	62.46	22	19.7	26.5	27.5	24.5	21.3	28.7	19.4	88	90	61	54	62	80	------
27	62.13	62.53	64.14	61.92	62.14	63.59	20.1	18.5	26.5	27	23.8	20.5	28.5	18.2	86	87	55	50	64	82	------
28	62.80	62.86	63.75	60.66	60.64	61.69	19.2	17.1	25.5	27.9	24.9	22.6	28.6	17	85	90	56	48	60	74	------
29	61.39	61.04	62.25	59.19	59.34	60.80	20.2	18	26	28.5	25.5	22	29.8	17.8	85	92	62	44	58	81	------
30	60.28	61.28	62.13	59.43	60.04	61.54	21	19	25.5	29.5	26.4	24.6	30.2	18.5	82	90	52	44	60	71	------
31	61.21	61.49	62.20	59.59	60.92	62.39	21.9	19.7	26.9	28	24.5	22	29	19.5	83	84	52	53	67	75	------
Mean	60.22	60.46	61.51	58.98	59.59	60.85	21.5	19.9	26.3	28.5	25.2	23	29.4	19.4	84.2	88.5	62.3	51.9	65.3	77.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	10.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NW	0	NNE	1	NNE	1	ESE	4	ESE	3	ENE	1	5	A.-Cu.	S.-Cu.	5	A.-Cu.	Cu. E
2	NNW	0	NNW	1	NNE	1	E	5	E	3	NE	1	3	Ci.	S.-Cu.	3	A.-Cu. SE	Cu.-N. E
3	NW	1	NW	1	NNW	0	ESE	5	NNW	1	NW	1	4	Ci.	Cu.	7	Ci.	Cu. E
4	NW	1	Calm	----	NNE	3	ENE	4	NNW	1	NW	1	7	Ci.	Cu. ENE	7	A.-Cu.	Cu. E
5	NW	0	Calm	----	NE	1	ENE	3	ESE	2	NE	1	7	A.-Cu. SE	Cu. ENE	5	A.-Cu.	Fr.-Cu. E
6	NE	1	N	1	NNW	1	ESE	4	ESE	3	NNW	1	5	Ci.	S.-Cu. E	6	Ci. SE	Fr.-Cu. E
7	NW	1	NW	1	NE	1	E	4	ESE	3	NE	1	4	Ci. S	S.-Cu.	2	Ci.	Cu.
8	NW	1	NW	1	NNE	1	ESE	4	E	3	NNE	1	4	Ci.	S.-Cu. E	5	A.-Cu. SE	Cu. E
9	NNW	0	NNE	1	E	1	ENE	5	ENE	4	ESE	2	5	Ci.	S.-Cu.	5	Ci.	Fr.-Cu. E
10	NW	1	NW	0	E	1	ESE	4	ESE	2	E	1	5	Ci.-S.	Cu. E	5	Ci.	Fr.-Cu. E
11	NE	1	Calm	----	NNW	1	ESE	4	E	3	E	1	10	Ci.-S.	N. E	7	A.-Cu. ENE	Cu. E
12	NW	0	WNW	1	NW	1	E	2	ESE	2	ENE	1	4	Ci.	S.-Cu.	6	A.-Cu.	Cu. E
13	NW	1	NW	0	NE	2	E	2	E	1	E	1	3	Ci.	S.-Cu.	5	A.-Cu.	Cu. E
14	ENE	0	ENE	1	NNW	1	NNW	2	NNW	1	NE	1	7	A.-Cu. E	S.-Cu.	7	Ci.	Cu. NE
15	NNW	1	NNW	0	NE	1	ESE	4	E	2	ENE	1	5	Ci.	Cu.	7	A.-Cu.	Cu.-N. E
16	WSW	0	SE	1	NE	1	NW	1	ESE	1	NNW	0	6	Ci.	N. E	8	A.-Cu.	N.-cf. E
17	WNW	1	WNW	0	NNW	1	E	4	E	3	NW	1	4	Ci.	S.-Cu.	4	Ci.	Cu.-N.
18	NW	0	NW	1	ENE	1	E	4	E	2	NW	1	4	Ci.	S.-Cu.	4	Ci.	Cu.
19	NW	1	WNW	0	NNE	1	ESE	4	E	4	NNW	1	8	A.-Cu. SE	S.-Cu. E	6	A.-Cu.	Cu. ENE
20	NNW	0	Calm	----	NE	1	NE	0	E	2	NNW	1	10	A.-Cu. SE	N. E	8	A.-Cu. SE	Cu. E
21	NW	1	NW	1	NNE	1	ENE	2	ESE	0	ENE	1	4	Ci.	S.-Cu.	10	Ci.-S.	N.-cf. ESE
22	NNW	1	NNW	1	NNW	1	ENE	2	ESE	1	NNW	1	8	A.-Cu. SE	S.-Cu. E	7	A.-Cu.	Cu. E
23	NNW	1	NNW	0	ENE	1	E	4	E	3	NE	1	6	A.-Cu.	S.-Cu. E	7	A.-Cu.	Cu. E
24	NNE	0	NE	1	NNW	1	NNW	0	E	2	NNE	1	5	Ci.	S.-Cu. E	10	Ci.-S.	N.-cf. NE
25	NW	1	NW	1	NNE	2	NNW	2	NW	2	NW	2	3	Ci.	S.-Cu.	6	Ci. SE	Cu. NE
26	NNW	1	NNW	1	NNW	1	E	3	E	4	NNW	0	9	Ci. SE	S.-Cu. NE	7	A.-Cu.	Cu. ENE
27	NW	0	NW	1	ENE	0	E	4	E	4	NNW	1	5	Ci.	S.-Cu.	5	A.-Cu.	Fr.-Cu. ESE
28	NW	0	NW	1	NE	1	E	3	E	2	E	1	2	Ci.	S.-Cu.	5	Ci.	Cu.-N.
29	NNW	1	NNW	0	NNW	1	ENE	1	E	2	NW	0	2	Ci.	S.-Cu.	5	Ci.	Cu.-N. E
30	NW	1	NW	0	NNE	3	NE	2	ENE	2	NE	1	3	Ci. SE	S.-Cu.	5	Ci.	Cu. E
31	NNE	0	NW	1	E	2	E	3	NE	2	NNE	1	4	Ci.	S.-Cu. E	6	A.-Cu.	Cu. E
Mean	------	0.6	------	0.6	------	1.2	------	3.1	------	2.3	------	1	5.2	------	------	6	------	------

The thermometers of this station were broken during a typhoon on October 24, 1909.

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, −1.69 mm.]

FEBRUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.01	62.21	63.83	61.60	63.01	64.16	21.6	21	26.6	27.8	24	22.1	29.6	20.4	72	74	53	53	69	72	------
2	63.66	63.64	64.74	62.47	63.31	64.86	21.8	21	26.9	27.8	24.8	22	29.1	20.5	75	73	46	46	62	72	------
3	64.07	63.93	64.69	61.89	62.63	63.89	21.2	20.5	25.3	28.4	25	22.1	29.1	20	72	75	55	47	64	75	------
4	62.99	62.57	63.22	60.12	60.30	61.44	21.2	21	27.6	29	26.1	24	29.9	20.9	78	78	53	49	68	77	------
5	60.72	60.82	61.75	58.67	59.19	60.74	23.5	22.5	26.6	29	27	24	30.3	22	77	83	64	57	64	76	------
6	59.96	59.39	60.35	57.69	58.47	60.19	23	22.5	28	29	27	25.4	30.7	22	79	82	59	58	63	73	------
7	59.42	59.44	60.62	57.64	57.95	59.37	24.2	21.5	27.5	29.7	26.8	25.9	30.6	21.2	74	92	67	58	65	70	------
8	58.56	58.78	59.89	57.07	56.72	58.58	23.4	21.2	28.6	32.5	30.5	25.3	33.1	20.9	85	90	61	47	56	85	------
9	58.11	58.21	58.68	56.43	57.07	58.68	24.1	23	28.6	30.5	26.8	25.5	31.8	22.4	86	91	63	56	68	76	------
10	58.76	59.11	59.78	57.16	57.44	58.73	24.2	23.5	28.9	30	28.2	26.4	31.2	22.8	82	85	63	56	62	70	------
11	58.86	59.07	60.37	57.90	58.15	59.40	24.4	23.4	25.8	28.4	25	24.4	29.7	23	80	87	74	63	69	73	------
12	58.98	59.23	60.15	57.74	58.34	59.61	23.4	23.2	27.6	29	25.2	23.5	30	22	78	76	60	54	66	76	------
13	59.03	59.32	60.45	57.62	59.10	60.27	21.6	21.4	27.5	30	26	23.7	30.8	20.4	86	83	66	60	74	90	------
14	59.52	59.98	60.76	57.66	58.89	59.91	22.8	22.5	27	30.4	27	25.2	30.9	22	89	90	70	54	70	80	------
15	59.06	59.83	60.56	57.76	58.09	59.71	24.2	23.6	27.5	30	28	25.1	31	23.1	82	83	68	59	66	78	------
16	59.20	59.45	60.28	57.28	57.72	59.27	23.6	22.8	29	31.7	29.2	26.4	32.8	22.5	86	89	59	49	59	72	0.3
17	58.54	58.81	59.42	56.13	56.42	59.09	24.4	22.6	30	32.3	30.7	26	34	22.4	80	91	60	49	60	80	------
18	58.27	58.76	59.47	56.73	57.34	59.09	24.2	22.8	29.5	32	28	26.3	32.9	22.6	90	94	64	52	67	74	------
19	58.86	59.53	60.89	59.55	59.58	61.21	24.2	23.5	29.6	25.2	25	24	31	22.5	86	84	58	79	80	83	------
20	60.53	60.76	61.99	59.63	60.20	61.29	22.8	22	27.2	30.6	26.8	24.4	30.7	21	84	90	67	53	68	78	------
21	60.78	60.91	61.75	59.75	60.10	61.18	23.1	21.4	27.8	28	25.5	23.5	29.3	21.2	86	89	57	58	66	74	.5
22	60.81	60.88	61.19	58.16	58.25	60.27	21.6	20.4	27.7	30.2	27	24	31	19.9	86	90	58	48	60	74	------
23	60.26	60.87	61.25	57.84	58.12	60.19	22.8	21.8	29	31.6	28.7	25.5	32.1	21.2	76	84	53	46	52	63	------
24	59.86	60.27	61.25	58.83	59.19	60.14	22.5	20.4	28	30	27.8	23.9	31	20	78	91	59	46	52	76	------
25	59.51	59.68	60.41	58.26	58.74	59.73	22.2	19	28.5	29.9	26.9	23.8	30.8	19	81	91	53	40	54	71	------
26	59.83	60.35	60.72	58.02	57.93	59.50	19.8	18.4	27.4	32	29	24.6	33	17.8	83	87	55	39	58	72	------
27	59.12	59.71	60.37	56.97	56.58	58.68	24	21.7	29.5	31.7	28.6	24.2	33.4	21	72	85	56	45	56	74	------
28	58.64	58.79	59.24	57.04	57.53	58.73	23.2	20	28.5	31.2	28.5	24.8	32.2	19.9	77	91	58	45	55	71	------
Mean	59.93	60.15	61	58.34	58.80	60.28	23	21.7	27.9	29.9	27.1	24.5	31.1	21.2	80.7	85.6	60	52.4	63.3	75.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	0.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNW	0	NNW	1	E	1	ENE	3	ENE	2	NE	2	5	Ci.	S.-Cu.	7	Ci.	Cu. NE
2	NE	1	NE	1	ENE	2	NNE	3	NE	2	NE	0	4	Ci.	S.-Cu.	6	Ci.	Cu. ENE
3	NNE	0	NNE	1	ENE	2	E	3	NE	1	NNW	1	4	Ci.	S.-Cu. NE	6	A.-Cu. E	Cu. NE
4	NW	1	NW	0	NE	2	ENE	2	ESE	1	NE	1	7	Ci.-S. S	S.-Cu. E	6	A.-Cu. E	Cu. NE
5	NW	0	NW	1	NE	1	NE	2	ENE	2	NW	0	10	A.-S.	N. NE	6	A.-Cu.	Cu. ENE
6	NW	1	NW	0	NW	1	ESE	1	ESE	3	NW	0	7	Ci.-S. S	N. E	9	Ci.-S.	N.-cf. ENE
7	NW	0	NW	1	NNW	0	E	4	ESE	3	ESE	2	5	A.-Cu. SE	S.-Cu. NE	7	A.-Cu. ESE	Cu. NE
8	NNW	1	NW	0	NE	1	ESE	1	NNW	0	NW	2	4	Ci.	S.-Cu.	5	Ci.	Cu.-N. ENE
9	NW	0	NW	1	NE	0	E	4	E	2	NNW	1	4	Ci.	S.-Cu. NE	5	Ci.	Cu.-N. ESE
10	NW	1	NW	0	NE	1	NE	1	E	2	E	2	10	Ci.-S.	N. E	6	A.-Cu. NE	Cu. ESE
11	NNW	0	NW	1	ESE	1	ESE	2	E	4	NE	1	10	Ci.-S.	N. ESE	10	Ci.-S.	N.-cf. ENE
12	NNW	1	Calm	----	NNW	0	ESE	2	SE	3	E	1	10	Ci.-S.	N. ESE	8	A.-Cu.	Cu. NE
13	NW	0	NW	1	NNW	1	ESE	2	SE	0	NW	1	10	Ci.-S.	N. E	9	Ci.-S.	N.-cf. E
14	NW	1	NW	0	NE	1	ENE	2	ENE	2	ESE	2	8	Ci.	N. E	8	A.-Cu.	N.-cf. ESE
15	NE	0	Calm	----	ENE	1	ENE	2	ENE	3	NE	1	10	Ci.-S.	N. ESE	7	A.-Cu.	Cu. SE
16	NNW	1	NNW	0	ENE	2	E	1	ESE	1	NNE	0	4	Ci.	S.-Cu. ESE	5	A.-Cu. SE	Cu. E
17	NW	0	NW	1	NW	0	ENE	1	NW	2	NNW	1	5	Ci.	S.-Cu.	5	A.-Cu.	Cu.-N. SE
18	NW	1	NW	0	ENE	1	E	2	ESE	2	E	2	6	Ci.	Cu.	5	A.-Cu.	Cu. NE
19	NW	0	NW	1	NE	0	SE	1	E	1	NW	1	6	Ci.-S.	S.-Cu. E	9	A.-S.	N. ENE
20	NW	1	NW	0	NNE	1	ESE	2	ESE	2	E	1	8	Ci.-S.	N. ENE	8	A.-Cu. SE	Cu. E
21	NNW	0	NNW	1	ENE	4	E	3	E	2	NE	0	6	A.-Cu.	S.-Cu. E	5	A.-Cu.	Cu. E
22	NNW	1	NNW	0	ENE	3	E	4	E	3	NW	1	5	A.-Cu. E	S.-Cu.	6	A.-Cu.	Cu.-N. ESE
23	NW	0	NW	1	NE	1	NE	2	ESE	2	NE	2	7	Ci.	Cu. NNW	6	A.-Cu.	Cu. ENE
24	NNW	1	NNE	0	ESE	1	E	4	ESE	2	ENE	0	6	Ci.	S.-Cu.	8	Ci.-S. SSE	Cu. E
25	NNW	0	NE	1	E	3	E	4	E	3	E	2	4	Ci.	Cu.	4	Ci. SE	Cu.
26	NW	1	WNW	0	ENE	1	NE	1	E	2	ENE	1	5	Ci. SE	S.-Cu.	4	Ci.	Cu. ESE
27	NNW	0	NW	1	NE	1	NE	1	E	1	NNW	2	6	Ci. SE	S.-Cu.	4	Ci.	Cu. E
28	NW	1	NNE	0	E	2	E	2	E	2	E	0	5	Ci.	S.-Cu.	6	Ci. SE	Cu. E
Mean	------	0.5	------	0.5	------	1.3	------	2.2	------	2	------	1.1	6.5	------	------	6.4	------	------

SAN ISIDRO.

[φ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

MARCH, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.15	59.42	59.69	57.12	57.48	59.16	21.8	21.1	29.8	32.9	27.2	22.5	33.2	20.5	87	91	51	41	59	79	------
2	58.37	58.39	58.91	56.22	56.44	58	20.2	18.7	29	31	27.7	25.9	32	18.4	89	89	53	50	62	70	------
3	57.93	58.46	59.29	56.73	56.73	58.69	23.8	23	29.5	31.7	29.5	26.1	33.2	22.5	81	83	63	49	56	69	------
4	58.34	59.06	59.99	56.67	58.22	59.58	24	23.4	30.1	32.6	26.5	24	33.4	22.5	83	85	59	47	74	86	1
5	58.94	59.51	60.27	57.26	58.59	59.36	24	23.7	29.8	32.4	23.5	23.6	34.1	23	91	92	61	46	95	94	8.9
6	59.39	60.28	61.49	58.28	58.12	60.29	23.6	23	27.6	31.4	27.4	25.7	31.7	22.6	93	97	73	49	62	71	------
7	59.26	59.98	60.75	58.54	58.75	60.39	24	22	29.5	29.7	27.3	26	31.2	22	81	89	56	49	63	69	------
8	59.71	60.36	61.37	58.77	59.10	61.34	24.2	22.2	28.1	30.6	27	24.4	31.2	22	82	88	52	42	60	73	------
9	60.88	60.92	61.92	59.80	60.11	61.92	22.8	23.5	28.5	28.9	26	25	30.6	22	84	79	58	56	65	73	------
10	61.54	61.66	62.43	59.97	60.77	62.61	23.9	23	29	30.5	25	23.8	31.3	22.4	79	84	58	53	83	86	1
11	61.80	61.66	62.22	60.15	60.42	62.27	23.8	23	28.2	28.4	27.5	24.5	31.7	22.5	83	88	58	60	58	81	------
12	61.99	61.66	61.82	59.29	59.19	61.12	23.8	22.5	29.4	29	27	25.7	32.1	21.4	83	89	56	58	68	71	------
13	60.66	60.66	61.75	59.68	60.27	61.87	23.8	21.6	28.2	28.5	25.5	25.2	31.2	21.5	81	91	60	58	66	72	------
14	61.04	61.10	62.15	60.15	60.41	61.80	23	21.4	28	29.4	26.1	24.6	30	20.8	84	88	53	48	62	68	------
15	60.78	60.99	62.28	59.82	59.36	60.61	21.8	21.5	26.2	29	26.6	23.4	30	20.5	84	84	64	52	52	72	------
16	59.41	59.37	60.04	57.23	57.48	58.50	21.7	19.7	29.9	32.4	27	24.4	32.7	19.2	83	89	48	39	57	73	------
17	57.34	57.80	58.71	56.11	55.98	56.77	23.6	22.8	25.5	26.5	27	25	28	22.4	78	85	69	69	62	70	.5
18	56.06	56.26	57.59	54.88	55.37	57.12	24.5	22.5	27.4	32.4	26.5	25.9	32.8	22	71	82	65	48	72	75	------
19	56.39	57.18	57.92	55.45	56.44	58.88	25.5	24	30	33	29.6	25.9	34.2	23	78	89	64	47	56	78	------
20	58.85	59.17	59.98	57.12	57.30	60.23	24.8	23	29.6	34	32.5	25.5	34.3	22.4	85	91	58	45	51	84	.2
21	59.19	59.99	60.72	57.70	57.79	59.71	25.2	24	30	33.1	30	27	33.6	23.1	85	91	65	48	65	82	1.8
22	59.09	59.31	60.69	57.51	58.22	60.05	24.8	22.9	30.3	32.3	28.1	26	33	22.9	89	93	58	46	56	80	------
23	58.79	59.02	60.19	57.11	59.14	60.56	24.6	23	30.9	31.9	23	23	35	22.2	------	------	------	------	------	------	24.4
24	60.02	60.43	61.38	58.57	59.17	61.30	22.8	22.4	29	30.5	28	26	31.6	22.2	------	------	------	------	------	------	------
25	60.99	61.18	62.09	60.08	60.78	62.40	24	23	29.3	31	27.8	25	31.5	22.8	------	------	------	------	------	------	------
26	61.74	61.75	62.64	60.26	60.81	62.27	24.6	22.4	29.7	31.5	27.8	26	31.8	22.4	------	------	------	------	------	------	------
27	60.79	60.96	61.74	59.14	59.44	60.58	24.2	22.5	30	31.4	27.4	25	31.8	22.4	------	------	------	------	------	------	------
28	59.82	59.98	60.97	58.55	59.05	60.14	22.8	21.5	29.2	31.7	28	26.1	33.2	21.5	------	------	------	------	------	------	------
29	59.42	59.58	60.41	58.42	58.96	60.21	22.6	21.6	30.3	31.5	28.5	25.4	32.2	21.3	------	------	------	------	------	------	------
30	59.13	58.88	60.09	58.17	58.28	59.52	23	22	28	29.7	28	25.4	30.6	21.5	------	------	------	------	------	------	.8
31	58.46	58.58	59.42	57.52	57.74	59.15	23.4	22.7	29.8	30.8	29	26	31.6	22.5	------	------	------	------	------	------	------
Mean	59.49	59.79	60.67	58.14	58.58	60.21	23.6	22.4	29	31	27.4	25.1	32.1	21.9	83.4	88	59.2	50	63.8	76.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	38.6

Day.	Wind.											
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*
1	NNW	0	NW	1	E	2	E	3	E	3	ENE	1
2	NW	0	WNW	1	ENE	2	E	3	E	2	NNW	1
3	NNW	0	NNW	1	NW	1	NNW	2	NNW	2	NNW	0
4	NW	0	NW	1	SW	1	ESE	0	ESE	2	NE	1
5	NNW	0	NW	1	NE	1	NE	1	E	0	NW	0
6	NNW	1	NNW	0	NNW	1	E	1	ESE	2	NE	0
7	NNW	0	NNE	0	ENE	1	E	2	E	2	ESE	1
8	NNW	0	NNW	1	NE	1	E	2	E	5	E	2
9	NNW	1	NE	1	ENE	2	E	3	ESE	3	E	1
10	NNE	0	NW	1	ENE	2	E	2	E	1	NE	1
11	NE	1	NE	0	ESE	1	NE	4	ESE	3	NNW	1
12	NW	1	NW	1	NE	1	E	4	E	4	E	2
13	NNE	0	NNE	1	E	4	E	4	E	4	E	1
14	NNW	1	NNW	0	ESE	1	E	3	E	4	E	1
15	NW	0	NW	1	NE	1	ENE	2	ESE	3	NE	1
16	NNW	1	NW	0	NE	1	NE	1	ESE	1	WNW	0
17	WNW	0	NW	1	NE	2	NNE	3	NE	2	NW	2
18	NW	0	Calm	----	WNW	1	WbyN	1	S	1	Calm	----
19	WSW	1	SSW	0	SSW	1	SW	2	SSW	2	ESE	1
20	ESE	0	E	1	ENE	1	SSW	0	ESE	1	Calm	----
21	NW	1	Calm	----	NW	0	NNW	1	SW	1	SW	0
22	NW	0	NW	1	ESE	2	ESE	3	ESE	1	NW	1
23	NW	1	NW	0	NW	1	NE	2	NW	0	WNW	1
24	NW	0	NNW	1	ENE	1	ESE	2	ESE	2	ESE	0
25	NW	0	NW	1	ENE	3	ESE	4	ESE	2	ENE	1
26	NNW	1	NW	0	E	3	E	4	E	4	E	1
27	NNW	0	NW	1	E	3	ESE	4	ESE	4	NE	1
28	NW	1	NW	0	E	1	E	5	ESE	5	E	2
29	NNE	0	NW	1	E	4	E	6	E	5	E	1
30	NW	1	NW	1	NW	0	E	3	E	3	E	1
31	NW	0	Calm	----	ESE	5	SE	6	SE	3	E	1
Mean	-------	0.4	-------	0.6	-------	1.6	-------	2.7	-------	2.5	-------	0.9

Day.	Clouds.					
	6 a. m.			2 p. m.		
	Amount.	Form and direction.		Amount.	Form and direction.	
		Upper.	Lower.		Upper.	Lower.
	0–10			*0–10*		
1	8	Ci.-S. SE	S.-Cu.	6	Ci. SE	Cu.
2	5	Ci.	S.-Cu.	5	A.-Cu. SSW	Cu. E
3	6	Ci.	S.-Cu. N	8	A.-Cu.	Cu. N
4	7	A.-Cu. SW	Cu.	7	Ci.-S.	Cu.-N. SE
5	7	Ci.	S.-Cu. E	6	A.-Cu.	Cu.-N. E
6	8	A.-Cu. SE	N. NE	7	A.-Cu.	Cu.-N. NE
7	5	Ci.	Cu. E	8	A.-Cu. SSE	Cu. E
8	5	Ci.	S.-Cu.	5	Ci.	Cu. NE
9	7	Ci.	S.-Cu. E	8	A.-Cu.	N. NE
10	10	Ci.-S.	N. E	5	Ci.	Cu.-N. E
11	7	A.-Cu. SE	S.-Cu. E	7	Ci.-S.	N. E
12	3	Ci.	S.-Cu.	9	A.-Cu.	N.-cf. NE
13	6	Ci.	S.-Cu.	10	Ci.-S.	N. E
14	6	Ci.	S.-Cu.	7	Ci.-S. SE	Cu. E
15	10	Ci.-S.	N. E	7	Ci.-S. S	Cu. ENE
16	5	Ci.	S.-Cu.	8	Ci.-S.	Cu. E
17	10	Ci.-S.	N.	10	A.-S.	N. NNE
18	10	Ci.-S.	N. NE	9	A.-Cu. N	N.-cf. NWbyW
19	7	Ci.-S.	N. SW	7	A.-Cu. NW	Cu. SW
20	8	A.-Cu.	S.-Cu. S	5	A.-Cu.	Cu. S
21	5	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.-N. SE
22	5	A.-Cu.	S.-Cu.	5	A.-Cu. SE	Cu. E
23	10	Ci.-S.	N. S	7	A.-Cu.	Cu.-N. S
24	8	Ci.-S.	N. SE	7	Ci.-S. SE	Cu.-N. ESE
25	5	Ci.-S.	S.-Cu. ESE	5	A.-Cu. SE	Cu. E
26	3	A.-Cu.	Cu. E	3	Ci.	Cu.
27	3	Ci.	S.-Cu. E	2	A.-Cu.	Cu.
28	3	Ci.	S.-Cu.	3	A.-Cu.	S.-Cu. E
29	3	A.-Cu. NE	S.-Cu.	4	A.-Cu.	Cu. E
30	3	Ci.	S.-Cu.	8	A.-Cu. SE	Cu. E
31	5	Ci. SE	S.-Cu. E	7	A.-Cu.	Cu. E
Mean	6.2	------------	------------	6.5	------------	------------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

APRIL, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.90	59.18	59.77	58.08	57.98	59.99	23	22	29.7	31.9	28.2	25.8	32.4	------	------	------	------	------	------	------	------
2	59.46	60.03	60.28	57.92	58.08	59.81	22.5	21	30.1	31.5	28.6	25.4	32.7	------	------	------	------	------	------	------	------
3	59.24	59.52	60.43	57.56	58.01	59.81	23.2	22.1	31.3	34	28.5	26.4	34.2	------	------	------	------	------	------	------	1.3
4	58.40	58.53	59.89	57.51	57.66	58.98	24.4	23.5	29.4	31.1	28.9	25.5	31.7	------	------	------	------	------	------	------	------
5	58.31	59.10	59.94	57.61	58.05	59.71	24	22.5	31	31.1	28	26	32.2	------	------	------	------	------	------	------	------
6	59.19	59.66	60.48	57.79	57.82	59.62	24.4	22.4	29.5	32.6	28.6	26.5	33.2	------	------	------	------	------	------	------	------
7	59.07	59.76	60.61	58.07	57.93	60	23.5	21.5	31	32	28	25.6	32.7	------	------	------	------	------	------	------	------
8	59.54	59.71	59.94	57.30	56.94	59.30	23.2	21.5	30.4	33.4	29	27	34.3	------	------	------	------	------	------	------	------
9	58.64	58.82	59.96	57.30	57.08	58.97	25	21.7	30.5	33	29.9	26	33.5	------	------	------	------	------	------	------	------
10	58.50	59.40	59.81	56.79	56.85	59.31	24	21.5	31	34	32.9	27.5	36	------	------	------	------	------	------	------	------
11	58.49	58.86	59.44	57.10	56.96	59.61	24	22.5	31.9	33.5	31.3	25.1	35.6	------	------	------	------	------	------	------	.5
12	58.27	58.39	59.47	56.60	56.97	59.23	24	23.8	31.1	33.8	31.3	27.1	35.7	------	------	------	------	------	------	------	------
13	58.69	58.99	60.02	57.97	58.15	60.28	25.8	24	31.1	32	29.6	27.1	33.2	------	------	------	------	------	------	------	------
14	59.51	59.47	60.36	58.21	58.54	60.75	24.8	24.2	30.6	33.7	31	25.5	35	------	------	------	------	------	------	------	------
15	60.36	60.20	61.38	59.31	59.51	60.63	25.2	22.1	31.5	32.5	30.8	27.1	34.2	------	------	------	------	------	------	------	------
16	59.54	59.46	60.58	58.19	58.16	59.86	23.8	23.1	31.5	34	30.2	27	34.7	------	------	------	------	------	------	------	------
17	58.79	59.02	59.48	56.34	56.38	58.69	24.8	23.4	31.5	35.1	32.1	28	36.3	------	------	------	------	------	------	------	------
18	57.53	57.49	57.43	54.66	55.30	57.87	26.5	25.8	31.9	35	32	27.4	36.4	25.4	92	92	61	49	54	77	------
19	56.98	57.16	57.75	55.25	55.54	58.11	26	25	32.2	35.5	31.5	27	36.2	24.5	84	88	61	49	53	80	------
20	57.59	57.79	58.13	55.25	55.56	58.83	26.5	26.5	30.7	34.5	30.7	24	34.8	23.5	84	82	72	48	64	98	22.9
21	57.34	57.50	58.20	54.78	56.17	57.85	24	23.5	29.8	33.1	28.3	27.2	34.2	23.2	96	95	76	56	82	84	------
22	56.91	57.30	58.18	55.72	56.01	57.92	25.4	25	30.6	32	29.3	26	33.2	24.6	92	94	62	53	62	80	------
23	57.27	57.58	58.17	55.72	56.38	58.41	25	24.1	30.4	30.9	28	25.9	33.2	23.4	88	91	66	62	66	80	3
24	57.06	57.02	58.41	57.06	57.28	58.27	24.8	23	24	24	23.7	23.2	25.2	23	87	96	95	95	94	97	47.2
25	57.72	57.92	59.06	58	58.69	59.88	23.4	23.5	23.8	25.2	25.5	24.4	26.1	22.9	97	96	97	94	92	96	30
26	58.98	59.14	60.23	57.56	58.57	59.91	23.3	22.5	29	33	23.5	23.8	33.2	22	97	98	78	63	92	93	9.2
27	59.08	59.65	60.71	58.11	58.56	59.90	23.2	23	27.9	30.9	25.5	24.4	32.2	22.5	97	96	77	65	88	91	.5
28	59.11	59.71	60.47	58.32	58.56	60.05	23.8	23.5	29.5	32	29.5	26.4	32.7	22.6	95	96	63	55	60	78	------
29	59.86	59.81	60.55	58.54	58.74	60.15	23.4	23	31.4	32.6	30	26.9	33.2	22	90	88	59	49	59	76	.3
30	59.54	59.90	60.52	58.68	58.69	59.93	24.6	23.8	30	32.4	29	26	32.7	22.6	90	90	60	49	62	78	------
Mean	58.60	58.87	59.66	57.24	57.50	59.39	24.3	23.2	30.1	32.3	29.1	26	33.4	23.2	91.5	92.5	71.3	60.5	71.4	85.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	114.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	ENE	0	NE	1	E	4	E	3	E	2	E	1	4	Ci.	Cu. E	3	Ci.	Cu.
2	NE	1	NW	0	ENE	4	E	5	E	2	E	1	4	Ci.	S.-Cu.	5	A.-Cu. ENE	Cu.-N.
3	NW	0	NW	1	E	1	E	1	E	4	E	3	4	Ci.	S.-Cu.	6	A.-Cu.	Cu. NE
4	NE	1	NW	0	NE	1	ESE	5	ESE	3	E	0	6	Ci. SE	S.-Cu.	8	A.-Cu. NE	Cu. E
5	ENE	0	Calm	----	ENE	1	E	5	E	3	E	1	3	Ci.	S.-Cu.	6	A.-Cu. NE	Cu. E
6	NE	0	NW	1	E	4	E	4	E	4	E	1	6	Ci. SE	S.-Cu. E	6	Ci. SW	Cu.-N.
7	NNW	0	NW	1	ENE	1	ESE	5	ESE	2	E	1	3	Ci.	S.-Cu. E	4	A.-Cu.	Cu.-N. E
8	NNW	0	NNW	1	E	2	E	1	ESE	4	ESE	1	3	Ci.	S.-Cu.	6	A.-Cu.	Cu.-N. E
9	NE	0	NE	1	E	3	E	4	E	2	NE	1	2	Ci.	Cu.	5	A.-Cu.	Cu. E
10	NNW	0	NW	1	E	1	NW	1	SSW	1	NW	1	2	Ci.	Cu.	6	A.-Cu.	Cu.-N. NE
11	NW	1	NW	1	ESE	1	ENE	2	ESE	1	SSE	1	3	Ci.	S.-Cu.	5	A.-Cu.	Cu. ENE
12	NE	1	NW	1	SSE	1	ESE	1	SE	1	NNW	1	5	A.-Cu. E	S.-Cu.	6	A.-Cu.	Cu.-N. ESE
13	NW	0	NNW	1	ESE	2	E	3	E	2	E	1	5	Ci.	S.-Cu.	7	A.-Cu. NE	Cu.-N. ESE
14	WNW	0	WNW	1	E	1	E	2	E	1	NE	1	3	Ci.	S.-Cu.	5	A.-Cu.	Cu. E
15	NW	0	NW	1	NW	1	ENE	1	E	1	ENE	1	3	Ci.	S.-Cu.	7	A.-Cu. E	N.-cf. NE
16	NW	1	NW	1	ESE	2	ESE	1	ESE	2	NNW	1	5	Ci.	S.-Cu.	5	A.-Cu.	Cu. E
17	NW	0	WNW	1	NE	1	NNW	1	NNW	1	NNW	1	3	Ci.	S.-Cu.	5	Ci. S	Fr.-Cu. E
18	NW	0	NNE	1	NNW	2	NNW	2	NNW	1	NE	1	6	Ci.-S.	S.-Cu.	6	A.-Cu.	Cu.-N. NNW
19	NNE	0	ENE	1	NNW	1	NW	1	NNE	2	NNE	0	7	Ci. S	S.-Cu.	8	Ci.	Cu. NE
20	NE	0	ENE	1	NE	1	ESE	2	SSE	1	NW	1	10	Ci.-S.	N. NE	5	A.-Cu.	Cu.-N. SE
21	NW	0	NW	1	N	1	NW	1	SSW	1	SSW	0	9	Ci.-S.	N. W	7	Ci.-S.	Cu.-N.
22	NW	1	NW	1	ESE	3	ENE	2	E	3	NNW	1	8	Ci.-S.	Cu. SW	7	Ci.-S. SE	Cu.-N.
23	NW	1	Calm	----	ENE	1	NE	2	ESE	2	E	1	7	Ci.-S. S	S.-Cu. ENE	7	A.-Cu. SE	Cu. E
24	NE	0	NE	1	NE	1	NNE	1	SE	1	Calm	----	10	Ci.-S.	N. E	10	Ci.-S.	N. ESE
25	NW	1	Calm	----	ESE	1	SSW	1	S	1	SE	1	10	Ci.-S.	S.	10	Ci.-S.	N. SSW
26	SW	0	SW	1	WSW	1	WSW	1	SE	1	WSW	0	7	A.-Cu.	S. SW	7	Ci.	Cu.-N. SW
27	SE	0	SE	1	SE	1	ENE	1	NNE	0	NW	1	6	Ci. SW	N. S	6	Ci.-S.	Cu. SE
28	NW	0	WNW	1	E	2	E	2	E	2	E	1	4	Ci.	S.-Cu.	4	Ci.	Cu. E
29	NW	0	NW	1	ENE	1	E	3	E	2	E	1	2	Ci.	Cu.	4	A.-Cu.	Cu.-N. ESE
30	NNE	1	NNE	1	E	2	ESE	3	ESE	3	ENE	0	7	Ci.	S.-Cu. SE	5	A.-Cu. E	Cu.-N.
Mean	------	0.3	------	0.8	------	1.6	------	2.2	------	1.9	------	0.9	5.2	------	------	6	------	------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

MAY, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.10	59.76	60.42	57.74	57.29	59.19	23.6	23	30.4	32.9	29.5	26.2	33.1	22	91	91	61	49	61	78	------
2	58.47	59	59.21	56.27	56.75	58.90	25.2	23.2	31	33.6	30.1	26.1	35	22.7	84	92	58	52	69	83	1.5
3	58.20	58.35	59.11	56.35	56.46	58.92	25	23.5	31.2	33.2	30.1	27.7	34.4	23	92	96	60	51	56	68	------
4	58.61	59.07	58.72	56.72	57.10	59.27	25.4	23.6	31.6	32.6	30	27.1	34	23.1	84	95	56	47	58	76	------
5	58.21	58.67	58.81	56.30	56.73	58	26.2	24	31	34	29.9	26.6	34.2	23.4	81	91	56	50	62	82	2
6	56.67	56.70	57.06	54.10	55.20	55.85	25	23.5	31.6	34.7	24.9	24.5	35.2	23	92	95	65	51	89	94	11.2
7	54.78	54.33	55.27	53.06	53.88	55.33	25	24.3	30.7	33.4	28.4	26.9	34.1	24	88	96	70	52	70	77	------
8	54.16	55.14	56.07	54.36	54.69	56.72	25.8	25	31.3	34	29.5	25.5	34.6	24.9	82	87	63	50	70	91	------
9	56.11	56.58	56.96	54.67	54.70	57	24.6	23.8	30.6	34	30.6	26.4	34.3	23	91	92	64	48	62	83	------
10	56.71	57.22	57.66	55.20	55.26	57.46	25.7	25.4	30.9	35	32	28.2	35.2	24.5	86	84	60	47	57	72	------
11	57.15	57.80	59.07	56.46	56.02	57.54	27.6	26.5	29.5	31.6	30.4	27.5	34.1	25.5	76	81	78	59	68	84	------
12	57.21	58.10	58.41	56.34	56.89	58.98	26.5	23.8	32.4	34.2	27	25.8	35.5	23.5	88	93	58	48	86	93	5.6
13	58.11	58.05	58.13	55.30	55.71	57.91	26.4	24.6	29.8	34.5	29.6	25.7	35.7	24	93	95	71	54	70	94	46.5
14	57.64	57.91	58.42	56.05	56.18	57.82	24.8	25.2	31	31.4	28	26.2	33.3	24.5	93	94	76	66	79	90	------
15	57.62	58.19	58.81	56.37	56.66	58.06	26	24.5	30.4	34.5	27.8	25.4	34.7	23.8	90	96	65	54	79	93	.8
16	57.97	58.52	58.83	56.25	57.30	58.13	25.2	25.4	31	34.4	27.1	26.2	34.9	24.5	92	92	71	52	82	90	------
17	57.97	58.54	58.57	56.45	56.81	58.29	25.5	24.4	32	34	29	26	34.7	23.6	92	91	62	51	78	92	1.8
18	58.21	58.41	58.67	56.74	58.05	59.19	25.6	24.5	31.6	34.4	29.5	26	34.8	24	92	92	65	50	68	87	------
19	58.27	58.34	59.03	56.75	57.24	60	25.4	24.4	31.8	34.6	30	26.4	35.2	23.1	88	92	66	54	71	85	------
20	59.21	59.74	60.34	57.97	58.34	61	25	24.4	31	32.9	30.6	24.6	33.9	23.7	92	92	68	64	68	90	------
21	59.60	59.73	60.07	58.14	58.58	60.33	24.1	24.1	32	33	29.2	27	34.7	22.8	91	91	63	57	74	86	------
22	59.30	59.51	59.43	56.75	57.07	58.90	24.8	23.7	30.5	35.3	27	26	35.9	23.5	93	97	68	50	79	88	------
23	57.57	57.27	57.92	55.71	56.41	57.93	25.2	24.3	31.4	33.3	28.5	26.2	33.7	23.5	90	94	66	58	77	89	1
24	57.77	56.36	56.65	55.63	56.31	57.40	25.6	24	27.7	29.6	27	24.7	30.6	23.6	91	96	80	74	84	94	45.5
25	56.31	56.16	57.16	55.14	55.35	56.66	24	24	24.3	27.2	26	24.9	28.2	23.5	96	96	94	84	89	93	38.1
26	56.04	56.36	56.74	55.82	56.34	56.90	24.3	24	26.9	28.8	26.8	25.6	30.1	23.7	94	96	88	80	86	91	2
27	56.42	56.31	57.65	55.56	55.54	57.26	25	24	27	29.8	27.2	24.8	30.4	23.6	92	96	87	75	87	93	13.4
28	56.52	56.30	57.20	56.14	56.96	58.87	24.4	24.4	25.5	25.4	25	24	30.2	23.6	95	95	92	93	92	97	31.7
29	56.98	57.43	58.61	57.75	59.04	59.76	23.8	23.5	27.5	27.8	25	24	30	23.2	95	96	82	86	93	97	8.4
30	58.21	58.11	59.46	57.58	58.17	58.96	23.8	23.6	29.7	32	27	25.6	32.7	23.2	97	97	77	61	88	95	1.3
31	58.74	58.31	59.09	56.53	57.62	59.15	25.2	24	30.9	33.6	26.4	25.2	34.2	23.4	94	95	72	56	89	95	2.8
Mean	57.54	57.75	58.31	56.14	56.60	58.25	25.2	24.2	30.1	32.6	28.4	25.9	33.6	23.6	90.2	93.1	69.7	58.8	75.5	87.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	213.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NW	1	NW	0	NE	1	ESE	2	E	2	NW	1	3	Ci.	S.-Cu.	4	Ci.-S.	Cu.-N.
2	NW	1	NE	1	NE	2	NE	1	ESE	1	SSW	1	5	Ci.	S.-Cu. ESE	7	A.-Cu.	Cu.-N. E
3	NE	1	NE	1	NE	1	ENE	1	E	2	SE	1	4	Ci.	S.-Cu.	7	A.-Cu.	Cu.-N. NE
4	NE	1	NE	1	NE	1	ENE	2	E	2	NW	1	5	Ci.	S. NE	5	A.-Cu.	Cu. E
5	NW	1	NW	1	NNW	1	NE	1	ENE	2	NNW	1	5	Ci. SE	Cu.	7	Ci. SE	Cu. NE
6	NNW	0	NNW	1	WNW	1	NW	1	WNW	1	Calm	----	6	Ci. SE	S.-Cu.	8	Ci.-S. SE	Cu. NW
7	WSW	1	Calm	----	WNW	1	WNW	3	WNW	3	WSW	2	10	Ci.-S.	S.-Cu. NW	7	Ci.-S. E	Cu.-N.
8	SW	1	SW	1	WSW	1	WNW	2	NW	3	NE	1	9	Ci. N	S.-Cu. WSW	8	Ci.-S.	Cu. W
9	NW	0	WSW	1	NW	1	WNW	1	NW	2	NE	1	8	Ci.	S. NW	7	Ci.	Cu. NW
10	NE	1	Calm	----	NNW	1	NW	2	NW	1	NW	1	9	Ci.-S.	S.-Cu. NW	5	Ci.	Cu. NW
11	NW	0	S	1	ESE	1	E	1	E	1	NW	1	7	A.-Cu.	S.-Cu. W	8	A.-Cu. NE	Cu.-N. SE
12	NW	0	NW	1	ESE	1	SE	1	NNW	1	ENE	1	5	Ci.	S.-Cu.	7	A.-Cu.	Cu. SW
13	NW	1	NNW	1	E	1	ESE	1	SW	2	SW	1	6	A.-Cu.	S. NE	6	A.-Cu.	Cu.-N. E
14	SE	0	ESE	1	NW	1	E	3	NE	2	NW	1	8	Ci.	N. NNE	7	Ci.-S.	Cu.-N. E
15	NW	1	NNW	1	E	1	SSW	1	WSW	2	E	1	5	A.-Cu.	S.-Cu.	5	A.-Cu.	Cu.-N.
16	NE	0	ENE	1	NNW	1	NW	1	SSW	1	NW	1	10	Ci.-S.	N. NW	6	A.-Cu.	Cu. NW
17	NW	1	NW	1	W	1	SW	1	SW	1	WSW	1	5	Ci.	S.-Cu. WNW	5	Ci.	Cu. W
18	W	0	NW	1	SW	1	SSW	1	SW	1	NW	1	6	Ci. NE	S.-Cu. WNW	5	Ci.-S.	Cu.-N. W
19	NW	1	NW	1	S	1	SSW	2	SSW	2	E	1	5	Ci.	S.-Cu.	6	Ci.-S.	Cu. S
20	E	0	E	1	W	1	SSW	1	SSW	1	NE	2	7	Ci. NE	S.-Cu.	7	Ci.-S.	Cu.-N. SW
21	NE	0	NE	1	ESE	1	SSW	2	SSW	1	SW	1	5	Ci.	S.-Cu.	8	Ci.-S.	Cu. S
22	Calm	----	ESE	1	SSE	0	SSW	1	ESE	1	ESE	1	8	Ci.	S. S	6	Ci.	Cu. S
23	ESE	1	ESE	0	SE	1	S	2	SW	1	SSW	1	8	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. S
24	SSW	0	Calm	----	SE	1	SSW	1	SSW	2	S	2	10	Ci.-S.	N. S	10	Ci.-S.	N. S
25	S	2	S	2	SSE	2	SSE	4	SSW	2	SSW	2	10	Ci.-S.	N. SSE	10	Ci.-S.	N. SSE
26	SSW	2	SSW	2	SSW	3	SW	1	SSW	2	SSW	1	10	A.-S	N. SW	10	A.-Cu.	N. SW
27	SW	1	SW	1	SW	2	SW	3	SW	2	SW	2	7	A.-Cu. W	S.-Cu. SW	7	Ci.-S.	Cu. SW
28	SSW	2	SW	1	SSW	2	SSW	2	SSW	2	SSW	2	10	A.-S.	S.-Cu. SW	10	A.-S.	N. SW
29	SSE	1	SE	1	SSW	1	SSW	3	SSE	1	SE	1	6	A.-Cu.	S.-Cu.	10	Ci.-S.	N. S
30	Calm	----	WNW	1	SSW	1	SSW	2	SSW	2	SSE	1	6	Ci. W	S.-Cu.	7	Ci.-S.	Cu.-N. S
31	ESE	0	NNE	1	SE	1	SSW	1	SE	1	NW	1	7	Ci. NW	S.-Cu.	5	Ci.	Cu.-N. SE
Mean	------	0.7	------	0.9	------	1.2	------	1.6	------	1.6	------	1.2	6.9	------	------	7	------	------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, −1.69 mm.]

JUNE, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.91	58.25	58.09	56.37	56.94	58.97	24.6	24.4	30.1	34	25.2	25.8	34.2	23.6	95	97	71	59	88	93	0.8
2	57.64	57.70	58.48	56.22	56.17	58.87	25.7	25	30.6	34	29.5	26.2	35	24.1	94	94	71	56	73	87	7.6
3	57.74	58.05	58.12	55.76	56.13	58.01	25.2	25	30	33	29.6	26.6	33.7	24	90	94	67	55	79	87	------
4	57.14	57.13	57.31	55.66	55.97	57.89	24.6	24.1	31.2	32.1	30.1	25.7	32.6	23.2	93	92	62	53	58	80	------
5	57.01	57.72	58.61	57.51	57.87	59.09	23.9	23.5	30.5	31.1	29	27.4	31.6	22.9	92	91	63	64	74	74	------
6	58.51	59.35	59.67	57.79	57.97	59.45	24.6	25.1	31.1	33	29.9	26.8	33.6	23.4	91	91	64	48	56	72	------
7	59.02	59.12	59.43	57.55	57.90	59.37	24.6	24.6	32.6	34.5	30.2	27	35.3	23.1	87	90	62	52	73	80	------
8	59.09	59.21	59.28	57.49	58.05	59.31	26.8	25.4	31.9	33.6	26.9	24.8	34.3	24.5	82	92	60	54	77	90	------
9	59.04	59.22	59.16	56.71	57.34	59.43	24.5	25.2	31.2	32.3	28.9	26.8	33.4	23.4	90	90	61	56	80	89	2
10	58.89	59.16	59.47	58.15	58.22	59.83	26.2	24.5	31.7	32.9	30.5	27.4	33.7	24	90	96	59	51	61	76	------
11	59.84	60.04	60.38	59.27	59.54	60.58	25.4	24.8	31.8	30.8	30.5	27.5	33.4	23.5	88	89	58	59	60	77	------
12	59.84	60.04	60.53	59.98	59.90	60.71	26.4	25.3	30.1	25.9	26.8	25.2	31.6	24.5	84	89	65	86	90	92	6
13	59.84	59.48	59.47	57.45	57.80	59.12	24	23	31.5	33.2	30.2	27.7	33.8	22.5	93	95	63	53	60	79	------
14	58.65	58.83	59.43	57.65	57.58	59.03	26.6	26.5	31.1	32.5	30.4	27.6	32.9	24.5	86	86	61	54	64	80	------
15	58.50	59.25	59.60	57.05	57.05	58.70	25.8	26.4	30.3	34.2	31.5	28.3	34.4	25.4							------
16	58	58.50	59.03	57.78	57.98	59.33	25.6	26.4	31	30.5	29.5	26.8	33.1	23.9	91	81	65	68	62	78	------
17	58.74	58.71	59.17	57.86	57.73	59.23	24.3	24.3	31.4	30.7	29	25.3	32.3	22.9	89	86	63	59	64	85	------
18	58.01	58.07	58.92	57.10	57.77	59.26	23.6	23.5	31.1	32.4	28.7	25.3	33.4	22	90	90	59	54	68	93	3
19	58	58.31	59.07	57.07	57.19	58.74	24.7	25	31.1	32.5	29.4	27.3	33.2	23.4	92	92	62	52	64	76	------
20	58.01	58.14	58.32	56.55	56.84	58.32	25.2	24.9	31	32.4	29.3	27.6	32.9	23.6	90	90	59	51	65	73	------
21	57.69	57.96	58.32	56.68	57.37	59.26	25.5	25.5	29.8	30.7	28.6	25.9	31	24	88	88	66	61	66	83	------
22	58.59	58.81	59.43	57.48	57.12	58.80	24.4	24.5	29.2	31.4	29.3	27	31.9	23.1	90	90	68	56	64	77	------
23	57.64	57.61	58.68	56.84	56.45	57.77	25.2	24.4	26.1	27.4	27.9	25.8	29.2	23.2	86	88	87	81	71	87	4.8
24	56.86	57.13	57.43	55.61	55.74	57.67	24.5	24	30	32	29	24.9	32.7	23.9	95	97	68	57	71	87	1.3
25	56.70	56.66	57.41	55.89	56.27	58.23	24	23.3	28.4	31.7	28.9	25.3	32.2	22.9	91	93	75	59	69	88	------
26	57.26	56.97	57.05	55.04	56.40	57.91	23.8	23.5	31.9	30.6	27.8	24.5	34.7	22.5	93	94	61	62	76	92	------
27	56.71	56.55	57.74	55.74	56.35	57.48	24	24.4	27.2	28.5	23.8	23.7	29.7	23.4	91	91	79	76	97	96	8.9
28	56.92	57.15	57.63	56.08	57.16	57.91	23.8	23.6	29.5	30.5	24	24.3	31.8	23.3	96	97	74	67	95	95	13
29	57.16	57.47	57.27	55.72	56.79	58.16	23.8	23.4	31	28.2	25.6	24	32.6	22.5	95	95	64	80	92	92	23.9
30	57.26	57.08	57.68	56.46	57.09	57.90	23.8	23.5	29.1	31.5	27	26	32.5	23	96	97	74	59	81	90	.3
Mean	58.07	58.26	58.67	56.95	57.29	58.81	24.8	24.6	30.4	31.6	28.6	26.2	32.9	23.5	90.6	91.6	65.9	60.1	72.3	84.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	71.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NW	1	Calm	----	ENE	1	SE	2	ESE	1	W	1	6	A.-Cu.	S.-Cu.	7	Ci.-S. NE	Cu.-N. SE
2	NW	1	ENE	1	SSW	1	SW	1	ESE	1	SE	1	7	Ci.-S. NNE	S. E	6	Ci.-S.	Cu.-N. SE
3	NE	1	NW	1	E	2	E	3	SE	1	ENE	1	6	Ci.	S. NW	6	Ci.	Cu. E
4	NE	1	NNE	1	E	2	ESE	4	ESE	4	NE	1	5	Ci.-Cu.	Cu.	5	Ci.-Cu. NE	Cu.
5	NNW	1	NNW	1	E	3	E	3	E	2	E	1	6	Ci.-S.	S.-Cu. SE	6	Ci.-S.	Cu. E
6	NW	1	NW	1	E	2	SE	3	E	1	E	1	4	Ci.	Cu.	4	A.-Cu.	Cu.
7	NE	1	NW	1	NE	1	SE	1	SE	1	NW	1	3	Ci.	Cu.	6	Ci.	Fr.-Cu. SE
8	NNW	1	NNE	1	ENE	1	ESE	2	E	1	NW	1	5	Ci. NE	Cu.	7	Ci. NE	Cu. ESE
9	NNE	1	E	1	ESE	2	ESE	3	ESE	1	NW	1	6	Ci. NE	S.-Cu.	6	Ci.-S.	Cu. SE
10	NE	1	NNW	1	ESE	2	ESE	3	ESE	2	ENE	1	6	Ci.	S. N	5	A.-Cu.	Cu. SE
11	NE	1	NE	1	ESE	1	SE	4	ESE	3	E	2	3	Ci.	Cu. E	6	Ci.-S. S	Cu.-N.
12	NW	1	Calm	----	E	3	E	1	Calm	----	NNE	1	7	A.-Cu.	N. E	9	Ci.-S.	N. E
13	NW	1	NNW	1	NNW	1	ESE	3	SE	3	SE	1	2	Ci.	Cu.	5	Ci.-S.	Cu. E
14	NE	1	NNW	1	E	3	E	3	E	4	E	1	3	Ci.	S.-Cu.	5	Ci.-S.	Cu. SE
15																		
16	NE	1	NNE	1	NE	2	SE	1	ESE	1	ESE	1	4	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. E
17	NNW	1	NNW	1	ESE	1	SE	3	SE	2	NNW	1	5	Ci.-S.	Cu. E	8	Ci.-S.	N. ESE
18	NW	1	NW	1	NW	1	E	4	ESE	4	NW	1	5	Ci.	Cu.	7	Ci.-S.	Cu. E
19	NW	1	Calm	----	E	2	E	4	E	4	E	2	7	A.-Cu.	N. E	4	Ci.	Cu.-N.
20	NW	1	NW	1	E	2	ESE	4	ESE	3	SE	2	7	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu. E
21	NNW	1	NNW	1	ESE	2	ESE	4	E	3	NE	2	8	Ci.-S.	S.-Cu. ESE	8	Ci.-S.	Cu. E
22	ESE	1	SE	1	ESE	1	ESE	3	ESE	1	SE	1	8	Ci.-S.	N. SE	9	Ci.-S.	Cu. E
23	SE	1	S	1	NNE	1	ENE	1	ENE	1	NNW	1	7	Ci.-S. SE	S.-Cu.	10	Ci.-S.	N. E
24	NNE	1	NE	1	ESE	1	ESE	3	ESE	1	SE	1	7	Ci.-S.	N. E	6	Ci.-S. SW	Cu. ESE
25	SW	1	Calm	----	SE	1	SSE	3	ESE	2	Calm	----	8	Ci.-S. S	N. SE	7	Ci.-S.	Cu. SE
26	SSW	1	SSE	1	SSE	1	E	3	NW	3	NNW	2	4	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. SE
27	Calm	----	Calm	----	S	1	NW	1	SSE	2	ESE	1	10	Ci.-S.	N. SSW	10	Ci.-S.	N. SW
28	SE	1	SE	1	SSE	2	SSW	4	ESE	2	SSE	1	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	N.-cf. S
29	SSE	1	S	1	SE	1	SE	2	SSW	1	SE	2	8	Ci.-S.	S.-Cu.	9	Ci.-S.	N.-cf. S
30	ENE	1	Calm	----	SSE	2	SSE	3	SE	1	SSE	1	8	Ci.	S.-Cu. S	9	Ci.-S.	Cu.-N. S
Mean	-------	1	-------	0.8	-------	1.6	-------	2.7	-------	1.9	-------	1.2	6	-------	-------	6.9	-------	-------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, −1.69 mm.]

JULY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.90	57.31	57.56	56.49	57.50	58.37	25	24.8	27.3	28.2	25.4	23.5	29.7	23.2	92	90	81	80	92	96	8.1
2	56.96	57.23	57.68	56.24	57.01	58.43	23.4	23.3	29.2	30.3	24.8	24.5	31.3	23	97	96	70	70	91	94	4.6
3	57.21	58.05	57.78	56.32	57.25	57.90	23.8	23.9	30.2	32	23.9	23.7	32.7	22.4	94	92	69	63	95	96	8.4
4	57.58	57.03	58.03	56.23	56.63	59.41	23.6	23	29.4	31.7	28.5	26	32.2	22.9	96	97	74	62	77	85	.5
5	58.66	58.68	59.59	58.42	58.82	60.85	25	24.4	29.9	33	29.5	25.5	33.3	23.9	92	91	71	55	73	94	------
6	60.31	60.61	60.99	58.93	59.08	61.28	25.2	24.2	31	33.7	29.7	27.6	34	23.4	95	96	63	54	73	85	------
7	60.07	60.35	60.65	58.39	59.62	62.04	25.2	25.4	32	34.5	27.2	24	34.8	23.8	92	91	65	52	81	96	20.8
8	60.52	59.55	60.09	58.22	58.45	59.40	23.2	22.4	29.4	33	27.5	24.8	33.3	21.5	96	96	75	60	70	92	------
9	58.76	58.48	58.92	57.55	57.50	59.28	24.2	23.7	29.5	25.5	28.2	26.1	33.5	23.2	91	94	73	88	76	91	1
10	58.59	58.40	58.69	57.32	57	59.14	25.1	24	29.8	31.4	27.7	25.8	32.6	23.5	92	94	71	63	85	93	2.5
11	58.27	58.04	58.29	56.51	57.68	59.11	25	24.5	29.7	33	25.5	24.5	34	23.6	93	96	69	57	84	92	------
12	58.15	58.37	58.18	56.43	57.05	58.17	24.6	24.8	29.4	33.4	22	23.5	33.7	22	92	92	71	56	98	96	29.8
13	56.82	57	56.95	55.39	55.58	56.38	23.2	23.8	29	32	24.8	24.5	32.5	22.9	97	97	78	65	89	92	1.5
14	55.28	55.40	55.05	54	55.25	56.40	23.8	23.5	29.5	26.5	23.6	23	31.2	23	95	96	77	86	97	97	15.7
15	55.20	55.36	56.16	55.59	55.60	57.07	23	23.4	26.7	24.1	24.2	23.6	30.3	22.9	97	97	75	91	93	95	5.1
16	56.16	56.41	56.83	55.44	56.17	57.47	23.2	22.6	26.5	28.4	24	23.5	29.7	22.5	97	97	82	77	94	96	5.8
17	56.38	56.74	58.56	56.76	57.01	58.55	23.4	22.6	23.6	25	25	23.5	26.6	22.5	97	97	95	90	88	96	2.8
18	57.63	58.33	59.06	57.61	57	58.31	23.2	22.5	28.8	30.8	28	26.6	31.3	22.1	97	96	79	70	81	83	------
19	57.12	57.83	58.07	56.60	56.88	58.25	24.2	22.8	30.1	32.6	29.6	25	32.7	22	94	97	69	54	61	88	------
20	57.39	57.70	58.81	57.97	57.60	59.07	24	23.2	24.2	23.7	23.5	22.7	25.9	22.3	94	97	93	94	91	95	12.7
21	59.24	59.98	60.53	59.35	58.88	60.59	22.2	22	24	29.8	28.5	26.5	30.7	21.5	96	96	94	66	70	80	1.3
22	59.76	59.48	59.58	58.19	58.27	59.08	24.5	23	30.5	31.4	28.9	26.6	33.3	22.6	92	95	65	60	69	90	.3
23	58.14	57.56	57.92	56.39	56.59	57.53	25	24.5	30.5	28.8	28.5	25.5	33.4	23.9	92	94	68	79	79	93	.3
24	55.94	55.96	56.90	55.43	54.95	57.43	24.8	24	30.7	33.4	32	23.4	34.6	22.5	92	96	67	54	66	90	24.6
25	55.90	56.31	57.07	55.43	55.11	57.51	23.6	22.7	29.8	33.7	32	24.9	34.3	21.7	95	95	73	57	63	85	------
26	56.69	57.41	58.02	55.98	56.59	58.04	24	23.7	31.1	32.3	26.6	25	34.3	23	93	94	67	59	87	95	12.7
27	57.54	57.98	58.37	56.32	56.29	57.50	24.2	24	30.4	33.5	28.5	26.3	34.3	23.7	95	96	73	60	74	90	------
28	57.07	57.36	57.50	55.76	55.95	57.08	25.2	24	30.4	33	28	26	33.7	23	92	96	69	57	83	94	1.5
29	56.34	56.41	56.99	55.32	55.20	56.94	24.4	23	29.4	32.5	26.6	26	34	22.6	95	97	77	55	90	92	9.9
30	56.07	56.54	57.15	55.82	56.64	58.45	25.4	24.5	31	31.5	28.2	25.5	32.3	24.2	93	96	72	68	79	91	------
31	58.03	58.18	59.04	56.49	57.45	58.99	25	23.8	29.4	32	24.4	24.4	33	23.5	92	91	72	66	91	90	8.4
Mean	57.57	57.74	58.23	56.67	56.99	58.52	24.2	23.6	29.1	30.8	26.9	24.9	32.4	22.9	94.1	95	74.1	66.7	81.9	91.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	178.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
													Amount.	Form and direction.		Amount.	Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	1	SSE	1	SSE	1	S	1	ESE	1	SSE	1	10	Ci.-S.	N. S	10	A.-S.	N. SSW
2	SSE	1	SSW	1	SSW	2	SSW	3	ESE	2	SSW	1	10	Ci.-S.	S.-Cu. S	7	Ci.-S.	Cu.-N. S
3	SE	1	ESE	1	SSE	1	SSW	2	ESE	2	SE	1	8	A.-Cu. SW	S.-Cu. S	7	A.-Cu.	Cu.-N. S
4	SSE	1	SSW	1	SSE	2	SE	2	SSE	1	SE	1	10	Ci.-S.	S. S	6	Ci.-S.	Cu. SSE
5	SE	1	ESE	1	S	1	SSW	3	SSW	1	NE	1	9	Ci.-S.	S.-Cu. SE	7	Ci.-S.	Cu. SW
6	NE	1	NE	1	NE	2	NE	1	Calm	----	NE	1	4	Ci.	S.-Cu.	5	Ci.	Cu.-N.
7	SE	1	SE	1	NE	1	SE	1	NNW	3	NE	1	4	Ci.	S.-Cu.	5	Ci.	Cu.-N.
8	NW	1	NW	1	SW	2	SSW	1	SSE	2	NE	1	8	Ci.	S. NW	6	Ci.	Cu.-N. SW
9	SE	1	SE	1	SE	1	SW	1	WNW	1	WNW	1	4	Ci.	S.-Cu.	9	A.-Cu.	N. WSW
10	SSE	1	SSE	1	SE	1	SSW	1	Calm	----	ESE	1	7	A.-Cu. W	S.-Cu.	8	A.-Cu.	Cu.-N. WSW
11	E	1	ESE	1	ESE	2	WSW	1	NW	2	NE	1	3	Ci.	S.-Cu.	5	Ci.	Fr.-Cu. W
12	E	1	ESE	1	NW	1	NW	2	ESE	1	ENE	2	8	Ci.-S.	N.	6	Ci.	Cu.-N. W
13	ENE	1	ESE	1	NW	1	SW	2	SE	1	SE	1	8	Ci.-S.	S.-Cu.	8	Ci.	Cu. WNW
14	SE	1	NE	1	WNW	1	WNW	1	NNE	1	NNW	2	8	Ci.-S.	S.-Cu.	10	Ci.-S.	N. W
15	WNW	1	SW	1	SSE	1	WSW	3	Calm	----	SSE	1	10	Ci.-S.	N. WSW	10	A.-S.	N. W
16	SSE	1	SSE	1	WNW	1	WNW	1	Calm	----	SSE	1	10	Ci.-S.	S. SW	10	A.-S.	N. SW
17	SE	1	SSE	1	SSW	1	SSW	1	SSW	2	SSE	1	10	A.-S.	N. SW	10	Ci.-S.	N. SW
18	SSW	1	SW	1	SSE	2	SSE	1	SSW	1	SSW	1	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu. S
19	NE	1	NE	1	ENE	1	ESE	3	ESE	2	NW	1	6	Ci.	S. N	4	Ci.	Cu.-N. E
20	NNW	1	NNW	1	Calm	----	NNW	1	NNW	1	WNW	1	9	Ci.-S.	N. NE	10	A.-S.	N. NE
21	NE	1	E	1	Calm	----	E	3	ESE	2	E	2	7	Ci.-S. NE	S.-Cu. ESE	7	Ci. NE	Cu.
22	NW	1	NW	1	NE	1	ESE	2	SE	1	SSE	1	3	Ci.	S.-Cu.	7	Ci.-S. NE	Cu. E
23	SE	1	SE	1	ESE	1	ESE	2	Calm	----	NE	1	4	Ci.	S.-Cu.	8	Ci.-S.	N. ESE
24	NNW	1	NNW	1	E	1	NNE	1	WSW	2	NE	2	6	Ci.	S. N	6	Ci.	Cu. NE
25	NE	1	ENE	1	NE	1	SSW	2	ESE	1	NW	2	3	Ci.	S.-Cu.	5	Ci.	Cu.-N.
26	NE	1	ESE	1	WSW	1	WSW	1	WSW	2	ESE	1	7	A.-Cu.	Cu. SE	5	A.-Cu.	Cu. W
27	NE	1	Calm	----	SW	1	SW	2	WSW	1	WNW	1	6	Ci.	Cu. NE	6	Ci.-S.	Cu. WSW
28	NW	1	Calm	----	WNW	1	WSW	2	WSW	1	Calm	----	7	Ci.	S. NW	5	Ci. SE	Cu. WNW
29	NE	1	NE	1	WNW	1	WSW	2	SW	2	WNW	1	7	Ci.	S. NE	5	Ci. SE	Cu. W
30	SE	1	Calm	----	SW	2	SW	4	SW	4	SSE	2	5	Ci. SE	Cu. WSW	8	Ci.-S.	Cu.-N. SW
31	SSE	1	SSE	1	SW	1	SW	2	SW	1	SW	2	10	Ci.-S.	S.-Cu. SW	7	Ci.	Cu. WSW
Mean	-------	1	-------	0.9	-------	1.2	-------	1.8	-------	1.3	-------	1.2	7.1	-------	-------	7.1	-------	-------

SAN ISIDRO.

[φ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, −1.69 mm.]

AUGUST, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.83	58.06	58.60	56.80	56.77	58.36	23.8	23.7	25.9	29.9	27.7	25.4	30.9	23.3	95	95	85	68	78	82	------
2	56.86	56.48	57.28	56.10	56.20	57.42	24.4	24	29	26	24	24	30.9	23.5	91	95	74	88	97	97	15.2
3	56.82	56.66	56.99	55.45	55.85	57.40	23.4	22.7	29.4	29.5	25.5	25.3	31.2	22	97	97	74	75	91	92	2.3
4	57.03	57.20	57.71	55.87	56.02	58.32	24.2	24.4	29.6	32.5	29	27	32.7	23.2	91	92	72	60	78	86	------
5	57.77	57.36	58.19	56.38	56.46	58.10	25.6	24.6	29.9	33	29	26.7	33.7	24	93	97	74	61	78	90	------
6	57.77	57.71	57.93	56.18	56.41	58.41	26	25	30.5	32.3	30.2	24	33.6	23.2	92	96	72	66	71	90	2
7	57.80	56.78	57.43	56.80	56.38	58.35	24.5	24.6	30.4	27	26.8	26	33.6	23.5	95	95	73	87	86	92	1.3
8	57.06	57.08	57.46	55.72	56.27	57.92	25.1	24.3	28.8	32.5	25.5	24.8	33	24	94	93	76	59	90	93	.3
9	56.81	57	56.70	55.62	56.63	58.21	23.8	23	29.8	31.2	26.5	24.5	32.7	22.5	97	97	73	68	88	94	7.4
10	56.96	56.40	56.92	55.44	56.03	57.61	24.5	23.9	28.5	29.5	27.2	25.5	31.7	23.5	96	96	77	70	86	92	------
11	56.80	56.96	57.19	55.96	56.66	58.43	25.5	24.5	29.4	27.2	24.8	24	31.9	23.5	96	96	74	86	89	96	2.1
12	58.01	58.42	58.46	57.16	57.40	58.14	24.5	24	29	27.4	26	25.6	32.6	23.5	93	91	74	84	86	95	1.8
13	56.80	56.78	57.03	55	55.69	56.75	25	24	29.2	30.9	27.4	26	31.4	23.4	95	96	76	67	85	86	------
14	55.62	56.19	56.43	56.03	55.94	57.59	25	24.8	30.7	26	28	25.3	32.8	23.9	92	93	70	95	81	89	20.1
15	56.90	57.06	57.65	55.75	56.13	57.91	25	24	30	31.4	28.5	26	32.3	23.2	92	95	71	63	76	92	------
16	57.40	57.24	57.89	55.65	55.49	57.37	25.4	25.2	30.8	31.9	28.8	27.3	33.2	24.6	93	94	70	64	81	86	.3
17	56.45	57.14	57.70	55.61	55.83	58.14	26	24.6	29.2	33	29.9	26.4	33.3	24	94	95	78	57	79	89	------
18	57.77	58.02	58.37	56.17	55.87	58.19	25.8	24.8	31.1	34	32.1	25.6	34.2	22.5	92	93	69	55	66	93	16
19	57.81	57.75	58.24	56.01	57.02	58.25	25	25.5	30.8	34	27.2	25.8	34.7	24.6	93	92	72	53	85	91	.5
20	57.74	57.72	58.07	56.02	56.44	58.70	25	24.5	30.1	33.2	30	24.7	34.3	23.8	93	94	74	54	64	92	------
21	57.74	57.96	58.26	56.68	56.97	59.10	24.6	24.1	26.8	29.8	25.8	25	30.6	23.7	93	95	86	71	93	93	2.3
22	58.52	58.42	59.24	57.37	57.52	59.21	24.2	23.9	29.1	31	27	25	32.5	23.2	95	95	74	62	87	96	------
23	58.40	57.56	58.67	56.78	56.24	58.36	24.2	23.4	30.4	32.9	25	25.6	33.7	23	95	97	69	56	92	91	33.7
24	56.90	56.43	57.07	54.87	56.22	57.07	24.2	24.2	25	24.5	23.1	23.4	25.9	22.9	95	95	88	96	97	97	21.8
25	56.11	56.08	56.57	54.93	55.56	57.49	23	22.4	26.7	31.2	29	25	32	22	97	97	88	66	78	92	------
26	56.03	56.41	56.74	55.28	56.42	57.36	23.8	22.8	29	29.2	28.2	25.4	31.8	22.3	95	96	71	76	79	93	------
27	56.94	57.12	57.61	55.77	56.16	57.66	24.8	24	29.1	30.9	26.6	25.1	32.2	23.4	93	97	74	65	87	94	4.3
28	57.34	57.71	58.36	55.91	56.70	58.29	24.6	23.6	28	31.4	26.4	25.5	31.8	23.4	93	95	77	66	83	92	6.6
29	57.76	56.98	57.83	56.12	56.02	58	23.8	23.1	24.9	29.6	27.7	25.9	30.3	22.6	96	97	89	74	84	91	1.3
30	56.66	56.31	57.45	55.64	55.59	57.37	23.6	23.5	28	28.2	26.8	24.9	30.7	23	97	96	79	83	85	87	.8
31	55.76	55.60	56.33	54.70	54.84	56.72	24.4	23.5	28.8	26.7	27.2	25.5	29.8	23.2	91	96	76	83	86	94	1.8
Mean	57.17	57.12	57.62	55.93	56.25	57.94	24.6	24	29	30.3	27.3	25.4	32.1	23.3	94	95.1	75.8	70.3	83.4	91.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	141.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SW	1	SW	1	SSW	1	SW	1	SW	2	SSW	2	10	A.-S.	S.-cu. wsw	9	Ci.-S.NNE	Cu. WSW
2	SSW	1	SSE	1	SSE	3	SSW	3	SW	1	NW	1	7	Ci. ESE	S.-Cu.SSW	10	A.-S.	N. SSW
3	NNW	1	NNW	1	SSW	1	SSE	3	SSE	2	SSE	1	8	Ci. NE	S. NW	6	A.-Cu. W	cu.-N.ssw
4	SE	1	SE	1	SSE	2	SSE	3	SSE	2	SSE	1	4	Ci.	S.-Cu.	5	A.-Cu.	Cu. S
5	SSE	1	SSE	1	SSE	1	SSE	1	SSE	2	SSE	1	8	Ci.	S. S	7	Ci.-S.	cu.-N.ssw
6	SE	1	SSE	1	SSW	2	SSW	3	SSW	1	SSW	1	8	Ci.	S. SSW	7	Ci. E	Cu. S
7	SSW	1	SSW	1	SSW	1	WSW	2	ESE	1	SSW	1	6	Ci. E	Cu. S	9	Ci.-S.	N. SW
8	SSW	1	SSE	1	SSW	2	SW	2	WSW	1	NE	1	6	Ci.-S. NE	S.-Cu.	6	Ci. NE	Cu.-N.WSW
9	NNE	1	NNW	1	SSW	2	SSW	4	SSW	1	SSW	1	7	Ci.	S.-Cu. SW	8	Ci.-S. NE	N. SW
10	SSW	1	SSW	1	SSW	2	SSW	4	SW	1	NE	1	5	Ci. NE	S.-Cu.	10	Ci.-S.	N. SW
11	SSW	1	SSW	1	SSW	3	SSW	4	NNE	2	NW	1	10	A.-S.	N. SSW	9	Ci.-S.NNE	N. SW
12	SSE	1	SSE	1	SSE	1	SSW	1	SSE	1	SSE	1	8	A.-Cu. SW	N. WSW	7	A.-Cu. SW	N. WSW
13	SE	1	SSE	1	SSW	1	SSE	2	NW	1	SSE	2	5	Ci.	S.-Cu. SW	5	A.-Cu. SW	Cu. WSW
14	SSW	1	SSE	1	SSW	2	SW	2	SSW	2	SSE	1	3	Ci.	S.-Cu.	10	A.-S.	N. SW
15	NNE	1	NNE	1	SSW	2	SSW	3	SSW	3	SSW	1	5	Ci.	S. NE	6	A.-Cu. W	Cu.-N. sw
16	SSW	1	SSW	1	SSW	2	SE	1	SE	1	SSE	1	5	A.-Cu.	S.-Cu. SW	8	A.-Cu. SW	Cu.-N. SE
17	SW	1	WSW	1	SSE	1	SSE	2	SE	1	SSW	1	5	Ci.	Cu. SW	5	Ci.-S.	Cu.-N. SE
18	SSE	1	SSE	1	NE	1	SSE	2	SSE	1	SSW	1	7	Ci.	S.-Cu. SSE	5	A.-Cu.	Cu.-N. SE
19	SW	1	Calm	----	NE	1	SSE	1	SSW	1	NNW	1	9	Ci.	S.-Cu. NW	6	Ci. E	Cu.-N.
20	WNW	1	SW	1	NW	1	ENE	1	ENE	3	NW	1	6	Ci.	Cu.	6	Ci. NE	Cu.-N.
21	NNE	1	Calm	----	ENE	1	ENE	1	SSW	1	SSW	1	9	Ci. NE	S.-Cu.	10	Ci.-S.	Cu. ENE
22	SSE	1	SSE	1	SSW	2	SSE	2	SSE	2	NNW	1	5	Ci. NW	S.-Cu.	8	Ci.-S.	N. SSE
23	NW	1	SW	1	NNE	1	NE	1	SW	1	WSW	1	7	Ci.	S.-Cu.	7	Ci.	Cu.-N.NE
24	WNW	1	WNW	1	NNE	1	NNW	3	ENE	2	ENE	1	10	A.-S.	N. NW	10	A.-S.	N. ENE
25	NE	1	NW	1	NW	1	SW	1	SSW	1	NNE	2	8	Ci. ESE	S.-Cu. NW	7	Ci.-S.	Cu.-N.
26	NE	1	NNE	1	SE	1	NNW	4	SE	1	SE	1	7	Ci. ENE	S. N	7	Ci.	Cu.-N. W
27	NE	1	NE	1	NW	1	NW	2	SSE	1	ESE	1	9	Ci.	S. NE	8	Ci. NE	Cu. W
28	NNW	1	Calm	----	NNW	1	NW	2	NNW	2	NNW	1	9	Ci.-S.	S.-Cu.	7	A.-Cu. NW	Cu. W
29	NW	1	WSW	1	Calm	----	WNW	2	WNW	1	SW	1	8	Ci.-S.	S.-Cu. SW	8	A.-Cu. NW	Cu. W
30	SW	1	WSW	1	SSW	2	SW	3	SW	2	SW	1	10	Ci.-S.	S.-Cu. SW	10	Ci.-S. NE	N. SW
31	SW	1	SW	1	SW	3	SSW	3	SSE	2	SSE	1	10	Ci.-S. NE	N. SW	10	A.-S.	N. SW
Mean	------	1	------	0.9	------	1.5	------	2.2	------	1.5	------	1.1	7.2	------	------	7.6	------	------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

SEPTEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.46	55.32	55.80	54.43	55.38	57.06	24.6	24	28.5	29.5	27.7	25.4	31.1	23.9	95	95	83	76	79	90	-----
2	55.82	55.68	56.49	54.81	55.80	56.87	24.7	24.5	28.8	29	24.5	24.4	31.6	24	95	96	85	81	92	93	7.7
3	55.84	56.27	56.19	54.39	54.26	55.75	24.6	24.5	29.4	29.4	28	26	31.1	23.6	95	92	74	75	79	83	2.5
4	54.80	54.72	55.30	54.37	54.59	56.32	25	24.1	27.6	26.5	25.4	24.2	29.7	23.8	88	93	84	86	92	95	10.7
5	55.13	54.50	55.56	54.09	54.98	55.98	24	23.5	26.4	29.2	26	25	29.3	23.2	95	96	90	73	88	92	1.3
6	54.93	54.68	55.82	53.85	54.94	55.95	24.2	24.5	27	28.5	24	24.4	30	24	97	96	84	80	95	94	8.7
7	54.53	54.40	55.89	54.62	55.40	58	23.8	24	28.4	30.4	26	25.2	31.6	23.5	95	94	78	73	85	93	16.8
8	56.46	56.67	57.63	55.81	57.37	59.31	24	24	29	32	27.5	25.5	32.7	23.6	96	96	76	65	84	92	-----
9	58.41	58.15	59.42	57.04	57.63	60.31	24.4	23.4	27	31.4	27	24.7	32.2	23.2	95	97	84	68	84	91	1.3
10	58.82	58.53	58.95	56.47	57.09	59.51	23.6	23.4	28	30	27.7	24.2	31.6	22.6	95	97	80	67	82	94	-----
11	58.43	58.47	59.31	56.96	57.80	59.55	23.6	23.7	27	31.4	25.5	25	31.7	23.2	97	98	87	70	91	92	.8
12	58.93	59.43	60.45	57.42	58.14	60.29	24.4	23.7	26.4	29	28	26.2	29.9	23.2	97	97	89	68	73	79	-----
13	59.40	58.96	59.62	57.53	58.19	59.61	24	23.8	29	27.6	27.8	25.7	32.3	23	93	94	71	83	75	89	1
14	58.46	57.97	59.53	57.17	57.69	58.88	23.7	24.2	25	25	25.6	24.5	26.5	23.4	94	94	95	96	92	97	9.4
15	58.02	58.15	59.31	57.17	56.86	58.09	23.6	23.6	25.8	27	27	25.4	29.7	23	97	98	88	83	77	84	10.7
16	57.46	57.28	58.70	56.72	57.02	58.86	23.6	23.5	25	25.8	25	24.3	27	22.7	95	96	92	82	92	93	12.5
17	58.15	58.08	59.78	58.02	58.25	61	23.2	22.9	25	27.4	26	25.2	28.8	22.5	97	97	90	80	89	92	1.3
18	60.06	60.38	60.74	58.33	60.42	60.97	24	23.7	27.7	31.5	23.5	23.5	32.2	23	96	97	82	66	94	96	11
19	59.91	60.07	60.24	57.49	58.32	59.65	24	23.5	26.6	29.9	24.5	24.2	31.2	23	96	97	83	68	94	94	3.1
20	58.02	57.82	58.71	56.28	57.21	58.50	23.8	23.3	27.4	29.2	26.8	25	30.3	22.9	95	97	81	75	77	90	1.1
21	57.28	57.46	57.85	56.27	56.23	58.48	24	23.5	28.8	27.1	26.5	24	29.6	23	96	96	69	86	85	97	11.9
22	58.11	58.67	59.46	57.10	58.53	60.22	24	23.6	27.9	29.6	24.1	23.8	31	23.2	97	97	77	69	93	97	20.3
23	59.25	58.62	59.64	57.32	58.70	59.07	23.6	23.4	29	32	24.7	24.5	32.2	22.5	97	98	78	63	93	94	13.7
24	57.21	56.56	55.89	52.72	53.98	55.70	24	23.9	26.5	27.4	23.7	24.1	30	23.3	96	95	86	80	94	94	22.4
25	55.78	56.11	57.17	55.09	55.85	57.84	23.5	22.8	28.6	30	27	25.2	31.3	22.6	96	97	77	71	83	93	1
26	57.10	57.31	57.65	54.67	55.94	57.50	24.4	23.7	29.4	32.2	26	25.4	32.3	23.5	95	97	77	66	92	93	3.1
27	55.43	55.72	56.35	54.22	54.36	55.37	24.8	24.4	28.4	23.5	24.9	24.9	30.7	23.5	95	97	78	97	97	94	29.9
28	53.98	53.50	53.77	51.54	52.31	53.56	24.6	24.6	27.8	28	26	25.2	29.2	24.2	97	95	82	80	87	91	5.8
29	52.38	52.30	53.71	52.41	52.51	54.45	24.3	24.6	27.3	25.8	25	24.7	29.2	24	96	95	86	90	94	94	13.3
30	54.25	54.43	55.94	54.85	56.12	57.95	24.5	24	26.5	27.8	26.4	25	28.6	24	96	95	89	82	89	94	14.3
Mean	56.93	56.87	57.70	55.64	56.40	58.02	24.1	23.8	27.5	28.8	25.9	24.8	30.5	23.3	95.5	96	82.5	76.6	87.4	92.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	235.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	1	SSE	1	SSW	3	SSW	4	SSW	4	SSW	4	8	Ci.-S.	S.-Cu. S	9	Ci.-S. N	Cu. SW
2	SSW	1	SSE	1	SSW	2	SSW	2	SSW	3	SSE	2	6	Ci.	S.-Cu. SW	8	Ci.-S.	N. SW
3	SSW	2	SSW	1	SW	2	SW	3	SW	4	SW	3	10	Ci.-S.	N. SW	8	Ci.-S. NNE	N. WSW
4	SW	3	SW	2	SSW	4	SSW	3	SSW	2	SSW	3	10	Ci.-S.	S.-Cu.SSW	9	Ci.-S.	N. SSW
5	SSW	4	SSW	1	SSW	3	SW	6	SW	5	SSW	2	10	Ci.-S.	N. WSW	7	A.-Cu. NW	Cu. SW
6	SW	2	SSW	1	SSW	3	SW	5	SSW	1	SSW	3	10	Ci.-S.	S.-Cu.SSW	10	Ci.-S.	N. SW
7	SSW	2	S	2	S	3	SSW	4	SSW	2	SSE	1	10	Ci.	N. SE	8	A.-Cu. NW	N. SW
8	SSE	1	SSE	1	SbyW	2	SSW	2	SSW	2	SE	1	10	Ci.-S.	N. NW	6	Ci.-S.	Cu.-N. SSE
9	SE	1	NE	1	NNW	1	SSW	2	ESE	1	SW	2	8	Ci.-S.	N. S	7	Ci.-S.	Cu.-N. SE
10	NW	1	SW	1	SE	1	ESE	2	SE	1	NE	1	9	Ci.-S.	S. NE	8	Ci.-S. ENE	Cu. SE
11	NNE	1	NW	1	ESE	1	SSW	2	SE	1	NNW	1	10	Ci.-S.	S.-Cu. E	8	Ci.-S. NE	Cu.-N. SE
12	NNW	1	ENE	1	ENE	2	ENE	2	ESE	3	ESE	2	10	Ci.-S.	N .S	8	Ci.-S. NE	S.-Cu.
13	NNE	1	NW	1	NW	1	NW	1	ESE	2	NW	1	7	A.-Cu.	N. ESE	8	Ci.-S. E	Cu.-N.
14	NW	1	SW	1	SSE	1	NNW	1	SW	1	NNW	1	9	A.-S.	S.-Cu. SE	10	A.-S.	N. NNE
15	NE	1	Calm	----	ENE	1	ESE	1	ESE	2	SE	1	10	A.-S.	S. NW	9	Ci.-S. SSW	Cu. ESE
16	SE	1	SSE	1	ESE	1	ENE	2	Calm	----	SSE	1	8	Ci.-S.	S.-Cu. SE	10	Ci.-S.	N. E
17	SE	1	Calm	----	SSW	1	ESE	1	ESE	1	SSE	1	10	Ci.-S.	N. E	7	Ci.-S. NE	Cu.-N. SE
18	SE	1	ESE	1	SE	1	SSW	1	SE	1	SE	1	8	Ci.-S. NE	N. ESE	6	Ci. N	Cu.-N. SSE
19	SE	1	ESE	1	NNW	1	NNW	3	SSW	1	NNW	2	10	Ci.-S.	N. ESE	7	Ci.-S. ENE	Cu.-N. NNW
20	NNW	1	NW	1	NE	1	ESE	2	ESE	3	SSE	1	8	Ci.-S.	N. SE	6	Ci.-S. NE	Cu. ESE
21	SE	1	Calm	----	ENE	2	SSE	1	NNE	1	E	2	9	Ci.-S.	N. SE	9	Ci.-S.	N. ESE
22	ENE	1	ENE	1	ESE	1	ENE	2	SSW	1	ESE	1	10	Ci.-S.	N. WNW	9	Ci.-S.N E	N. SE
23	ENE	1	ENE	1	SE	1	SSW	1	ESE	1	SE	2	10	Ci.-S.	S.-Cu. S	7	Ci.-S. ENE	Cu. SW
24	SE	1	Calm	----	WSW	1	WNW	3	WSW	2	SSW	2	10	Ci.-S.	S. NNW	10	A.-S.	N. WNW
25	SSW	2	SSE	1	SE	2	SW	3	SSE	2	SSW	1	6	Ci.-S. NW	N. NE	6	Ci.-S. ESE	Cu.-N. SSE
26	SSE	1	ENE	1	NW	2	WNW	2	SW	2	SW	1	10	Ci.-S.	S.-Cu.	7	Ci.-S. NE	Cu. W
27	SW	1	WSW	1	SSW	2	SW	1	ENE	1	SSE	1	7	Ci.-S. ENE	N. SSW	10	Ci.-S.	N. SW
28	SSW	1	SSW	2	SSW	3	SW	4	SW	4	SSW	4	10	Ci.-S.	S. NE	9	Ci.-S. NNE	N. SW
29	SSW	2	SSW	3	S	3	S	3	S	2	SSE	4	9	Ci.-S.	N. SSW	10	A.-S.	N. SSW
30	SSE	4	SSE	2	SSE	3	SSE	5	SSW	4	SSE	2	10	Ci.-S.	N. S	8	A.-Cu. WNW	N. S
Mean	------	1.4	------	1.1	------	1.8	------	2.5	------	2	------	1.8	9.1	------	------	8.1	------	------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

OCTOBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.48	57.62	58.38	56.93	57.65	59.60	24.6	24.5	27.4	30	26.9	25.6	30.2	24	96	96	84	75	88	95	3.3
2	57.99	58.20	59.33	56.78	57.39	58.22	24.6	24.3	27.3	30.4	25	24.5	31.5	23.6	95	96	82	74	94	95	6.1
3	57.13	57.08	58.32	56.17	56.59	58.03	24	24	27.2	26.6	25.8	25	27.8	23.5	96	97	83	87	92	92	12.2
4	57.22	57.53	58.84	57.88	58.01	59.46	24	23.6	26.5	27.4	25.5	24.5	28.2	23.2	96	95	87	84	91	92	9.7
5	58.92	59.13	59.95	57.71	58.13	60.12	23.8	24	29	31	28.5	26	31.2	23.6	96	95	76	69	80	90	------
6	59.22	58.95	59.20	56.69	57.44	59.36	24.6	23.8	28.8	31.4	28.5	26.4	32.3	23.5	95	96	78	66	80	92	------
7	58.29	58.32	59.40	56.79	57.74	59.15	25.2	24.5	28.2	31.4	25.3	25.5	31.6	23.6	93	96	80	65	89	94	4.1
8	58.10	57.62	58.61	56.97	57.55	58.68	25	24.5	28.2	28.5	25.7	25	30.7	24	96	97	83	83	94	92	3.3
9	58.01	57.98	59.06	56.84	58.06	59.01	24.2	23.5	26.1	29	24.4	24	29.7	23	94	91	86	74	94	95	13.4
10	58.42	58.56	59.95	57.70	58.79	60.23	23.8	23.5	27	27.5	25.7	24.6	28.7	22.9	95	96	83	75	84	92	------
11	59.46	59.70	60.79	58.64	59.54	60.45	24.2	23.7	28.2	28.2	26.1	25	29.8	23.4	94	96	72	69	77	91	------
12	59.16	59.67	60.87	58.48	59.17	60.49	24.2	23.5	29.1	30.7	28.4	25.1	31	23	95	95	62	60	75	94	------
13	58.66	59.48	60.36	58.29	58.89	60.50	24.2	22.6	28.4	27.7	24.5	24.7	31.6	21.9	94	94	69	85	92	93	2.8
14	59.53	59.53	60.78	58.31	59.70	60.82	24.5	23.2	29	30.9	26.5	24.5	31.2	23	96	97	68	54	86	96	------
15	59.96	60.23	61.28	58.54	58.99	61.02	23.8	23.4	29	30.4	27.2	25.7	31.2	22.9	97	97	72	65	75	89	------
16	59.90	60.45	60.48	57.63	59.24	60.84	24	23.9	29.6	30.5	26.7	25	31.7	23.2	96	96	67	61	83	92	------
17	59.96	60.15	61.19	59.04	59.26	60.84	24.5	24.3	28.2	29.6	26.7	24.2	30.7	23	96	97	74	63	74	89	------
18	60.56	61.18	61.94	59.57	59.84	61.10	24	22.5	29.4	30.8	27	24.3	31.6	22	91	96	64	54	65	84	------
19	60.53	60.83	61.58	58.99	59.05	60.58	23	22	28.5	31.6	27.2	25.3	31.8	21.5	91	95	68	60	71	88	------
20	59.90	60.31	60.91	58.68	58.87	60.51	24.6	23	28.5	32	27.6	25.3	32.2	22.5	95	96	63	50	67	84	------
21	59.66	59.81	60.59	58.39	59.15	60.35	23.6	22.5	29.7	31.6	27.8	25.2	32.2	22	95	95	63	58	70	85	------
22	59.40	59.97	60.80	58.79	59.13	60.19	24	23.5	27.5	29	27	24.9	29.3	22.9	93	92	76	69	73	89	------
23	59.02	59.66	60.67	58.68	58.65	59.86	23.9	21.6	30.4	31.7	28	25	33	21.3	94	96	60	58	66	87	------
24	58.96	59.19	60.05	57.82	58.30	60.36	24	22	30.4	31.4	27.5	26	32.3	21.5	93	95	63	52	69	76	------
25	59.66	59.86	60.98	58.69	58.73	60.83	24	22.5	30.4	30.7	27.6	25.5	32.2	22	90	91	58	60	66	81	------
26	60.08	60.68	61.04	58.10	58.50	60.21	24.2	22.5	30.2	31.4	27.7	24.9	32.7	22	91	91	60	57	67	84	------
27	59.02	59.68	60.77	58.22	58.70	60.09	24	22.7	29.2	31.5	27.8	25	32.2	22.4	91	94	63	59	67	83	------
28	59.01	58.95	60.23	57.93	58.33	59.72	24	22.5	30	31.3	26.7	24.9	32.2	22	91	96	67	55	71	84	------
29	58.78	58.94	60.22	57.76	58.28	60.20	23.5	22.2	30.2	31.4	28	25.2	32.6	21.4	91	89	54	57	70	83	------
30	58.76	58.91	59.42	56.44	56.73	57.97	23.6	22	30	33	28.5	26.7	33.5	21.7	95	95	59	47	70	78	------
31	56.27	56.52	57.18	54.76	55.56	56.61	25.5	23.4	31.3	32.2	29	26	33	23.1	88	89	55	53	68	79	------
Mean	58.94	59.18	60.10	57.81	58.39	59.85	24.2	23.2	28.8	30.3	26.9	25.1	31.3	22.7	93.8	94.7	70.3	64.5	77.7	88.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	54.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	2	SE	1	S	2	SSW	3	SSW	1	NE	1	8	Ci.	S.-Cu. S	6	Ci.-S.	Cu. SSW
2	SE	1	SE	1	ENE	1	SW	2	SE	1	E	1	5	Ci.	S.-Cu.	7	Ci.	Cu.-N. SSW
3	ENE	1	ENE	1	SW	1	SSW	2	SSW	2	SSE	2	10	Ci.-S.	S.-Cu. N	10	Ci.-S. NE	Cu. SSW
4	SSE	1	SSE	2	SSW	3	SSE	3	SSW	2	SSE	1	10	Ci.-S. NE	N. SSW	10	Ci.-S.	N. S
5	SSE	1	SSE	1	SSE	2	SSE	3	SSW	1	SSE	1	8	Ci.-S.	S.-Cu.	6	Ci. NNE	Cu. SSW
6	SE	1	SE	1	SW	2	SW	2	SSW	2	SSW	1	6	Ci. NE	S.-Cu.	5	Ci. NE	Cu.-N.
7	ESE	1	NNE	1	NE	1	NNW	2	SSW	1	SSW	2	10	Ci.-S.	S. N	7	Ci.-S. NE	Cu. WNW
8	SSW	1	NE	1	SSE	1	SW	1	Calm	---	NW	1	7	Ci.-S.	S.-Cu.	10	Ci.-S.	N.-cf. WNW
9	NW	1	SSW	1	SE	1	SSE	1	SE	1	ESE	1	10	Ci.-S.	N. SW	10	Ci.-S.	Cu.-N. WNW
10	SE	1	SSE	1	ESE	1	ESE	3	SE	3	SE	1	7	Ci.-S.	S.-Cu.	10	Ci.-S. SE	Cu.-N.
11	SE	1	ESE	1	ESE	1	ESE	3	SE	2	E	1	10	Ci.-S.	S.-Cu. SE	10	A.-Cu.	Cu. E
12	E	1	ESE	1	NE	1	NE	1	SE	1	SE	1	7	A.-Cu. SE	S.-Cu. E	7	Ci.	Cu.-N. NE
13	E	1	ENE	1	E	1	ESE	1	ESE	1	SSE	1	6	Ci.	S.-Cu. E	9	Ci.-S.	N. ENE
14	ESE	1	E	1	NE	1	ESE	3	SSE	1	SE	1	9	Ci.	S. NE	7	Ci.-S.	Cu. E
15	NE	1	NNW	1	ENE	1	ESE	2	ESE	2	SW	1	6	Ci.-S.	S. NNW	7	Ci.-S.	Cu. ENE
16	NW	1	NW	1	ENE	1	NE	3	NNW	3	NE	1	10	Ci.-S.	S. NE	5	Ci. ESE	Cu.-N. NE
17	NE	1	NNE	1	ESE	1	ESE	3	ESE	2	NNE	1	7	Ci.-S.	S.-Cu. E	7	A.-Cu. E	Cu. NE
18	NE	1	ESE	1	ESE	2	ESE	3	ESE	2	ESE	1	7	Ci.-S.	S.-Cu. E	7	A.-Cu. NE	Cu. E
19	NE	1	NE	1	NE	1	SE	2	SE	2	SSW	1	4	Ci.	S.-Cu. E	6	A.-Cu. E	Cu. ENE
20	SW	1	SSE	1	E	2	SE	2	ESE	2	SSE	1	2	Ci.	S.-Cu.	5	A.-Cu. NE	Cu. E
21	NW	1	NW	1	E	2	ESE	2	ESE	2	NE	1	4	Ci.	S.-Cu.	8	A.-Cu. NE	Cu. ENE
22	NNE	1	NNW	1	NE	1	ENE	2	SE	2	NNE	1	7	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	N. ESE
23	NNE	1	NE	2	ENE	1	SE	1	ESE	3	NNW	2	3	Ci.	S.-Cu.	7	A.-Cu. NE	Cu. E
24	NNW	1	NW	1	NW	2	ESE	4	ESE	2	E	2	4	Ci.	S.-Cu. ENE	5	A.-Cu. ENE	Cu. ESE
25	NW	1	NW	1	NNE	2	E	3	ESE	2	E	1	3	Ci.	S.-Cu.	6	A.-Cu. NE	Cu. E
26	NE	1	NE	1	NE	1	ESE	3	ESE	2	NNE	1	5	Ci.	S.-Cu. NE	7	A.-Cu. NE	Cu. E
27	NNE	1	SE	1	SE	1	SE	2	ESE	3	NW	1	7	A.-Cu. E	S.-Cu. ESE	7	A.-Cu. E	Cu. NE
28	NW	1	NW	1	NW	1	ESE	2	ESE	2	E	1	5	Ci.	S.-Cu. NE	8	Ci. SE	Cu. NE
29	NW	1	NW	1	NNE	2	ESE	2	E	2	NNE	1	6	Ci. SSE	S.-Cu.	6	Ci.-S.	Fr.-Cu. ENE
30	NW	1	NW	1	NNE	3	NNE	5	E	2	NE	1	3	Ci.	Cu.	5	Ci.-S.	Cu. NE
31	NW	1	NW	1	NE	4	NE	4	NE	3	NNE	2	5	Ci.	Cu.	8	Ci.-S. SE	Cu. NE
Mean	------	1	------	1.1	------	1.5	------	2.4	------	1.8	------	1.2	6.5	------	------	7.3	------	------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

NOVEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.80	55.51	56.59	54.64	54.67	56.25	25	24.5	30.5	26.3	25	25	32.4	23.5	88	84	62	77	89	83	2.8
2	55.88	56.16	57.80	56.15	57.46	59.66	23.5	24.7	25.8	27.5	25	23.5	27.9	23	87	84	84	77	88	96	9.9
3	58.32	59.03	60.06	57.82	58.06	59.71	23.2	22.9	28.5	29.4	26.5	24.9	30.2	22.5	97	96	78	62	80	92	.8
4	58.70	58.96	61.24	58.09	58.35	59.98	24.5	23.7	24	25.2	25.8	24	27	23.2	92	94	96	90	84	91	12.7
5	59.23	59.46	60.29	58.13	58.57	60.13	22.5	21.6	27.5	30.2	27	24.2	31.6	21	96	95	73	61	70	90	------
6	59.33	59.51	60.04	57.96	58.24	59.83	22.5	22	28.5	30.2	26.6	23.5	30.7	21	91	91	68	62	69	87	------
7	59.31	59.43	60.39	57.88	58.39	59.43	23.8	22.2	29.9	30.8	28	25	31.9	22	91	94	67	57	70	87	2.5
8	59.20	59.35	60.27	57.63	58.31	59.58	24.6	23.5	26.2	28.8	26.8	24.8	29.2	23.4	93	96	86	76	75	92	.5
9	58.51	58.69	59.29	56.17	57.47	58.32	23.8	23	29.2	32	24.4	24	32.3	22.6	92	95	71	59	83	91	------
10	57	57.16	58.05	55.01	56.70	57.70	24.5	23.5	27.9	31.5	25	23.6	32	23	92	96	78	60	85	95	3.9
11	57.05	57.28	57.72	54.95	56.65	58.02	23.5	22.6	27.4	30.3	24.5	23.4	31.3	22	94	97	80	66	91	96	9.4
12	57.02	57.32	58.75	56.45	57.14	58.36	23.8	23.5	25.6	28.2	26.5	23.7	28.8	23	93	91	83	69	70	89	------
13	57.59	58.06	58.59	55.84	56.26	56.59	23.4	22.1	27	28.6	26	26.1	29.2	22	88	90	65	59	76	65	7.4
14	55.54	55.05	56.67	53.77	54.13	55.60	23	23	22.6	25.5	25.6	24.7	27.1	22.4	94	96	97	92	82	84	35.8
15	55.40	56.24	57.49	55.02	55.58	57.64	24	22.6	29.4	30.5	27.5	25.1	31.5	22	93	96	62	59	73	91	------
16	57.23	57.28	58.13	56.48	57.20	59.41	24.5	22.6	28.8	29.2	26.6	23.4	30.8	22.5	94	97	71	62	68	88	1.8
17	57.78	58.07	59.50	57.39	57.56	58.86	23	22	24	26.4	24.6	24.4	26.7	21.5	93	95	90	80	87	87	11.7
18	58.88	59.41	60.15	57.83	58.08	59.31	24	22.5	25.6	29.1	26.5	24.4	29.7	22.5	93	96	83	71	80	87	------
19	58.22	58.66	59.82	56.98	57.92	59.06	24	23.6	26.4	29.8	26.1	24.5	30.7	23.5	91	87	81	69	75	87	------
20	58.37	58.58	59.43	57.13	57.80	58.79	23.6	22.6	25.6	28.6	27.3	24.4	29.3	22.5	90	91	83	70	82	91	.3
21	57.78	57.90	58.79	56.64	56.94	57.90	23.5	23.5	28	29.1	26	25	29.4	23	91	89	71	60	70	64	------
22	56.40	55.85	56.27	52.10	53.09	56.56	26	22.8	21.5	23	24.5	23.6	26.2	21.2	62	72	95	98	87	89	13
23	56.11	57.27	58.72	55.94	56.77	58.36	23	22	25.6	29.4	27.5	25	30.2	22	91	96	87	67	76	92	5.1
24	57.80	58.46	59.51	56.92	57.95	59.47	24.6	24	26.4	28.5	26.9	24.5	30	23.5	92	96	86	70	77	92	.8
25	58.22	58.24	59.32	57.39	57.85	59.47	23.6	21.7	27.2	29.4	26.4	24.2	30	21.5	95	97	78	51	73	82	------
26	58.98	58.91	60.05	58.13	58.53	59.70	23.7	21.4	27	26.9	26	22.6	29.1	21	94	96	70	70	81	91	------
27	59.54	59.84	60.49	58.10	58.34	59.60	21.8	21.5	28	28.6	25	24.4	30.3	21	95	95	68	60	87	85	.3
28	59.02	59.26	59.61	57.94	58.01	59.20	23.2	22.4	26.5	29.2	26.1	23.5	29.7	22	91	91	77	60	73	85	------
29	58.18	58.54	59.57	57.79	57.81	59.20	22.5	22	27.5	30	26	23.4	30.7	21.4	91	91	66	61	73	90	1.3
30	58.72	59.32	60.31	57.89	58.08	59.76	23.5	23	28.4	30.4	26.5	23.6	31.1	22.5	91	92	72	54	73	90	------
Mean	57.84	58.09	59.10	56.67	57.26	58.72	23.7	22.8	26.9	28.8	26.1	24.2	29.9	22.3	91.2	92.5	77.6	67.6	78.2	87.6	------
Total	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	120

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	3	NNE	2	ENE	2	ENE	2	NE	2	NE	4	9	Ci.-S.	S.-Cu. NE	9	Ci.-S. SSW	N. E
2	ENE	4	E	2	ESE	3	ENE	4	ENE	2	NNW	1	10	A.-S.	N. E	9	Ci.-S.	N.-cf. E
3	NW	1	NW	1	ESE	1	ESE	4	ESE	3	E	1	8	Ci.-S.	S.-Cu. E	7	A.-Cu. SE	Cu. E
4	ENE	1	NE	1	Calm	----	NNW	1	Calm	----	SE	1	10	Ci.-S.	N. E	9	Ci.-S.	N. NE
5	NE	1	NE	1	ENE	2	ESE	2	ESE	3	NW	1	4	Ci.	S.-Cu. E	7	A.-Cu. E	Cu. NE
6	NW	1	NW	1	NNW	2	ESE	3	ESE	2	NW	1	7	Ci.	S.-Cu.	6	Ci.-S. SE	Cu. ENE
7	NW	1	NW	1	NW	1	ESE	2	ESE	2	NW	1	4	Ci.	S.-Cu.	7	Ci.	Cu. NNE
8	NNW	1	NNW	1	Calm	----	NE	2	ENE	2	NW	1	10	Ci.-S.	N. E	7	Ci.-S.	Cu. ESE
9	WNW	1	SW	1	SSW	1	SSW	2	SSW	1	SSW	1	4	Ci.	S.-Cu.	6	Ci.-S. NE	cu.-N. SW
10	SSE	1	SE	1	ENE	1	NW	2	SSE	1	NW	1	6	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N. E
11	NE	1	NW	1	ENE	1	NNW	2	SSW	1	NW	1	8	Ci.	S.-Cu.	5	Ci.-S. ESE	Cu. NNE
12	ENE	1	ENE	1	E	1	E	2	E	2	NW	2	9	Ci.-S.	N. E	9	Ci.-S. SE	Cu. NE
13	NE	2	NE	2	NNW	4	N	4	NE	2	N	3	9	Ci.-S.	Cu. NE	10	Ci.-S. SE	Cu. NNE
14	NNW	2	NW	2	WNW	1	NW	3	ENE	3	ENE	2	10	Ci.-S.	N. NE	10	Ci.-S.	N. N
15	ENE	1	SE	1	SE	2	SE	3	ESE	2	NE	1	5	Ci.	Cu. SE	6	A.-Cu. SW	Cu. SSE
16	NW	1	NNE	1	ESE	2	E	5	E	1	NE	2	5	Ci.	S.-Cu. NE	8	Ci.-S. SSE	Cu. ENE
17	NNW	1	NNW	2	N	2	N	1	NNE	1	NW	1	10	Ci.-S.	N. NE	10	Ci.-S. SSE	N. ENE
18	NW	1	NW	1	ENE	1	ESE	1	E	1	NNW	1	9	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
19	NNW	1	NW	1	SW	1	SE	1	E	2	NW	1	10	Ci.-S.	S.-Cu. E	8	Ci.-S. SSE	Cu. NE
20	WNW	2	NW	1	NNW	1	ENE	1	SE	1	NNE	1	8	Ci.-S.	N. E	7	Ci.-S. SE	Cu. E
21	NW	1	NW	1	NNW	3	N	4	NNW	3	NNW	3	7	Ci.-S.	S.-Cu. NE	7	Ci.-S. SE	Cu. NE
22	NNW	5	N	2	NNW	2	NNW	6	NE	5	SSE	2	10	Ci.-S.	N. NE	10	A.-S.	N. NNE
23	SSE	1	SSE	1	S	1	ESE	3	ESE	3	ESE	1	10	Ci.-S.	Cu. SE	6	Ci.	Cu. SE
24	ESE	1	ESE	1	E	2	E	3	ESE	2	NE	1	9	Ci.-S.	N. E	7	Ci.-S. SE	Cu. E
25	NE	2	ENE	1	NNW	1	E	5	ESE	2	E	1	6	Ci.-S. SE	S.-Cu. E	6	Ci. SE	Cu. E
26	ENE	1	ENE	1	NE	3	ESE	2	ENE	1	NW	1	7	Ci.-S.	Cu.	8	Ci.-S. SE	S.-Cu. E
27	NW	1	NW	1	E	1	ESE	3	ESE	1	ESE	1	6	Ci.	S.-Cu. E	7	Ci. SE	Cu. E
28	ESE	1	SE	1	NNW	2	NNW	2	E	2	NW	2	10	Ci.-S.	N. E	8	Ci.-S. SE	Cu. E
29	NW	1	NW	1	NNW	2	ESE	2	NNW	2	ENE	1	6	Ci.-S. SE	S.-Cu. E	8	Ci.-S.	Fr.-Cu. ENE
30	NNW	1	NW	1	NW	1	ESE	3	ESE	2	NW	1	7	Ci.-S.	Cu. E	6	Ci. SE	Fr.-Cu. NE
Mean	-------	1.4	-------	1.2	-------	1.6	-------	2.7	-------	1.9	-------	1.4	7.8	-------	-------	7.6	-------	-------

SAN ISIDRO.

[φ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, −1.69 mm.]

DECEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.94	59.77	60.25	58.01	58.24	59.41	22.6	21.1	28.6	30.1	26.5	24.3	31.2	20.5	95	95	70	58	76	89	------
2	59.12	59.56	60.73	58.44	59.02	59.83	23.5	22	26	27.9	25.4	24.5	28.7	21.8	91	95	84	71	84	81	0.3
3	58.96	58.50	59.89	57.50	58.96	59.98	24	23.6	26.8	27	23.3	23	29.6	22.4	87	82	74	65	92	93	10.4
4	59.24	58.86	59.98	58.20	59.39	60.47	22.5	22.5	26.2	27.2	26	23.5	28.7	22	94	91	81	60	78	87	------
5	60.08	60.61	61.69	59.73	60.23	61.43	23.8	23	28	28.5	26	23	30.2	22.6	88	91	74	63	78	93	------
6	60.94	61.26	62.18	59.31	59.94	60.71	22.4	21.5	27.6	30	26.8	24.5	30.6	21.4	91	92	73	54	71	82	------
7	59.51	59.65	60.39	58.17	58.96	59.80	24	22.8	28.5	28.4	26	22.7	30.4	21.8	91	89	67	60	72	86	.3
8	59.01	59.29	60.19	57.59	57.99	59.53	21.6	20.5	28.1	29.9	26.6	23.5	30.3	19.9	95	94	68	55	69	83	------
9	58.86	59.36	60.24	57.35	58	59.41	22.5	21.9	28.4	29.4	26.5	22.5	30.6	21.5	89	92	61	64	66	90	------
10	58.86	59.23	60.36	58.30	58.90	59.56	21.6	20.2	27.2	29.4	26	23.8	30.3	20	95	92	71	56	69	81	------
11	59.16	60.10	60.87	58.24	59.21	60.51	21.6	20	27.5	29.7	26.5	23.1	30.6	19.9	95	95	72	60	73	87	------
12	59.04	59.43	60.37	57.92	59.16	60.46	21.5	20	28.5	29.2	27	23.7	31.2	19.9	95	95	60	63	66	88	------
13	59.01	59.26	60.01	57.20	57.78	59.61	22.4	21.4	27.8	29.5	27	25	30.3	21	91	92	68	64	72	83	1.8
14	58.60	58.77	59.51	56.89	57.72	59.47	23.6	22.6	27.4	31	26.7	23.8	31.4	22.2	95	97	74	58	70	88	------
15	58.41	58.60	59.66	57.14	58.44	59.76	23.5	22.6	28.6	29.1	26.2	24	31.2	22.4	91	95	69	65	71	86	.3
16	59.06	59.26	60.40	58.40	59.41	60.77	23	21.6	28.3	28.8	25	24	30.1	21	91	95	62	58	77	83	------
17	59.28	59.47	60.25	58.04	59.04	60.41	23.2	22	27.7	28.6	25.6	21.9	29.2	21.3	90	88	58	56	66	85	------
18	59.98	60.40	61.61	59.24	60.09	61.03	21	20.4	26.4	27.7	25	21.8	28.8	19.6	91	87	69	55	65	86	------
19	60.31	60.98	61.76	59.22	59.54	60.92	21	19.7	27	28	25	21.7	29.5	19.2	89	93	65	54	64	80	------
20	60.27	60.29	60.91	58.45	59.26	60.86	20	18.5	26.7	27.6	25	21.3	28.3	18.2	91	91	63	54	61	83	------
21	59.71	60.23	60.18	57.74	58.57	59.80	20.5	18.7	24.3	28.9	25.5	23.5	29.7	18.5	91	96	75	50	72	80	------
22	58.78	58.86	59.52	57.07	58.44	59.31	22.5	21.5	26	28.5	25	23	29.2	21	89	90	69	50	68	83	------
23	58.11	58.58	59.47	56.72	57.99	59.67	21	21	25.4	29.3	26.1	23.9	30.6	20.4	89	87	73	61	72	81	------
24	58.86	59.37	60.70	58.45	59.42	60.86	22.5	20.6	26.5	28	25	22.4	29.7	20	87	91	67	59	68	83	------
25	60.54	61.23	62.03	59.20	59.74	61.09	21	19.9	27.1	30	26.4	24	30.8	19.5	87	91	63	55	68	80	------
26	60.24	60.41	61.34	58.75	59.74	61.33	22	21.5	26.9	30	26.2	24.8	30.6	20.6	89	91	69	60	71	82	------
27	60.12	61.12	62.22	60.15	60.99	62.41	23.5	22.5	27.1	29	26.6	24	29.7	22	87	87	68	64	72	83	7.6
28	61.90	62.66	63.56	61.14	62.44	62.79	23.5	22.8	23.2	25.1	24.1	22.5	25.8	21.7	91	95	94	90	91	90	2
29	61.75	61.87	62.75	60.10	60.86	62.12	21.5	19.5	26.4	26.8	24	21.8	28.8	19.1	91	95	69	62	75	89	------
30	61.07	61.37	62.18	59.40	60.10	61.16	20.2	19.5	25.6	28.2	24.7	23	29.2	19.2	94	95	75	61	74	83	------
31	60.02	60.15	61.51	59.58	60.89	62.19	21	19.7	26	28	25.2	21.4	28.7	19.5	91	93	65	53	62	84	------
Mean	59.60	59.95	60.86	58.44	59.31	60.54	22.2	21.1	27	28.7	25.7	23.2	29.8	20.6	91	92	70.1	60.2	72	84.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	22.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNW	1	NE	1	NNW	1	ESE	3	ESE	2	NE	1	5	Ci.	Cu. ENE	5	Ci. SE	Fr.-Cu. ENE
2	NW	1	NW	1	NE	1	NE	2	NE	1	NE	2	6	Ci.	S.-Cu. ENE	9	Ci.-S. SE	N. ENE
3	NNE	2	NNW	2	NNW	2	E	4	ENE	2	ESE	1	10	Ci.-S.	N. ENE	9	Ci.-S. SSW	N. E
4	E	1	E	1	E	2	E	4	E	2	NE	1	9	Ci.-S.	N. E	10	A.-Cu. SSE	N. E
5	SSW	1	NW	1	NNW	1	E	5	ESE	3	NNE	1	8	Ci.	N. E	6	Ci.	Fr.-Cu. E
6	NW	1	WNW	1	NE	1	ESE	5	E	2	NNW	2	5	Ci.	S.-Cu.	4	A.-Cu.	Fr.-Cu. E
7	NNE	1	NNE	1	NE	1	ESE	4	ESE	2	NE	1	5	Ci.	S.-Cu. NE	8	A.-Cu. ESE	N. ENE
8	NNE	1	NW	1	NW	2	NW	1	ESE	2	NW	1	3	Ci.	Cu.	4	Ci.	Cu. NE
9	NW	1	NW	1	NE	1	NE	1	ESE	2	E	1	6	Ci.	S.-Cu. NE	4	Ci.	Cu. NE
10	NW	1	NW	1	NE	1	E	1	SE	2	E	1	2	Ci.	S.-Cu.	7	A.-Cu. ESE	S.-Cu. ENE
11	NW	1	NW	1	NE	1	E	2	ESE	2	NW	1	6	Ci.	S.-Cu. E	7	A.-Cu. ESE	Cu. E
12	NW	1	NW	1	NNW	1	ESE	4	E	4	NW	1	4	Ci.	S.-Cu.	6	A.-Cu. E	Cu. NE
13	NW	1	NW	1	NNW	3	NNW	2	NE	2	NE	1	6	Ci.	S.-Cu. NE	8	A.-Cu. E	Cu. NE
14	NNW	1	NNW	1	NNE	2	ENE	1	ESE	3	NW	2	7	Ci.-S.	S.-Cu. NE	7	A.-Cu.	Fr.-Cu. NE
15	NNW	1	NNE	1	NE	1	ESE	4	ESE	2	E	1	8	A.-Cu. ENE	S.-Cu. E	7	Ci.-S. SE	Cu. NE
16	NE	1	NNE	1	NE	4	NE	4	E	3	NW	1	6	A.-Cu. E	S.-Cu. NE	10	Ci.-S.	N. NE
17	NW	1	NW	1	E	2	E	4	E	3	ENE	2	6	Ci.	S.-Cu.	9	A.-Cu. E	Cu. NE
18	NW	1	NW	1	NE	1	E	6	E	3	NW	2	5	Ci.	S.-Cu.	6	A.-Cu. ESE	Cu. E
19	NW	1	NW	1	NW	1	ESE	5	ESE	4	E	1	2	Ci.	S.-Cu.	4	Ci.	Cu. E
20	NW	1	NW	1	NW	2	ENE	3	ESE	2	NW	1	6	Ci.	S.-Cu.	7	Ci. SE	Cu.
21	NW	1	NW	1	NW	2	NE	1	E	2	WNW	1	8	Ci.-S.	S.	8	Ci.-S. SE	Cu. NE
22	NW	1	NE	1	NNW	1	N	3	ENE	2	ENE	1	10	Ci.-S.	N. NNE	8	Ci.-S. SE	Cu. NE
23	NW	1	NNW	2	NW	1	NE	3	ESE	2	NE	2	9	Ci.-S.	S.-Cu. NE	8	Ci.-S.	Cu. NE
24	NE	1	NE	1	NE	2	ESE	3	ESE	3	NE	1	6	Ci.-S.	S.-Cu.	8	Ci.-S. SE	Cu. ENE
25	WNW	1	WNW	1	NE	1	NNW	3	ESE	3	NNW	2	6	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. NE
26	NW	1	NW	1	NNE	3	NE	2	ESE	2	NW	1	5	Ci.	S.-Cu. NE	8	A.-Cu.	Cu. ENE
27	NW	1	NW	1	NNE	1	NNE	1	NE	1	NNW	2	7	Ci.	S.-Cu. ENE	9	Ci.-S.	N. ENE
28	NW	1	NW	1	NNE	1	NNE	1	NE	1	NW	1	10	A.-S.	N. NE	10	Ci.-S.	N. NE
29	WNW	1	NW	1	NE	1	ESE	4	ESE	3	ESE	1	6	Ci.	S.-Cu. NE	5	Ci. SE	Cu. NE
30	NW	1	NW	1	NNW	1	E	3	ESE	2	ENE	2	5	Ci.	S.-Cu.	6	Ci. SE	Cu. E
31	NW	1	NW	1	NNW	3	ESE	4	ESE	4	NW	1	5	Ci.	Cu. NE	6	Ci. SSE	Cu. E
Mean	------	1	------	1.1	------	1.5	------	3	------	2.4	------	1.3	6.2	------	------	7.1	------	------

DAGUPAN.

[ϕ=16° 03′ N ; λ=120° 20′ E ; barometer above sea, 2.7 meters ; gravity correction not applied, —1.67 mm.]

JANUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.87	59.61	60.32	57.83	58.32	59.98	22.6	21.1	28.6	30	26.8	25.4	30.7	20.9	96	96	72	69	89	93	------
2	59.43	59.85	61.28	58.98	59.69	61.04	23.2	22.5	30	30.1	26.6	24.5	33.2	22.3	98	98	75	71	87	96	0.3
3	60.63	61.40	61.93	59.22	60.74	61.91	22.4	21.7	29.7	29.4	26.8	24	33.1	21.3	90	91	63	72	75	83	------
4	61.68	62.18	62.42	60.24	61.51	62.38	23.2	22.5	30.8	30.6	27.5	24.7	32.4	21.9	84	89	63	74	84	87	------
5	61.19	61.55	62.25	59.16	59.83	61.49	24.6	23.1	27.7	32	27.5	24	32.6	22.8	83	90	76	64	80	85	------
6	61.05	60.21	61.18	59.42	59.77	60.73	21.2	21.6	30.3	29.8	26.9	25.9	33.2	21	94	87	61	78	90	88	------
7	59.69	59.11	59.65	57.19	58.03	59.24	22.1	21.2	29.2	32.7	27	23.5	33.3	20.9	96	94	58	57	67	74	------
8	58.72	59.08	60.60	58.12	58.05	59	19.7	18.3	27.6	30.3	26.2	22.6	31.1	17.8	93	92	56	65	85	86	------
9	58.16	58.76	59.55	57.16	58.51	59.63	21.2	20.5	28.5	33.4	27.5	24	34.4	20.2	95	95	67	49	81	86	------
10	59	59.22	59.99	57.42	57.71	58.84	22	21.9	30.4	31.4	27.4	24.4	35	21	95	93	69	67	78	85	------
11	58.06	57.91	58.78	56.17	56.98	57.89	23	21.2	29.3	33.4	27.1	24	35.3	20.6	90	92	70	54	83	84	------
12	57.79	58.28	59.54	57.28	56.72	57.99	23.2	21	28.7	30.5	27.2	24	31.4	20.6	89	93	73	74	84	82	------
13	57.91	57.76	58.72	56.22	56.54	57.69	21.8	19.8	28.5	30.5	26.7	24.2	33.6	19.2	92	96	70	68	86	88	------
14	57.61	58.16	59.48	57.33	57.74	58.59	21.6	20.3	28	29.1	26.1	24.1	29.9	19.9	95	98	79	78	88	94	------
15	58.95	58.87	59.66	56.77	58.58	59.91	21.6	20	28.5	32.8	26.5	22.8	33.6	19.6	98	99	71	62	77	89	------
16	59.49	60.28	61.61	58.72	59.58	60.83	21.5	21	28.1	32.3	27.3	23	33.2	20.6	91	89	58	61	76	86	------
17	60.24	60.58	61.48	58.51	58.91	60.79	21.5	20.5	28.5	32.6	26.6	22.7	33.1	20.4	88	91	67	61	83	87	------
18	59.49	59.50	60.98	58.29	58.83	60.53	20.7	19	28	29.5	25.6	22.7	31.3	18.8	91	99	73	75	88	87	------
19	60.04	60.63	61.12	58.73	59.87	61.20	21.5	20.8	29.2	28.8	26	23.1	32.6	20.2	90	93	68	77	88	87	.8
20	60.66	61.21	62.34	60.33	60.08	60.93	22.2	23.4	26.9	27.8	25.6	23.1	28.3	22	93	82	67	77	90	91	19
21	60.09	60.84	61.80	59.11	59.73	61.20	22.3	20.6	28.6	29.2	26.6	24	30.4	20.5	92	99	78	78	90	97	------
22	60.54	60.84	62.29	59.52	59.50	61.13	23.6	22.5	27.9	29.5	26.6	24.8	30.2	22.4	98	99	82	84	90	96	15.2
23	60.33	60.85	61.83	59.03	59.98	61.64	23.2	22.6	29.5	29.4	25.4	24.1	33.6	22.4	99	96	75	82	89	89	.5
24	60.88	60.91	62.18	59.63	59.75	61.52	22.9	21.6	28.9	29.2	26.6	24.9	30.8	21.5	92	98	80	82	91	96	------
25	61.29	61.48	62.88	60.45	60.57	61.85	22.5	21.6	26.6	27.4	24.4	23.4	27.9	21.3	99	98	83	84	88	89	------
26	61.10	61.12	62.31	60.15	60.50	62.15	22.2	18.6	25.5	28	25.4	21.6	28.6	18.2	90	99	86	80	85	89	------
27	61.51	62.22	63.90	61.21	61.44	63.22	20.3	19.4	27.5	31	25.7	21	32.1	19	93	90	71	55	77	91	------
28	62.59	62.47	63.39	60.63	60.25	61.65	20.1	19.4	27.8	30.4	25.4	23	32.4	19	91	89	60	60	84	95	------
29	61.01	61.07	62.10	59.38	59.43	60.65	20	19	28	30.4	25.5	24.5	31.3	18.7	94	96	57	54	72	76	------
30	60.34	61.26	62.11	59.70	60.38	61.28	20.3	18.6	27.5	28.8	25.4	23.7	30.2	18.4	94	98	63	59	74	81	------
31	60.77	60.95	62.14	59.28	60.09	61.68	21.6	20.7	28.6	29.1	25.4	23.5	29.8	20.5	86	92	57	63	76	67	------
Mean	59.97	60.26	61.28	58.75	59.28	60.60	21.9	20.8	28.5	30.3	26.4	23.7	31.9	20.4	92.5	93.9	69.3	68.8	83.1	87.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	35.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	SE	Calm	NW	NNW	Calm	29.3	40.2	83.5	38.3	191.3	1	------	S.-Cu.	2	------	S.-Cu.
2	Calm	SE	SSE	NW	N	S	28.4	43	77.9	53.7	203	2	------	S.-Cu.	9	Ci.-S.	S.-Cu. SE
3	S	SSE	SSE	NNW	SE	S	72.2	57.7	72.6	101.9	304.4	1	------	S.-Cu.	3	Ci.	S.-Cu. SE
4	S	SE	SE	N	Calm	S	49.1	50.4	67.8	49.6	216.9	2	------	S.-Cu.	7	A.-Cu.	S.-Cu. ESE
5	SE	Calm	SE	N	Calm	S	54.2	42.6	65.4	34.1	196.3	9	------	S.-Cu.	7	A.-Cu.	S.-Cu.
6	S	S	SSE	NW	NW	NW	53.6	96	111.6	53.3	314.5	1	------	S.-Cu.	7	Ci.	Cu.
7	S	SE	SSE	SSE	SE	S	37.3	112.7	118.3	120.9	389.2	2	Ci.	S.-Cu.	2	Ci.	Cu.
8	E	SE	SE	NNW	N	S	43.8	53.3	75.4	44.6	217.1	0	------	------	1	------	Cu.
9	E	ESE	SE	ESE	N	W	42.4	55	93.9	33	224.3	3	------	S.-Cu.	4	------	S.-Cu. E
10	S	SE	SE	N	N	Calm	30.4	65.7	75.6	35.6	207.3	6	------	S.-Cu.	4	------	S.-Cu. E
11	S	SE	SSE	SSE	N	SE	37.3	107	82.4	47.7	274.4	1	------	S.-Cu.	6	------	S.-Cu. NE
12	SE	SE	W	NW	N	SSE	53.3	38.1	55.2	59.7	206.3	1	------	S.-Cu.	2	------	Cu.
13	E	SE	SE	NNW	N	S	50.4	63.9	87.2	43.5	245	0	------	------	1	Ci.	Cu.
14	Calm	Calm	NW	NW	NW	Calm	17.2	56.6	141.3	62.6	277.7	3	------	S.-Cu.	4	Ci.	Cu.
15	SE	SE	SSE	SE	SE	S	41.5	81.1	101.4	90.1	314.1	1	Ci.	S.-Cu.	4	Ci.	S.-Cu.
16	S	S	SE	SSE	N	S	101.7	102.7	82.6	71.8	358.8	1	Ci.	S.-Cu.	4	Ci.	S.-Cu.
17	S	S	SE	S	N	Calm	72.2	88.8	61.4	24.4	246.8	1	Ci.	------	2	Ci.	S.-Cu.
18	SE	E	SE	NW	N	S	56.3	45.1	79.4	91.1	271.9	1	Ci.	------	3	------	S.-Cu.
19	S	S	SE	NNW	Calm	SSE	97.2	63.6	83.5	85.9	330.2	2	------	S.-Cu.	7	A.-Cu.	S.-Cu. ESE
20	S	S	SSE	S	Calm	S	100.3	73	54.4	54.2	281.9	10	------	S.-Cu.	10	------	S.-Cu.
21	S	SE	Calm	NNW	NNW	Calm	35.9	43.7	90.1	31.9	201.6	5	------	S.-Cu.	9	A.-Cu.	S.-Cu. S
22	Calm	NE	NW	NW	N	S	21.7	33.5	89.5	35.7	180.4	3	------	S.-Cu.	6	A.-Cu.	S.-Cu.
23	E	SE	SE	N	Calm	SE	37.8	62.2	52.5	44.3	196.8	10	------	S.-Cu.	9	------	S.-Cu.
24	SE	Calm	Calm	NW	NW	S	31.6	34.6	100.8	46.7	213.7	3	------	S.-Cu.	5	A.-Cu.	S.-Cu.
25	E	Calm	N	NNW	NNW	NNW	20.7	93.8	207.6	171.1	493.2	9	------	S.-Cu.	6	Ci.	Cu.
26	N	E	NW	NNW	NW	S	54.4	41.5	84.7	64.9	245.5	2	------	S.-Cu.	5	------	S.-Cu.
27	S	S	SSE	SE	SE	S	62.2	71.3	73.7	91.9	299.1	0	------	------	2	Ci.	S.-Cu.
28	S	S	SSE	NNW	N	SW	79.5	83.7	75	51.7	289.9	0	------	------	2	Ci.	Cu.
29	S	SE	SE	NW	NNW	NW	42	58.2	69.2	76.4	245.8	1	------	S.-Cu.	4	------	S.-Cu.
30	Calm	SE	SE	NW	NNW	Calm	36.2	37.3	91.2	63.1	227.8	0	------	------	2	------	S.-Cu.
31	S	SE	Calm	NW	Calm	SSE	59.7	52.8	67	70.6	250.1	0	------	------	4	Ci.	S.-Cu.
Mean	------	------	------	------	------	------	50	62.9	86.2	62.7	261.8	2.6	------	------	4.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	8,115.3	------	------	------	------	------	------

DAGUPAN.

[φ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, −1.67 mm.]

FEBRUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.61	62.38	63.47	61.31	62.12	63.54	21.3	20.6	29.3	28.8	26.2	24.1	31	20.4	79	82	54	69	79	64	
2	63.34	63.26	64.24	61.78	62.27	64.14	22.5	20.9	28.4	30.2	25	22.4	31.2	20.2	72	78	51	45	61	72	
3	63.55	63.55	64.35	61.42	61.52	63.16	20.7	20.4	28.9	28.8	27	23	30.9	19.5	80	81	61	69	66	78	
4	62.28	62.56	63.28	60.17	60.33	61.25	21.7	21.1	28.9	30.3	25.8	25	31.7	20.6	84	84	62	68	82	86	
5	60.38	60.89	61.45	58.48	58.93	60.62	21.6	21.5	27.9	30	26.5	23.3	33.6	21	97	97	71	67	83	85	
6	59.63	59.20	60.02	57.14	58.12	59.88	21.5	21.5	29.4	30.4	27.1	25.5	34.1	21	91	90	64	68	83	80	
7	59.07	59.27	60.15	57.30	57.72	59.22	24.6	22.7	30.9	31	28	25.5	34.3	22.1	86	91	62	65	77	82	
8	58.45	59.03	59.82	57.69	57.64	58.60	24.1	22.2	28.4	29.6	26	25.6	30.6	21.8	86	92	76	78	89	91	
9	57.95	58.11	58.20	56.21	56.91	58.63	24.8	22.3	30.7	31	27	26.5	34.1	21.9	93	98	65	69	88	91	
10	58.45	59.01	59.59	57.29	57.48	58.77	24.1	22.8	30.2	31.4	26.8	26.5	32.2	22.3	92	93	67	63	89	90	
11	58.35	58.69	59.84	57.23	57.80	59.10	25.4	24.2	28.8	30.2	25.8	24	33.3	23.2	92	90	72	75	86	83	
12	58.90	58.82	59.83	57.17	57.76	59.35	23.4	23.1	28.5	31.6	27.5	24.9	32.7	22.7	87	84	70	60	77	79	3.8
13	59.16	59.45	60.31	57.88	58.57	59.85	23.6	22.1	28.5	29.6	26.6	24.5	31.4	21.5	86	90	72	75	84	92	
14	59.17	59.79	60.22	57.83	58.79	60.03	23.7	22.5	30.3	34	27.4	25.8	34.6	22.2	93	97	64	51	84	93	
15	59.05	59.69	60.35	57.53	57.71	59.77	24.6	23	30.4	29.9	28.2	26.4	33.5	22.7	91	96	67	72	82	85	
16	58.75	59.41	60.45	57.34	57.81	59.31	24.4	22.8	30.8	31.7	27.6	26.6	32.9	22.5	91	94	63	64	82	87	.3
17	58.40	58.51	59.42	56.86	57.07	58.71	26.2	23.9	30.6	30.3	26.7	26.2	32.7	23.6	93	97	70	75	88	89	
18	58.25	58.56	59.83	57.38	57.33	58.88	25.1	22.8	28.4	29.8	27	26	30.6	22.6	90	97	77	70	84	91	
19	58.59	59.11	60.58	58.27	59.33	61.03	24	23.7	31.3	31.9	27.5	24.5	35.6	23.5	95	91	64	63	85	97	10.7
20	60.27	60.39	61.64	59.38	59.82	61.02	23.7	22.3	29.6	31.3	29.1	25.3	33.9	21.9	93	95	66	67	74	84	
21	60.34	60.55	61.24	58.80	59.21	60.87	23.1	23	30	33	29	24.8	33.9	22.8	91	90	59	49	68	80	
22	60.39	60.61	60.88	57.87	58.27	59.97	23	22.6	29.6	33.3	28	26.1	34.9	22.4	86	89	57	51	80	87	
23	60.28	60.61	61.14	58.58	58.52	59.82	23.1	22.1	28.8	29.9	26.4	25.8	30.6	21.8	92	91	67	68	79	82	
24	59.53	59.89	61.03	58.37	58.46	60.11	23.6	21.9	30	33.3	28.3	26.1	34.5	21.5	90	92	60	49	72	66	
25	58.59	59.06	60.02	57.26	58.02	59.84	23.7	23.5	29.9	34	29.5	23.6	34.8	22	76	76	55	40	49	72	
26	59.55	60.10	60.93	58.66	57.94	59.44	21.1	19.4	29.5	30.2	26.7	26	32.4	18.7	84	90	58	59	80	85	
27	58.96	59.28	60.09	57	56.66	58.43	22.5	21	29.8	35	27.5	26.3	35.9	20.8	94	95	62	47	84	86	
28	58.34	58.50	59.20	57.01	56.91	58.77	23.5	23.1	30	33.2	27.8	25	35.4	22.6	94	91	65	52	74	87	
Mean	59.63	59.94	60.77	58.19	58.54	60.08	23.4	22.2	29.6	31.2	27.2	25.2	33.1	21.8	88.5	90.4	64.3	62.4	78.9	83.7	
Total																					14.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	SE	NNW	N	SE	67.1	59.5	101.9	85.5	314	7	Ci.	S.-Cu.	4	Ci.	S.-Cu.
2	SE	SE	SE	SE	SE	SSE	93	125.5	130.6	111.6	460.7	1	Ci.	S.-Cu.	4	Ci.-S.	Cu.
3	S	S	SE	NW	SE	S	86.1	54.1	85.1	111.6	336.9	3	Ci.	S.-Cu.	4	Ci.-S.	S.-Cu.
4	S	SSE	SE	NW	NNW	NW	81.3	51.8	104.6	60	297.7	5	Ci.	S.-Cu.	4		S.-Cu.
5	Calm	Calm	SSE	NNE	NW	SW	24.1	49.4	87.1	41.8	202.4	10		S.-Cu.	9	A.-Cu.	S.-Cu. E
6	S	SE	SSE	NNW	NW	S	31.7	54.2	71.6	46.1	203.6	6		S.-Cu.	9	A.-Cu.	S.-Cu. E
7	SSE	SE	S	NNW	N	S	51.7	56.8	64.4	47	219.9	1		S.-Cu.	8		S.-Cu. ESE
8	SE	SE	W	NW	NW	NW	43	39.6	111.8	147.5	341.9	3		S.-Cu.	6	Ci.	Cu.
9	NNW	E	SE	NNW	NW	NW	53.4	53.4	87.2	54.2	248.2	2	Ci.	S.-Cu.	6		S.-Cu. SE
10	SE	SE	SE	NNW	NNW	Calm	41.6	42.3	109.1	58.9	251.9	3		S.-Cu.	7	A.-Cu.	S.-Cu.
11	Calm	SE	SSE	NW	NW	S	29.5	53.4	64.2	38.8	185.9	9		S.-Cu.	9	A.-Cu.	S.-Cu. SE
12	E	SE	S	SSE	N	SSE	37	77.9	57.4	40	212.3	10		S.-Cu.	9	A.-Cu.	S.-Cu. SE
13	SE	SE	SE	NW	NNW	S	53.9	32.5	93.9	57.7	238	9		S.-Cu.	9	A.-Cu.	S.-Cu. S
14	S	Calm	SSE	SSE	NW	S	50.1	78.6	73.7	53.9	256.3	9		S.-Cu.	9		S.-Cu. SE
15	Calm	SE	SE	N	NW	Calm	32	61.8	67.1	32.4	193.3	4		S.-Cu.	6	Ci.	S.-Cu. SE
16	Calm	SE	SE	NNW	NW	NW	22.2	40.2	97.4	96.9	256.7	1		S.-Cu.	5		S.-Cu. SE
17	NW	NE	SE	NNW	NW	NW	40.8	43.3	128.7	131.7	344.5	1		S.-Cu.	3		Cu.
18	N	Calm	NW	NW	NW	W	49.4	35.9	119.1	56.6	261	1	Ci.	S.-Cu.	3		Cu.
19	S	S	S	NNW	E	NW	78.9	65.7	71.8	35.6	252	1	Ci.	S.-Cu.	6	Ci.	S.-Cu. S
20	SE	SE	SE	NNW	SE	S	34.3	56.8	62.3	48.3	201.7	3		S.-Cu.	7	Ci.	S.-Cu SSE
21	SE	SE	SE	SSE	SE	S	59.7	113	118.6	80.3	371.6	2	Ci.	S.-Cu.	7	Ci.	S.-Cu. ESE
22	SSE	SE	SE	SE	NW	W	74	92.7	63.9	73.8	304.4	6		S.-Cu.	5		S.-Cu.
23	Calm	Calm	NW	NW	NW	NW	23.3	50.7	133.4	97.2	304.6	8	Ci.	S.-Cu.	3	Ci.-S.	S.-Cu.
24	SE	E	SSE	S	N	S	40.5	59.5	65.2	61.2	226.4	2		S.-Cu.	8	Ci.	S.-Cu. ESE
25	SE	SE	SE	SE	SE	S	86.6	125.8	117.2	43.8	373.4	4	Ci.	S.-Cu.	1	Ci.	Cu.
26	SE	SE	SSE	NW	NW	Calm	46.4	36.8	98.8	68.4	250.4	2		S.-Cu.	1		S.-Cu.
27	SE	SE	SSE	SSE	N	NW	31.4	64.2	80.5	75.9	252	4	Ci.	S.-Cu.	1	Ci.	S.-Cu.
28	NE	NE	SSE	SSE	N	Calm	31.4	49.7	78.1	37.2	196.4	9		S.-Cu.	8	Ci.-S.	S.-Cu.
Mean							49.8	61.6	90.9	67.6	269.9	4.5			5.8		
Total											7,558.1						

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

MARCH, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.17	59	59.82	57.21	57.02	58.80	23.1	22	29.9	31	27.5	25.1	33.4	21.6	87	91	62	65	78	88	------
2	58.01	58.24	58.97	55.74	56.12	58.12	22.3	19.7	30.4	35.9	27.4	26.3	36	19.5	88	91	56	46	80	85	------
3	57.55	58.23	59.54	57.29	57.19	58.47	25.6	25.6	29.5	29.9	27.2	26.7	31	25.4	90	88	69	71	75	82	------
4	58.19	58.74	60.09	57.70	57.43	59.34	24	24.5	28.8	30	26.5	25.1	30.7	22.9	86	89	74	68	82	92	------
5	58.40	59.20	60.52	57.88	58.24	59.20	23.7	23	28.2	30.1	26.7	25.7	31.1	22.8	95	97	74	75	83	85	------
6	59.17	60.40	61.45	58.60	58.32	60.27	22.9	22.5	28.8	29.4	26.6	26	30.8	22	96	97	77	74	83	85	------
7	59.10	59.78	60.84	58.48	58.49	60.12	24.2	23.2	29	30.3	26.6	24.6	31.9	22.9	92	98	68	68	83	91	------
8	59.31	60	61.29	58.74	58.79	61.08	23.4	21.7	29.8	30	27.1	24.9	31.4	21.5	88	91	60	77	82	81	------
9	60.20	60.55	61.49	59.40	59.62	61.70	23	21.6	31.1	29.5	28	26	34	21.4	90	94	58	70	78	78	------
10	60.98	61.28	62.40	60.05	60.31	62.40	23.9	23.4	31.2	31.6	26.8	23.4	33.3	22.5	86	88	60	59	88	94	0.2
11	61.27	61.34	62	59.69	60.54	62.49	23	22.6	30.2	31	27.7	23.7	33	22.3	97	95	67	59	79	97	------
12	61.60	61.61	61.90	59.19	59.37	61.23	22.3	22	29.5	31.2	27	23.8	32.4	21.8	98	98	66	59	80	93	6.1
13	60.19	60.40	61.53	58.93	59.31	61.69	23	22	30	33	27	24.2	34.7	21.7	97	95	64	57	80	86	------
14	60.99	60.89	61.82	59.65	59.62	61.65	24	23.6	30.3	32.1	29.5	24.5	33.8	23.2	81	80	51	51	58	80	------
15	60.38	61.08	61.97	59.48	59.17	60.42	23.5	23	29.8	29.6	27.1	26.1	32.4	22.5	81	83	62	64	76	82	------
16	59.68	59.40	59.74	57.12	57.49	58.35	21.8	21.6	30.6	33	26.8	25.8	34.1	21.3	89	89	59	49	81	84	------
17	57.22	57.75	58.42	55.85	55.89	56.54	23.3	23.2	29.5	30.5	27.6	25.5	31.2	23.1	98	95	59	62	76	88	------
18	55.56	56.31	57.46	55.03	55.18	56.96	24	23.1	28.6	31.5	27.6	24.7	32.8	23	92	95	72	60	82	86	------
19	56.51	57.07	57.81	55.51	56.12	58.49	23.3	22.2	30.4	30.3	27.5	27.1	33.7	21.9	94	94	65	73	80	82	1.8
20	58.55	59.15	59.74	57.28	58.39	59.92	23.6	23.6	31.2	32.9	26.6	26.2	34.8	23.4	94	93	69	61	86	87	------
21	59.20	59.79	60.67	58.16	58.08	59.37	24.7	24	31	31	28	27	32.6	23.8	92	96	69	69	80	86	------
22	58.90	59.25	60.47	57.36	58.03	60.08	24.6	24.4	31.4	35.5	24.5	24	36.2	23.5	95	93	62	46	92	95	20.8
23	59.10	58.80	60.24	58.42	58.65	60.48	23.5	23.3	29.3	27.9	27.1	22.9	31.4	22.3	97	99	80	79	83	97	16.2
24	59.79	60.11	61.07	58.14	59.25	61.15	22.5	22.2	30.5	32.6	23.6	23	34.6	22	98	98	69	67	95	97	63.5
25	60.78	60.96	61.74	59.88	60.29	62.19	22.8	22.4	31.6	30.8	26	23.8	34.6	22.1	98	96	66	67	89	97	1.3
26	61.25	61.54	62.62	60.23	60.13	62.04	23.8	23.6	32	31.6	28.4	25.2	33.6	23.5	93	90	59	66	85	76	------
27	60.48	61.07	61.77	58.70	58.30	59.93	22.4	21	31.2	34.8	29.5	25.3	35.8	20.5	88	92	58	46	69	74	------
28	59.08	59.51	60.51	58.29	58.42	59.83	23.8	22.5	32.4	31.4	28.5	25.2	33.8	22.4	83	88	44	63	76	81	------
29	58.94	59.34	60.11	58.26	58.39	60	22.5	22.4	32.1	30.6	28.5	25.3	35	21.9	92	88	46	71	74	83	------
30	58.82	58.92	59.51	57.47	57.63	59.32	23.9	22	32	34.6	28.5	26.6	36.1	21.5	86	86	50	48	78	83	------
31	58.14	58.36	58.89	56.55	56.91	59.02	24.2	23	32.5	32.5	29.7	26.2	36.6	22.8	86	91	52	63	76	73	------
Mean	59.21	59.62	60.53	58.07	58.28	60.02	23.4	22.7	30.4	31.5	27.3	25.2	33.4	22.4	91.2	92.2	62.8	63	80.2	86.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	109.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	SE	SE	NNW	NNW	S	24.3	57.9	106.5	44.9	233.6	10	------	S.-Cu.	8	Ci.-S.	S.-Cu.
2	SE	SE	SE	SE	NNW	NW	62	67.8	89.8	81.8	301.4	1	------	S.-Cu.	1	------	Cu.
3	N	NW	NW	NW	NW	NW	53.4	128.9	143.7	106.8	432.8	10	------	S.-Cu. NNW	4	------	S.-Cu.
4	Calm	N	NW	NW	NW	S	35.1	53.9	120.7	61	270.7	3	------	S.-Cu.	4	------	Cu.
5	S	SE	NW	NW	NW	NNW	35.9	44.8	127.1	83.5	291.3	10	------	S.-Cu.	5	------	Cu.
6	NE	NE	N	NW	NW	NW	27.6	43.5	122.5	80	273.6	4	------	S.-Cu.	3	------	Cu.
7	Calm	Calm	SSE	NW	NW	SE	20.1	44.8	99.6	43.3	207.8	10	------	S.-Cu.	4	------	Cu.
8	S	SE	Calm	NNW	NNW	S	76.9	52	104	58.4	291.3	2	------	S.-Cu.	2	------	S.-Cu.
9	SE	S	SSE	N	N	S	39.6	82.9	75.4	58.2	256.1	3	Ci.	S.-Cu.	9	------	S.-Cu. S
10	S	SE	S	NW	NW	S	52.8	59.8	117.3	69	298.9	9	------	S.-Cu.	5	Ci.-S.	Fr.-Cu.
11	SE	SE	SSE	N	N	S	89.9	71	103.8	48	312.7	9	------	S.-Cu.	6	Ci.	Cu. S
12	SE	SE	S	NW	N	SW	33.5	45.1	103.3	66.5	248.4	1	------	S.-Cu.	5	------	Cu.
13	S	SE	SSE	S	SE	S	40.2	74.8	90.7	100.6	306.3	3	Ci.	S.-Cu.	9	Ci.	Cu. SE
14	S	S	SE	SE	SE	S	65.8	96.9	84.8	71.1	318.6	9	------	S.-Cu.	9	Ci.-S.	Cu.
15	S	S	SE	NW	NNW	N	40.5	48.1	83.7	62.6	234.9	9	------	S.-Cu.	9	A.-Cu.	Cu. ESE
16	SE	SE	SSE	SW	NW	NW	45.9	58.7	86.6	50.1	241.3	6	------	S.-Cu.	9	Ci.-S.	Cu.
17	Calm	Calm	Calm	N	NW	Calm	15.3	32.2	64.1	34.3	145.9	9	------	S.-Cu.	10	Ci.-S.	S.-Cu.
18	NW	Calm	NW	NNW	NW	SW	16.6	35.2	102.8	41.8	196.4	10	------	S.-Cu.	9	Ci.-S.	S.-Cu.
19	S	S	SE	NW	SW	Calm	29.5	61.5	83.4	38.4	212.8	6	------	S.-Cu.	10	------	Fr.-Cu.SE
20	SE	SE	SSE	NW	NW	NW	44	64.6	113.3	70.2	292.1	10	------	S.-Cu.	9	Ci.	Cu. SE
21	SE	Calm	SW	NNW	NNW	Calm	28.2	40	111.8	46.9	226.9	6	Ci.	S.-Cu.	7	A.-Cu.	Cu.
22	E	E	SE	S	N	SW	25.4	64.6	95.2	35.4	220.6	8	------	S.-Cu.	9	A.-Cu.	Cu.
23	Calm	S	NW	NW	NW	SE	19.3	38.4	104.8	57.3	219.8	9	------	S.-Cu.	10	A.-Cu.	Cu.-N.
24	Calm	SE	SE	NNW	W	Calm	42.6	48.6	76.6	41.8	209.6	8	Ci.	S.-Cu.	6	A.-Cu.	Cu.-N.
25	E	SE	SE	NNW	SW	Calm	35.2	74.2	84.8	34.4	228.6	2	------	S.-Cu.	6	------	Cu. SE
26	S	S	S	N	N	S	80.3	67.6	88.5	54.9	291.3	0	------	------	6	------	Cu.
27	S	SE	SE	SE	N	S	41.3	69.5	79.9	87.4	278.1	1	------	S.-Cu.	1	------	Cu.
28	S	S	SE	NNW	N	S	101.6	86.7	97.7	59	345	0	------	------	2	------	Cu.
29	SE	SE	SE	NNW	NNW	SW	41	82.4	122.3	61.5	307.2	2	------	S.-Cu.	4	------	Cu.
30	SE	SE	SE	SE	NNW	Calm	60.7	63	77.2	35.4	236.3	1	------	Cu.	7	A.-Cu.	Cu.
31	SE	SE	SSE	NNW	NW	S	43.5	90.1	66	39.1	238.7	2	Ci.	S.-Cu.	6	Ci.	Cu. E
Mean	------	------	------	------	------	------	44.1	62.9	97.7	58.8	263.5	5.6	------	------	6.3	------	------
Total	------	------	------	------	------	------	------	------	------	------	8,169	----	------	------	----	------	------

DAGUPAN.

[φ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, −1.67 mm.]

APRIL, 1910.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.29	58.71	59.53	57.38	57.56	60.07	24.1	23.8	32.6	35.8	29.9	24.9	36.6	23.4	82	77	48	41	67	73	------
2	59.40	60	60.34	57.67	57.78	59.51	23.2	21.6	32	32.5	28.5	27.4	35.3	21.3	84	90	53	60	75	84	------
3	59.12	59.53	60.29	58.03	57.64	59.63	24.6	22.7	32	32	28.2	26.5	33.4	22.4	82	89	57	60	79	76	------
4	58.11	58.28	59.24	56.94	57.19	58.68	25.6	24.5	32.4	33.8	30.6	26.2	35.2	24.2	80	84	54	53	65	78	------
5	57.46	58.84	59.81	56.97	57.48	59.77	24.9	23	32.8	32	29	26.7	35.1	22.6	80	84	52	61	74	74	------
6	59.04	59.40	60.37	57.37	57.23	59.26	24.5	23.5	32.9	32.1	28.5	27	35.1	23	88	87	54	62	82	72	------
7	58.99	59.45	60.07	57.49	57.37	59.95	25	24	32.9	33.1	29.5	27.5	36.1	23.5	82	79	47	53	70	84	------
8	59.09	59.53	59.98	57.83	56.89	59.23	24.9	23.1	32.1	32.4	29	28.2	34.1	22.8	81	89	55	55	73	77	1.8
9	58.21	58.70	59.78	57	56.99	58.73	24.7	23.4	32.1	35.5	29.3	27	36.6	23.1	86	89	55	44	72	85	------
10	58.59	59.31	59.92	57.17	57.21	59.11	24.2	23.4	32.5	33.1	28.6	28	35.2	22.8	85	85	54	55	80	82	------
11	58.41	58.85	59.62	57.55	57.44	59.21	24.8	23	32	32.4	28.6	27.6	33.5	22.8	87	91	60	60	79	83	------
12	58.56	58.51	59.39	56.99	57.26	59.16	25.2	24	32.2	31.5	28.5	27.3	32.8	23.8	93	93	63	65	78	85	------
13	58.11	58.80	59.86	57.91	58.52	60.24	24.4	23.5	31	31.2	29	25.6	34.5	22.8	89	90	63	71	78	87	------
14	59.23	59.33	60.23	58.27	58.61	60.27	25	24	32	33.6	29.4	28.2	36.1	23.7	91	94	61	60	79	85	------
15	59.54	60.19	61.31	59.02	59.60	60.17	25.6	23.7	33	34.5	29.4	27.9	36.4	23.4	88	89	57	56	79	89	------
16	58.93	59.30	60.39	58	57.87	59.68	25.1	23.8	33.1	35	29	27.7	36.4	23.4	88	88	55	52	79	88	------
17	58.57	58.92	59.49	56.81	56.86	58.73	26	24.7	31	32.7	29.1	28.3	34.4	24.4	92	94	62	64	81	85	------
18	57.32	57.29	57.71	55.43	55.59	57.86	27.7	27.3	31.2	31.5	28.6	27.8	32.4	26.9	84	84	72	67	83	85	------
19	56.69	57.19	58.02	55.88	55.84	57.88	27.4	27.1	30.5	31.5	28.4	27.6	32.2	26.5	86	85	72	66	83	86	------
20	57.10	57.61	57.99	55.10	55.51	58.53	26	25.5	31.8	35.7	30.2	25.6	36.6	24.6	90	92	67	50	71	86	------
21	57.14	57.21	58.14	55.18	55.81	57.66	23.9	23.1	31.9	33.1	29.6	28.4	34.4	22.9	95	97	61	57	75	82	------
22	56.32	57	57.76	55.15	56.41	58.06	25.6	25.2	32	32.5	26.1	24.6	36.2	24	91	92	65	66	90	97	8.4
23	56.66	57.25	58.20	55.61	56.51	58.24	23.9	23.6	31.4	31.2	29	25.6	34	23.2	96	95	66	68	81	91	------
24	57.26	56.82	57.78	56.28	56.78	58.17	24.8	24.2	31.1	33.4	26.9	24.5	34.4	24	92	93	66	55	85	95	.5
25	57.39	57.52	58.87	57.24	57.56	59.59	24.2	23.6	25.5	25.1	24.5	24.4	26.8	23.4	95	97	93	92	96	94	16.8
26	58.38	58.55	59.92	57.70	58.77	59.60	24	24	31	34	27.6	25	35.2	23.3	95	91	67	59	76	93	------
27	58.91	59.34	60.32	58.10	58.52	59.94	24.2	23.6	32.5	31.2	28.4	25.5	35.8	23.2	95	96	62	68	80	92	------
28	59.25	59.90	60.04	57.90	58.27	59.85	24.8	24	32.6	35.7	30.1	28.5	36.6	23.5	93	96	61	49	68	81	------
29	59.63	59.63	60.61	58.40	58.36	59.96	25.6	24.2	33.5	33.6	29.6	28.1	36.9	23.8	86	86	51	54	71	85	------
30	59.37	59.73	60.21	58.10	58.19	59.90	24.8	24.6	32.8	35.7	30.1	26.1	36.8	23.9	88	86	51	48	75	93	4.8
Mean	58.30	58.69	59.51	57.15	57.39	59.22	25	24	31.9	32.9	28.8	26.8	34.8	23.6	88.1	89.4	60.1	59	77.5	84.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	32.3

Day.	Wind. Direction. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Total movement in 6 hours. 6 a. m.	Noon.	6 p. m.	Midnight.	Total movement in 24 hours.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	S	SSE	N	S	63.4	83.2	88	43.5	278.1	1	Ci.	------	2	------	Cu.
2	Calm	SE	SE	NW	NNW	NW	38.3	58.1	103	61.2	260.6	1	Ci.	------	6	------	Cu.
3	Calm	SE	SE	NNW	NNW	S	28.2	44.3	107	72.6	252.1	1	Ci.	Cu.	5	------	Cu.
4	S	SE	SE	SSE	E	SE	85.1	92.5	118.3	47.5	343.4	5	Ci.	S.-Cu.	9	A.-Cu.	Cu.
5	S	SE	SE	NW	NNW	S	82.1	54.5	90.3	44.8	271.7	1	Ci.	S.-Cu.	7	------	S.-Cu. SE
6	SSE	SE	S	NNW	NNW	S	48.9	59.2	109.4	61.2	278.7	4	Ci.	Cu.	6	------	Cu.
7	SSE	S	SE	NW	NNW	Calm	110.2	92.5	96.6	47.2	346.5	0	------	------	5	------	Cu.
8	S	SE	SE	NW	NNW	NW	34.9	55.2	102.2	63.6	255.9	0	------	------	4	------	Cu.
9	Calm	SE	SE	SE	NW	Calm	32.7	69.4	72.4	62.8	237.3	1	------	Cu.	6	------	Cu.
10	SE	SE	SE	NW	NW	NW	47.7	46.4	114.5	95.6	304.2	1	------	Cu.	4	------	Cu.
11	N	E	Calm	NW	NNW	N	36.2	46.4	136.8	95.2	314.6	2	------	S.-Cu.	4	------	Cu.
12	N	W	SE	NNW	NW	NW	27.6	46.5	132.3	78.6	285	3	------	S.-Cu.	4	------	Cu.
13	Calm	SW	SE	N	NW	SE	24.1	56.9	91.2	59.8	232	6	------	S.-Cu.	7	A.-Cu.	Cu.
14	S	S	SE	NW	NW	NW	35.1	69.2	102.2	88.3	294.8	5	------	S.-Cu.	6	------	Cu.
15	S	S	SSE	NW	NNW	W	47.5	56	110.5	68.2	282.2	1	------	Cu.	6	Ci.	Cu.
16	S	SE	SE	NW	W	NW	50.2	67.1	98.5	50.4	266.2	1	Ci.	Cu.	6	------	Cu.
17	SE	Calm	SE	NNW	NW	NW	23.6	47.3	118.1	110.4	299.4	2	Ci.	Cu.	4	Ci.	Cu.
18	NW	NW	NW	NW	NW	NW	82.3	82.9	140.9	106.2	412.3	4	------	S.-Cu. NNW	2	------	Cu.
19	NNW	NW	NW	NW	NW	NW	89.3	94.8	130.2	76.4	390.7	6	Ci.	S.-Cu. NW	8	Ci.-S.	Cu.
20	Calm	Calm	SE	NW	NW	S	21.1	65.3	96.6	46.9	229.9	9	Ci.	S.-Cu.	6	Ci.-S.	Cu.
21	SE	SE	SE	NW	NNW	NW	51.2	59.3	89.5	60.2	260.2	2	------	Cu.	9	Ci.	Cu.
22	E	Calm	SE	NW	ENE	SE	24.9	52	73.8	44.1	194.8	7	------	S.-Cu. SSE	9	Ci.-S.	S.-Cu. SSE
23	SE	E	SE	NW	N	SW	41.5	49.7	93	44.8	229	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
24	Calm	SE	S	SSE	S	S	29.5	79.2	75.8	59.3	243.8	9	------	S.-Cu.	10	A.-Cu.	S.-Cu.
25	SE	SE	SE	SE	SE	SE	59.2	77.4	136	108.7	381.3	10	------	S.-Cu.	10	------	N.
26	S	SE	SE	SSE	SE	S	60.2	104	83.7	45.9	293.8	5	Ci.	S.-Cu.	9	A.-Cu.	Cu.-N.
27	S	Calm	SE	SW	NE	SE	34.9	73.8	68.5	35.2	212.4	2	Ci.-S.	Cu.	9	------	S.-Cu.
28	Calm	SE	SE	SE	N	N	30.8	71.1	73.8	61	236.7	5	A.-Cu.	Cu.	2	------	Cu.
29	S	SE	SE	NW	N	Calm	47	86.7	98.8	63	295.5	1	------	Cu.	4	------	Cu.
30	S	SE	SE	S	N	Calm	60	95.3	80.5	45.3	281.1	1	------	Cu.	5	------	Cu.
Mean	------	------	------	------	------	------	48.3	67.9	101.1	64.9	282.1	3.5	------	------	6.1	------	------
Total	------	------	------	------	------	------	------	------	------	------	8,464.2	------	------	------	------	------	------

DAGUPAN.

[φ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

MAY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.23	59.74	60.22	57.71	57.33	58.97	24.2	23.7	32.8	33.2	29.4	28.6	34.9	22.7	88	89	57	56	76	80	------
2	58.06	58.99	59.06	56.47	56.91	58.57	25.1	24.1	33.2	33.6	30.1	28.1	35	23.6	88	91	54	58	68	79	------
3	57.94	58.34	58.97	56.30	56.57	58.86	24.6	24.5	33.2	32.6	29.9	26.5	34.6	24.2	93	93	58	64	73	84	------
4	58.23	58.89	58.66	56.39	56.94	58.96	25.1	24.5	32.8	34.6	29.6	27.6	36.8	24	91	94	56	46	75	90	10.4
5	58.46	58.47	58.64	56.60	56.60	57.71	24.8	24.3	32.2	33.4	29.7	38.6	34.8	23.6	92	92	59	55	73	84	------
6	56.50	56.77	57.23	54.40	55.24	55.52	25.2	24.4	31.8	32.2	29.2	28.1	33.7	24.2	90	93	69	68	70	85	------
7	53.59	54.07	55.42	53.73	54.01	55.10	27.9	25.7	29.6	30.2	28.2	28.1	31.6	25.5	87	91	75	70	77	80	3.5
8	54.12	54.93	56.19	55.04	55.06	56.63	27.9	27.4	30.6	31.1	28.6	28	32.6	26.8	79	86	69	69	77	78	------
9	55.79	56.40	56.89	54.89	54.94	56.74	25.5	23.6	31	32.2	28.8	28	32.6	23.2	89	91	70	63	71	76	------
10	56.44	56.84	57.64	55.68	55.47	57.01	27.1	25.5	31.3	32.5	29.1	28.3	33.1	24.6	81	88	68	56	71	75	------
11	57.03	57.67	58.92	56.69	56.17	57.31	27.1	26.2	30.4	32.9	29.4	27.8	33.7	26	83	87	72	64	71	81	------
12	57.10	57.87	58.34	56.77	56.64	58.09	25	24.8	30.5	30.4	29.1	28.4	33.6	24.1	92	91	71	76	77	80	------
13	57.44	57.91	57.93	55.67	55.70	57.42	25.5	25	32.8	33.3	29.6	28.6	35.2	24.6	89	91	60	59	77	83	8.6
14	57.30	57.81	58.38	56.19	56.22	57.59	25.7	24.6	31.3	30.8	29.5	26.9	34.3	24.4	91	95	73	74	77	87	------
15	57.25	57.96	58.48	56.47	56.30	57.77	26.5	26	32.6	33.4	30.1	28.9	35.3	25.5	90	92	64	61	75	80	1.3
16	57.64	58.19	58.64	56.53	56.95	58.09	26.8	26	31.8	33	29.8	27.8	33.6	25.3	90	95	69	67	69	82	------
17	57.80	58.29	58.53	56.53	56.77	58.19	24.9	24.4	31.5	32.6	29.6	28.4	33.6	24.1	92	92	66	63	73	78	------
18	57.89	58.30	58.54	57.02	57.37	59.14	25	24	31.8	33.5	30.2	27.5	34.5	23.4	90	92	67	54	71	78	23.4
19	58.42	58.10	58.73	57.28	57.11	59.42	24.1	23.9	32.5	30	30.2	27.7	35.8	23.2	96	96	63	71	71	84	------
20	58.84	59.75	59.97	57.79	58.19	60.72	25.5	24.6	29.6	32.9	24.6	24.4	34.4	23.5	91	94	77	65	93	97	10.2
21	59.03	59.46	59.78	57.58	58.88	60.42	23.1	23.2	31	33.9	25.4	25.7	35.7	22.8	98	98	69	59	93	94	16
22	59.24	59.44	59.32	56.78	57.02	58.70	24.7	24.2	30.6	33.3	28.2	25.1	35.6	24	98	98	73	59	80	93	------
23	57.42	57.22	57.64	55.88	56.73	58	24.6	24.3	29.1	30.7	25.6	24.8	32.8	23.9	97	96	78	74	92	98	12.7
24	56.97	56.20	56.35	56.11	55.63	56.58	24.4	24.4	25.8	25.4	24	24.2	26.8	23.8	97	97	93	98	91	98	95.5
25	55.20	54.98	55.95	54.12	53.92	55.76	23.8	23.6	24	25.5	25.4	24.6	25.8	23.3	98	98	97	96	95	99	53.5
26	55.62	56.01	57	55.66	56.06	56.87	24.5	24.2	27.2	27.7	25.7	25.2	29.6	23.8	98	98	90	90	92	92	5.3
27	55.99	55.93	57.09	55.03	55.48	57	24	23.8	29.2	31.5	27.3	24.7	33.6	23.4	98	98	78	70	90	97	23.6
28	56.15	56.05	56.90	55.71	56.62	58.26	24.2	24	28.4	27.7	24.6	24.2	30.8	23.3	97	97	80	91	97	97	31.5
29	56.52	57.13	58.77	57.75	58.68	59.33	24.1	24	24.5	25.1	24.5	23.9	25.9	23.5	97	97	97	97	96	96	43.2
30	57.41	57.72	58.91	57.42	58.66	58.65	23.7	23.7	29.8	30.3	24.3	24.2	31.8	23.3	95	97	75	78	97	95	22.1
31	58.10	58.31	58.88	56.69	57.12	59.04	23.8	23.9	31	33	27.8	26.2	34.7	23.2	97	98	73	64	80	91	------
Mean	57.18	57.54	58.13	56.22	56.49	57.95	25.1	24.5	30.4	31.4	28	26.7	33.1	24	92	93.7	71.6	68.9	80.3	86.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	360.8

Day.	Wind. Direction.						Wind. Total movement in 6 hours.				Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	SE	S	N	NNW	NW	39.4	55	116.5	75.4	286.3	1	------	Cu.	5	------	Cu.
2	SE	S	SSE	NW	NW	Calm	40.5	54	107.6	60.2	262.3	1	------	Cu.	5	------	Cu.
3	SE	SE	SSE	NW	NW	SE	34.7	43.8	132.2	64.4	275.1	3	Ci.	Cu.	4	------	Cu.
4	SE	Calm	SE	SSW	NW	NW	34.1	70.3	80.7	73.7	258.8	6	------	S.-Cu.	5	------	Cu.
5	Calm	SE	SE	NW	NW	Calm	29	42.1	93.1	59.5	223.7	3	Ci.	S.-Cu.	7	Ci.	Cu.
6	E	SE	NW	NW	NW	NW	34.3	46.2	128.5	67.4	276.4	8	------	S.-Cu. NNW	9	Ci.-S.	Cu.
7	W	Calm	NW	NW	NW	NW	73.2	92.8	169.5	149	484.5	10	Ci.-S.	S.-Cu.	10	Ci.	Cu.
8	NW	NNW	W	NW	NW	NW	137.1	120.5	148.3	91.2	497.1	10	Ci.-S.	S.-Cu. NW	10	Ci.-S.	Cu.
9	SW	SE	NW	NNW	NW	NW	42.3	49.7	119.6	84.6	296.2	8	Ci.-S.	S.-Cu. NW	8	Ci.-S.	Cu.
10	WNW	Calm	NW	NW	NW	NW	36.3	43.1	120.4	75.3	275.1	6	Ci.	S.-Cu.	3	Ci.	Cu.
11	W	Calm	NW	NNW	NNW	Calm	27.2	30.9	78.6	47.2	183.9	10	------	S.-Cu.	8	A.-Cu.	S.-Cu.
12	SW	S	N	WNW	NW	NW	25.2	53.7	127.1	60.6	266.6	6	A.-Cu.	S.-Cu.	6	Ci.-S.	Cu.
13	SE	SE	SE	NW	NW	NW	43.5	46.9	107.8	71.9	270.1	9	------	S.-Cu.	5	A.-Cu.	Cu.
14	ESE	SE	S	NW	NW	SE	50.7	62.3	64.7	38.1	215.8	10	------	S.-Cu. SE	9	------	S.-Cu.
15	Calm	SE	SE	NW	NW	NW	22.5	45.3	95.9	79.4	243.1	9	------	S.-Cu.	6	A.-Cu.	Cu.-N.
16	Calm	Calm	NW	NW	NW	NW	28.3	53.9	129.3	78.6	290.1	9	Ci.	S.-Cu.	4	Ci.	Cu.
17	SW	ENE	NW	NNW	NW	NW	34.1	51.2	113.8	70.5	269.6	6	Ci.	S.-Cu.	3	Ci.	Cu.
18	W	SE	Calm	NNW	NNW	NE	30.8	49.1	107	53.4	240.3	3	Ci.	S.-Cu.	4	------	Cu.
19	SE	SE	ESE	SW	W	Calm	35.7	55.5	64.9	28.2	184.3	2	Ci.	Cu.	9	Ci.-S.	Cu.-N.
20	S	Calm	SE	NW	SW	E	25	31.7	69.8	47.6	174.1	9	A.-Cu.	S.-Cu.	9	A.-Cu.	S.-Cu.
21	S	E	SE	SW	SE	NE	41.3	66.6	89.8	29.9	227.6	6	A.-Cu.	S.-Cu.	7	Ci.-S.	Cu.
22	Calm	S	SE	S	W	S	24.9	64.7	89.9	46.4	225.9	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
23	SE	SE	SE	SW	E	SW	34.6	67.1	63	27	191.7	9	Ci.-S. N	S.-Cu.	10	A.-Cu.	Cu.-N. S
24	Calm	SE	SE	S	SE	SE	48.8	62.3	66.2	95	272.3	10	------	N.	10	------	N.
25	SE	SE	SE	SE	SE	SE	146.1	146.9	118.9	104.4	516.3	10	------	N. SE	10	------	N. SW
26	SE	SE	SE	E	SW	NW	59.5	52.3	48.1	75.1	235	10	------	N. SW	10	------	S.-Cu.
27	Calm	SE	SSE	SE	E	Calm	29.6	46.7	50.4	44.8	171.5	9	------	S.-Cu. W	10	A.-Cu.	S.-Cu. W
28	SE	SSE	SE	N	S	SE	45.3	73.7	47.7	65.7	232.4	10	------	Fr.-N.	10	------	Cu.-N.
29	SE	SE	SE	SE	SE	SE	66.5	59.7	54.2	68.7	249.1	10	A.-Cu.	S.-Cu. SE	10	------	N.
30	SE	S	SE	SE	E	S	60.4	74	80.3	50.7	265.4	10	------	S.-Cu.	10	A.-Cu.	S.-Cu.
31	SE	S	SE	SE	SW	Calm	38.8	59.8	73.8	28.8	201.2	9	Ci.	S.-Cu.	7	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	45.8	60.4	95.4	64.9	266.5	7.5	------	------	7.5	------	------
Total	------	------	------	------	------	------	------	------	------	------	8,261.8	------	------	------	------	------	------

DAGUPAN.

[φ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, −1.67 mm.]

JUNE, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.75	57.89	58.35	56.11	57.02	59.18	25.2	25	32.5	35.4	26.4	26.2	35.9	24.4	94	95	66	52	92	94	2
2	57.58	57.65	58.22	56.01	56.39	58.47	25.2	25.4	31.8	33.8	29.1	28	35.6	24.9	97	97	69	56	74	85	
3	57.55	57.89	58.07	55.76	56.47	58.21	25	24.7	32.5	35.2	29.6	27.5	36.1	24.2	96	95	63	51	79	86	
4	56.99	57.14	57.32	55.28	55.77	57.82	25.1	24.9	32.7	35.4	30.1	27.7	36.2	24.1	94	92	62	53	76	86	
5	57.17	57.47	58.11	56.96	57.64	59.08	25	24.4	32.4	35.1	29.4	27.6	36.1	23.7	93	88	58	55	76	87	
6	58.59	59.18	59.48	57.72	57.59	59.29	26.2	25.4	32.3	35.3	30.6	27	36.4	24.9	93	93	61	52	70	77	
7	59.04	59	59.34	57.74	57.77	59.17	25.6	25	32.9	34.9	30.4	29	36.1	24.4	85	88	58	55	73	78	
8	58.89	58.89	59.11	57.41	58.12	59.19	26.2	25.9	32.8	35	29.9	26	36.2	25.3	89	89	62	59	75	86	
9	58.62	58.81	58.98	56.94	57.21	59.32	25.2	25	32.8	35.6	29.7	25.3	36.6	24.4	90	89	59	50	79	79	.5
10	59.12	58.63	59.37	58.15	58.54	59.62	25.1	24.5	32.9	35.7	30	29	36.6	24.2	89	92	59	52	74	80	
11	59.27	59.71	60.13	58.72	59.26	60.85	26.3	25	33	35.4	29.2	26	36.8	24.5	93	92	59	50	69	90	1.3
12	59.81	59.77	60.29	58.94	59.12	60.59	24.8	24.5	32.6	32.2	28.2	26.4	35.6	24.3	95	93	59	55	76	87	
13	59.46	59.49	59.14	57.35	57.66	59.22	24.6	24	33	33.5	28.1	27.3	35.4	23.3	91	93	57	58	83	86	3.3
14	58.86	58.72	59.06	57.26	57.52	58.80	26.6	25.5	32.9	35.6	28.6	25.5	36.9	24.7	90	92	59	51	80	92	12.2
15	58.54	59.23	59.29	57.36	57.21	58.66	24.5	24.3	32.5	35.2	31	28.2	36.6	23.8	96	95	62	55	61	82	
16	57.89	58.21	58.88	57.25	57.86	59.38	25.7	25.3	33.1	35	30	26.3	36.4	24.8	91	89	61	59	80	86	
17	58.44	58.27	58.89	57.01	58.04	58.94	25.1	24.7	32.9	33.3	23.8	23.5	35.8	22.8	90	89	61	62	93	95	21.3
18	57.79	57.90	58.82	56.87	57.72	58.97	23	23.3	31.9	33.3	27.2	25.1	35.9	22.6	97	96	67	60	84	96	36.3
19	58.34	58.26	58.42	56.55	57.34	58.96	24.2	24	32.2	35.3	28.1	25.4	36.1	23.6	98	97	64	54	81	93	.5
20	58.10	58.08	58.34	56.26	57.07	58.22	25.1	25	31.9	33.8	27.6	25.8	34.6	24.4	96	96	69	60	90	92	13
21	57.12	57.35	57.84	56.76	56.97	58.73	25.4	25.7	31.1	31.4	29.2	26.5	33.5	24.8	89	86	70	66	74	83	
22	58.18	58.62	59.21	57.06	57.35	58.83	25.4	25.5	32.4	34.6	29.4	28	35.8	24.3	84	84	63	58	80	89	
23	57.94	57.57	58.47	57.36	56.37	57.29	26.5	26.7	30.9	25.1	26.9	25.6	32.8	24.6	89	90	75	95	86	96	9.1
24	56.57	56.55	56.87	55.21	56.64	57.49	24.8	24.4	33	35.6	24.8	24.5	36.6	23.4	98	97	65	56	93	95	2.3
25	56.36	56.62	57.03	55.62	56.90	58.05	23.4	23.5	32	27.5	26.6	24.7	35.2	23	97	98	67	87	94	97	18.1
26	57.28	57.02	56.91	54.89	56.17	57.95	23.6	23.4	31.4	33.3	26.2	25	33.8	22.9	97	97	72	66	95	98	39.6
27	56.35	56.24	57.39	55.88	55.41	56.89	24.1	23.8	27	27.7	27.2	24.7	29.1	23.4	99	99	87	85	89	90	
28	55.89	56.56	57.19	55.66	55.96	57.31	24.5	24.5	29.1	30	25	24.2	32.1	23.9	96	92	76	73	94	95	2.8
29	56.48	56.80	56.79	55.22	55.56	57.97	24.2	24.5	30.3	31.8	28	25	33	23.8	94	89	74	67	77	93	
30	56.99	56.52	57.18	56.47	56.68	57.15	24.6	24.5	30.1	24.5	27.1	25.9	32.5	23.9	92	91	71	96	87	93	9.7
Mean	57.90	58	58.42	56.73	57.18	58.65	25	24.7	32	33.2	28.2	26.2	35.2	24	93.1	92.4	65.2	61.6	81.1	88.9	
Total																					172

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SSE	SE	E	NW	24.7	44.9	67.9	40.4	177.9	9	A.-Cu.	S.-Cu.	7	Ci.	Cu.
2	SW	S	SE	SE	W	Calm	35.7	74.6	81.4	48.8	240.5	5	A.-Cu.	S.-Cu.	4	Ci.	Cu.
3	SE	SE	SE	SE	NW	SW	46.7	64.4	84	65.2	260.3	5	A.-Cu.	S.-Cu.	4	Ci.	Cu.
4	SE	SE	SSE	SSE	NE	Calm	37.2	71.4	73.7	30.6	212.9	4	Ci.	Cu.	6	Ci.	Cu.
5	Calm	SE	SE	SE	NE	NE	37	106.5	87.1	28.2	258.8	2	Ci.	Cu.	5	Ci.	Cu.
6	Calm	SE	SE	S	N	SE	18.5	62	76.2	55.5	212.2	1	Ci.	Cu.	4		Cu.
7	SE	SE	S	NW	NW	NW	29.8	54.7	90.1	66	240.6	1		Cu.	5	Ci.-S.	Cu.
8	E	SE	SE	NW	NW	SE	36.5	61.4	93.8	45.4	237.1	8	Ci.	Cu.	8	Ci.-S.	Cu.
9	Calm	SE	S	S	NW	E	34	91.4	74	72.1	271.5	4	Ci.	Cu.	3		Cu.
10	S	SE	SSE	SSE	SE	NW	51.7	80.5	82.1	63	277.3	4	A.-Cu.	Cu.	4	Ci.	Cu.
11	S	SE	SSE	S	NE	Calm	33.8	83.5	85.6	29.8	232.7	1		Cu.	6	Ci.	Cu.
12	SE	SE	SE	SE	S	SE	38.1	78.6	118.3	36.8	271.8	5	A.-Cu.	S.-Cu.	9	A.-Cu.	S.-Cu.
13	Calm	SE	S	NNW	NE	S	41	61.5	97.5	39.9	239.9	1		Cu.	4	Ci.	Cu.
14	W	SE	SSE	S	NW	Calm	32.5	82.1	97.9	48.6	261.1	2	Ci.	Cu.	6	Ci.-S.	Cu.
15	SE	E	SE	NW	N	N	32.8	62.2	78.7	59.5	233.2	1		Cu.	6		Cu.
16	S	Calm	S	NW	N	Calm	49.1	54	65.7	35.4	204.2	1		Cu.	8	Ci.-S.	Cu.-N.
17	SE	SE	SE	NNW	Calm	S	41.5	75.4	69.7	31.1	217.7	4	Ci.	Cu.	9	Ci.-S.	N.-cf.
18	SE	SE	SE	NNW	N	Calm	34.9	53.4	61.4	46.2	195.9	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
19	NE	SE	SE	SSE	N	Calm	28.2	84.8	88.3	50.5	251.8	3	Ci.	Cu.	8	Ci.	Cu.
20	Calm	S	SSE	NNW	Calm	SE	25	52.8	64.6	41.3	183.7	9	Ci.-S.	S.-Cu.	7		Cu.-N.
21	S	S	SE	ESE	SE	SE	51.8	95.5	85.3	46.7	279.3	10	A.-Cu.	S.-Cu.	10	A.-Cu.	S.-Cu.
22	SE	SE	SE	S	N	Calm	45.1	67.3	69.7	24.9	207	6	Ci.-S.	S.-Cu.	8	A.-Cu.	S.-Cu.
23	Calm	Calm	W	NNW	N	SW	18.7	36.8	79.5	46.5	181.5	9	A.-Cu.	S.-Cu.	10		N. SE
24	Calm	SE	S	SE	SW	Calm	36.7	80.7	71.3	27.7	216.4	8	Ci.	S.-Cu.	9	Ci.-S.	S.-Cu. SE
25	Calm	SE	SE	SE	N	SE	31.1	50.8	56.3	32.4	170.6	5	Ci.	S.-Cu.	10		N.
26	Calm	Calm	SE	NW	NW	Calm	30.6	41.2	85.5	50.4	207.7	3	Ci.	S.-Cu.	8	Ci.	Cu.
27	E	SE	SE	SE	SE	SE	37	67.9	70.3	92.8	268	10		S.-Cu.	10		N.
28	SE	SE	SE	SE	ESE	SE	85	101.2	117.5	111.8	415.5	10	A.-Cu.	S.-Cu.	10		N. SE
29	SE	SE	SE	SE	SE	SE	90.4	132.3	104.8	111.8	439.3	10	A.-Cu.	S.-Cu.	9	A.-Cu.	S.-Cu.
30	SE	SE	SE	SW	SE	SE	90.9	119.1	57.6	42.1	309.7	9	Ci.-S.	S.-Cu.	10		N. SW
Mean							40.9	73.1	81.2	50.7	245.9	5.2			7.2		
Total											7,376.1						

DAGUPAN.

[φ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

JULY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.36	56.62	57.09	55.63	56.76	57.57	24.8	24.6	27.7	30.6	25.5	24.1	31.1	23.7	97	97	83	72	94	95	10.1
2	56.20	56.61	57.17	56.57	56.71	57.94	23.8	23.2	28.6	26.4	25.6	24.8	32.1	22.9	93	97	80	96	91	92	3.5
3	56.86	57.37	57.25	55.97	56.60	57.88	24	24	30.6	32.7	25.5	24.5	34.6	23.3	96	96	70	65	90	92	2
4	57.36	56.26	57.48	55.82	56.14	58.83	24.3	23.9	30.5	32.9	29.4	27.5	34.1	23.5	93	95	71	63	76	79	------
5	58.57	58.30	59.46	58.65	58.93	60.70	25.1	25	31.7	24.5	26.6	25	35.6	24.1	93	92	69	91	90	96	29.7
6	59.90	60.40	61.09	59.27	59.22	61.09	24.4	24	31.1	33	29.4	28.1	34.4	23.5	97	97	71	61	76	88	------
7	60.08	60.24	60.62	59.01	59.44	61.52	26.4	26	31	32.5	26.3	27.3	33.5	24.9	94	96	72	66	94	86	8.4
8	59.74	59.12	60.03	58.67	58.31	59.32	24.8	23.5	30.4	32.2	28	27.4	33.1	23	98	97	74	68	86	87	------
9	58.40	58.41	58.85	57.74	57.71	58.87	25.5	23.9	30.4	30.6	28.5	27.2	32.2	23.4	96	95	73	73	85	90	1.5
10	58.20	58.25	58.78	57.64	57.12	58.86	24.8	24.4	30.2	30.6	29.2	27	31.9	23.9	97	97	71	70	76	88	.5
11	58.14	57.96	58.09	56.98	57.44	59.22	25.4	25.1	31.1	32.5	27.7	25.4	33.6	24.4	94	92	67	67	83	92	.8
12	58.03	58.21	58.23	56.97	57.13	58.27	25	24.6	29.6	29.8	27	26.4	32.8	24.2	94	95	75	73	81	90	------
13	57.14	56.70	56.79	55.53	55.55	56.22	25.8	25.2	31.5	31.5	27.4	27	32.6	24.9	93	93	72	71	84	89	5.3
14	55.20	55.10	55.08	53.93	54.77	57.12	26.1	24.9	29.2	32.6	26	23.2	33.2	22.6	91	97	77	65	94	98	26.7
15	55.09	55.46	56.10	54.55	55.19	57.70	23.1	23	28.7	29.5	27.3	24.7	31.4	22.6	99	96	82	74	79	94	7.9
16	55.45	56.25	56.91	55.66	55.79	57.46	23.2	22.8	26	27.1	25	24	29.4	22.5	98	98	89	85	91	97	22.6
17	56.48	56.67	58.31	56.79	56.70	58.24	22.7	22	23.7	28	26.7	24.8	29.9	21.8	98	99	97	80	88	95	25.1
18	57.80	58.30	59.02	57.36	56.86	58.14	23.6	23.1	28.8	32.2	30.3	27.5	33.3	22.7	97	98	80	64	76	93	------
19	57.10	57.68	57.94	56.57	57.33	58.06	26.2	24.4	31.7	32.9	26	24.7	35.6	24	95	97	73	70	90	94	3.6
20	57.11	57.44	57.99	57.75	57.31	58.92	24	23.5	28.6	26.7	24.5	23.5	30.2	22.7	97	97	85	91	97	95	5.6
21	59.01	59.36	60.14	58.80	58.87	60.59	22.7	22.5	29.5	33	29.4	27.3	34.8	22.1	98	96	73	68	76	93	------
22	59.72	59.54	59.71	58.14	58.29	58.84	25.2	24.4	31.6	32.6	29	27.5	33.9	23.9	94	97	71	63	83	92	------
23	58.02	57.41	57.89	56.38	56.11	57.13	25.8	24.5	31.7	33.8	29.9	28.2	35.2	24.1	98	97	71	61	78	87	------
24	55.99	55.81	56.88	55.73	55.13	57.01	25.5	24.5	31.4	33.6	29.5	24.2	34.6	23.4	93	96	70	62	78	91	------
25	55.71	56.24	56.93	55.59	55.28	57.22	23.2	23.2	31.1	33.6	30.4	28.4	34.4	22.7	95	95	69	62	76	86	------
26	56.27	57.14	57.89	56.48	56.46	57.69	25.6	24.6	32.5	33.5	30.6	28.5	34.3	23.3	93	97	66	64	74	84	------
27	57.12	57.70	58.23	56.88	56.28	57.23	25.5	24.6	30.2	29.5	29.4	27.9	34.1	24.4	91	97	77	76	81	91	------
28	56.72	57.20	57.63	56.28	55.89	56.99	26.5	24.4	30.6	31.4	30	27.7	33.2	24	97	97	74	75	75	86	------
29	56.27	56.17	56.93	55.74	55.16	56.68	27.1	24.8	30.4	32.1	29.8	28.2	33.2	24.6	87	96	76	72	77	85	29.4
30	55.88	56.52	57.07	57.04	56.59	58.19	25.5	23.3	31.7	25	27.7	25.8	34.7	22.8	95	94	72	96	88	98	.3
31	57.36	58.11	58.82	56.62	57.36	58.40	25.1	24.5	26.6	30.5	26.5	24.6	31.7	23.8	97	97	89	75	88	90	
Mean	57.33	57.50	58.08	56.80	56.85	58.32	24.9	24.1	29.9	30.9	27.9	26.2	33.2	23.5	95.1	96.1	75.5	72.2	83.7	90.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	183

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	SE	SE	SE	SE	SE	45.3	97.9	74.5	89.6	307.3	10	A.-Cu.	S.-Cu.	10	------------	Cu.-N. SE
2	SE	SE	SE	SSW	SE	SE	69.4	109.2	81.3	105.5	365.4	8	Ci.-S.	S.-Cu.	10	------------	N.
3	SE	SE	SE	SE	SE	SE	62.8	99.6	101.7	89.1	353.2	9	A.-Cu.	S.-Cu. SE	7	A.-Cu.	Cu.
4	S	SE	SE	SE	SW	Calm	52.4	108.9	109.7	46.5	317.5	8	Ci.-S.	S.-Cu.	7	A.-Cu.	Cu.
5	Calm	SE	SSE	E	E	SE	38.6	75.6	54	30.9	199.1	9	A.-Cu.	S.-Cu.	10	------------	N.
6	SE	SE	SE	N	N	NW	42.1	51.5	59.7	72.2	225.5	7	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.
7	Calm	Calm	NW	N	NW	NW	33.2	39.2	96.8	59.8	229	5	Ci.	S.-Cu.	7	------------	Cu.
8	SE	SE	SE	N	NW	W	46.9	51	96.4	63.8	258.1	8	Ci.-S.	Cu.	5	Ci.	Cu.
9	SW	SE	E	NW	NW	Calm	31.9	50.4	95.3	46.9	224.5	2	------------	Cu.	7	A.-Cu.	Cu.
10	Calm	S	Calm	NNW	NW	Calm	30.8	36.8	94.6	46.5	208.7	7	Ci.	Cu.	9	A.-Cu.	Cu.
11	Calm	Calm	NW	NNW	N	N	24.7	33.6	98	64.9	221.2	7	Ci.	S.-Cu.	8	Ci.	Cu.-N.
12	Calm	Calm	NW	NW	N	W	27	31.9	125.8	65.8	250.5	9	A.-Cu.	S.-Cu.	9	A.-Cu.	N.-cf.
13	Calm	S	SW	NNW	N	NW	24.3	39.4	86.9	36	186.6	9	A.-Cu.	S.-Cu.	7	A.-Cu.	Cu.-N.
14	Calm	NE	N	NW	N	W	27.4	36.3	82.7	60.7	207.1	10	A.-Cu.	S.-Cu. W	9	A.-Cu.	S.-Cu. W
15	Calm	SW	S	W	W	NW	32.7	62.5	48.9	75.4	219.5	10	------------	S.-Cu.	10	A.-Cu.	S.-Cu.
16	Calm	W	SE	SW	Calm	Calm	29.9	35.4	57.9	28.2	151.4	10	------------	N. NW	10	------------	N.
17	SW	E	SE	SE	SE	SE	41.5	31.2	44.9	43.2	160.8	10	------------	N. SW	10	A.-Cu.	S.-Cu. SE
18	SE	SE	SE	SE	Calm	Calm	42.3	56.8	38.1	26.8	164	10	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.
19	Calm	S	SE	W	Calm	Calm	35.2	46.7	63.1	25.4	170.4	1	------------	Cu.	6	------------	Cu.
20	SE	SE	SE	SE	S	SE	27	55.8	81	51.5	215.3	3	A.-Cu.	S.-Cu.	10	------------	N. SE
21	E	E	SE	SE	N	E	48.3	70.8	67.6	32.4	219.1	4	Ci.-S.	S.-Cu.	9	A.-Cu.	Cu.
22	Calm	SE	Calm	NW	N	Calm	27.2	40.4	75.3	33.1	176	1	------------	Cu.	6	A.-Cu.	Cu.
23	SE	SE	SE	NW	NW	Calm	31.7	42.1	94.2	50.4	218.4	4	Ci.	Cu.	5	Ci.-S.	Cu.
24	SE	S	S	NW	NW	SE	43.1	36.7	90.3	59.5	229.6	1	Ci.	Cu.	5	------------	Cu.
25	SE	SE	SE	NW	NW	NW	31.7	38.9	74.5	58.7	203.8	2	Ci.-S.	Cu.	3	------------	Cu.
26	SE	Calm	SSE	NW	NW	N	28.2	45.7	97.5	65.3	236.7	1	Ci.	Cu.	5	A.-Cu.	Cu.-N.
27	SE	SE	E	W	NNW	NW	37.6	41.5	80.8	87.7	247.6	5	Ci.	S.-Cu.	7	A.-Cu.	Cu.-N.
28	Calm	SE	NW	NW	NW	W	31.6	49.7	123.9	88.5	293.7	5	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N.
29	SW	SE	N	NNW	NNW	NW	42.1	54.5	102.8	64.4	263.8	6	Ci.	S.-Cu.	8	Ci.-S.	Cu.
30	NE	SE	SE	W	SE	S	33.3	56.1	64.2	33.8	187.4	2	Ci.	Cu.	10	------------	N. SW
31	SE	SE	SE	NE	SW	SE	53.6	56.6	49.3	52.5	212	10	------------	S.-Cu. SW	9	A.-Cu.	s.-cu. sw
Mean	------	------	------	------	------	------	37.9	54.3	81	56.6	229.8	6.2	------------	------------	7.9	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	7,123.2	----	------------	------------	----	------------	------------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, −1.67 mm.]

AUGUST, 1910.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.54	57.72	58.41	56.34	56.64	57.97	23.8	23.6	29.1	31.6	29	25.9	33.7	23.1	98	99	81	69	77	94	------
2	56.92	56.10	57.20	56.10	55.95	57.37	24.4	24.1	26.4	25.2	24.6	24.2	27.7	23.2	97	98	95	98	95	97	6.5
3	56.60	56.22	56.84	55.21	55.67	57.36	23.4	23	29.5	33.2	26.1	25.5	34.4	22.7	98	99	77	64	98	99	5.1
4	57	57.25	57.28	55.77	55.94	57.89	24.8	24.3	31.2	33.5	27.7	26	34.3	24	98	98	72	65	84	96	6.9
5	57.42	57.05	57.69	56.32	56.17	58.16	25	24.5	31.2	33	29.2	26.9	35.6	24.3	98	98	73	70	81	96	------
6	57.79	57.19	58.09	56.03	56.29	58.01	25.6	25	30.2	27.7	28.6	27.6	34.2	24.7	95	98	77	81	83	94	------
7	57.27	56.59	57.59	56.37	56.44	58.54	25.9	25.2	31.6	31.2	27.1	26	33.6	24.6	97	98	75	75	87	94	------
8	57.09	57	57.31	56.02	56.47	57.46	25	24.3	30.5	31.8	25.4	26	33.6	23.9	98	97	78	72	92	91	------
9	56.59	56.68	56.54	55.69	56.28	57.90	24.4	23.5	30.6	29.7	25.7	25.1	32.7	23.3	97	99	76	80	96	99	30.7
10	57.01	56.22	56.91	55.47	56.24	57.65	24.3	24.2	28.9	30	26.2	25.2	31.3	23.8	99	98	81	81	96	98	8.4
11	56.31	56.56	57.28	56.54	56.89	58.17	24.5	24	30.5	24	24.6	23.8	32.8	23.5	97	99	79	96	98	98	27.2
12	57.44	58	58.80	57.13	57.04	57.98	23.7	23.5	25	28.9	27.5	25.5	30.4	23	99	99	92	78	86	96	1.3
13	56.66	56.79	57.04	55	55.07	56.70	24.6	24.4	30.6	31.2	29.4	26	32.7	23.9	98	98	76	73	78	95	.8
14	55.89	56.16	56.58	55.31	55.83	57.27	24.8	24.1	30.9	28.1	27.8	26.3	34.4	23.8	98	99	75	85	85	96	8.9
15	56.73	56.72	57.18	55.42	55.90	57.72	25	24.6	30.5	34.3	28	26.6	35.1	24.3	98	98	76	62	85	92	------
16	57.37	57.09	57.53	55.41	55.38	57.12	26.1	25.5	31.2	34	29.5	27.5	35.8	25.2	95	97	77	64	81	92	37.3
17	56.41	56.89	57.50	55.50	56.18	57.88	26.4	25.2	30.4	33	27.9	27.8	34.4	24.9	98	98	77	72	90	89	------
18	57.45	57.82	58.43	56.36	56.64	58.16	26.7	26.5	31.1	32.5	28.7	28.2	33.4	25.9	97	95	78	71	83	85	------
19	57.73	57.50	58.17	57.02	56.93	58.11	27.8	25.6	31.6	32.4	29.3	28.2	33.1	25.3	88	98	76	73	80	92	------
20	57.27	57.70	58.02	56.26	56.58	58.62	25.6	25.1	31.6	33.6	29.7	25.2	35.1	24.7	96	97	73	68	80	94	------
21	57.78	57.59	57.99	56.35	56.61	58.88	24.6	24.5	32.4	32.2	28.4	26.7	34.3	24.1	98	96	69	66	81	90	------
22	58.15	58.33	58.92	57.02	57.19	59.18	25.1	24.4	31.2	33.6	27.7	26.8	35.1	24	95	97	66	58	82	90	------
23	58.24	57.51	58.81	57.35	56.67	58.02	25	24.1	31.2	31.8	28.3	28.4	33.1	23.9	94	96	72	64	79	80	.3
24	56.95	55.87	56.49	54.83	55.12	56.97	26.8	25.6	30	29.9	26	23.7	31.2	23.2	91	96	81	80	90	98	6.7
25	55.89	55.62	56.08	54.62	56.01	57.50	23.2	23.4	31.1	33.9	26	26	35.2	23	99	97	73	60	91	89	------
26	56.02	56.29	56.71	55.55	55.82	57.37	24	23.8	30.3	30.4	28.9	26.1	33.4	23.5	98	98	72	76	77	93	------
27	56.65	57.18	57.58	55.85	56.34	57.54	24.7	23.9	30.1	32	29	26.2	32.8	23.6	98	97	75	68	78	93	47
28	57.84	57.47	58.43	56.76	56.42	58.38	23.9	23.5	26.4	26.8	25.7	24.1	27.5	23	95	99	92	90	96	99	55.2
29	57.75	56.83	57.63	56.28	56.05	58.21	23.5	23.5	28.5	29	27.6	24.6	29.6	22.9	99	99	81	81	87	99	16
30	56.63	56.16	57.42	55.87	55.62	57.05	24.1	23.3	26.1	28	25.1	24.6	29.2	23	99	99	96	89	94	99	5.6
31	55.62	55.23	56.21	53.99	54.62	56.34	24.1	23.6	28.7	28.1	26.2	25	32.4	23.4	98	99	83	95	91	98	7.9
Mean	57.03	56.88	57.51	55.93	56.16	57.79	24.9	24.3	30	30.8	27.4	26	33	23.9	96.9	97.8	78.2	75	86.5	94	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	271.8

Day.	Wind. Direction. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Total movement in 6 hours. 6 a. m.	Noon.	6 p. m.	Midnight.	Total movement in 24 hours.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	E	SE	S	SW	SE	41.1	52.8	53.6	37.3	184.8	10	------	S.-Cu.	9	A.-Cu.	Cu.
2	SE	SE	Calm	SW	Calm	S	44.4	42.3	32.8	31.5	151	9	A.-Cu.	S.-Cu.	10	------	N. SW
3	SE	S	SE	WNW	SE	SE	47	67.1	56.3	37.6	208	8	A.-Cu.	S.-Cu. S	7	A.-Cu.	Cu.-N.
4	SE	SE	SE	SE	SW	Calm	43.5	72.1	88	35.7	239.3	6	A.-Cu.	S.-Cu.	9	A.-Cu.	S.-Cu. SE
5	Calm	SE	SE	W	W	SE	30.4	72.7	77.4	39.6	220.1	6	Ci.-S.	Cu.	9	------	S.-Cu. SE
6	Calm	SE	SE	W	NW	Calm	21.1	48.6	66.2	42.9	178.8	8	A.-Cu.	Cu.	6	------	S.-Cu.
7	Calm	SSE	E	NW	NW	W	40.5	40.2	119.9	54	254.6	9	------	S.-Cu. S	9	A.-Cu.	Cu.-N.
8	SW	SE	SE	NNW	WNW	N	31.9	48.6	117.2	49.7	247.4	9	Ci.	S.-Cu.	8	Ci.-S.	S.-Cu.
9	SE	SE	SE	N	N	SE	32.4	62.6	51.2	36.2	182.4	6	Ci.-S.	S.-Cu.	10	------	Cu.-N. SW
10	SE	SE	SE	N	NW	Calm	52.9	62.3	62.6	31.5	209.3	10	------	S.-Cu. SE	9	A.-Cu.	S.-Cu. W
11	S	SE	SE	SW	SE	Calm	37.9	64.4	75.4	30.1	207.8	10	A.-Cu.	S.-Cu. SW	10	------	N. SW
12	SE	SE	SW	SW	Calm	Calm	43.1	48.5	42.7	20.4	154.7	9	------	S.-Cu. WSW	9	A.-Cu.	S.-Cu.
13	Calm	SE	ESE	NNW	WSW	SE	32.5	42.1	56	38.8	169.4	9	------	S.-Cu. WSW	9	A.-Cu.	Cu.-N. WSW
14	SE	SE	SE	SW	SW	Calm	36.8	61.5	55.8	37.6	191.7	4	------	S.-Cu. SW	9	------	N. SW
15	Calm	ESE	SE	SE	Calm	E	38.4	62.8	72.1	32.7	206	9	------	S.-Cu. SW	7	Ci.-S.	S.-Cu. SE
16	Calm	SE	SE	Calm	NW	N	35.6	59	81.8	59.5	235.9	9	------	S.-Cu. SE	8	Ci.-S.	Fr.-Cu. SE
17	Calm	Calm	SSW	NW	NNW	Calm	24.3	27.9	91.7	57.4	201.3	10	------	N.	6	Ci.-S.	Cu.-N. SSE
18	Calm	Calm	NNE	NW	NNW	NW	26.3	38.6	102.7	81.9	249.5	9	A.-Cu.	S.-Cu. S	5	------	Cu.
19	N	Calm	NW	NW	NW	N	27.6	36	95.2	50.8	209.6	4	Ci.	S.-Cu.	6	Ci.-S.	Cu.
20	SW	Calm	SE	N	NW	S	29.9	40.5	78.5	49.9	198.8	7	Ci.	S.-Cu.	8	Ci.-S.	Cu.
21	SE	SE	SE	SE	E	SE	23.8	61.5	82.3	40.7	208.3	9	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.
22	SE	SE	SE	SE	Calm	Calm	57.4	81.5	72.6	23.6	235.1	9	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu. SSE
23	Calm	Calm	SE	N	NNW	NW	27.4	34.4	95.5	88.5	245.8	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
24	NW	NE	SE	SSE	SSE	SE	66.3	45.1	77.2	98	286.6	10	A.-Cu.	S.-Cu. NE	10	A.-Cu.	S.-Cu. SE
25	SSE	S	SE	S	N	Calm	68.2	86.2	73.5	60.8	288.7	8	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu. SE
26	Calm	E	N	NW	W	Calm	26.9	34.7	53.4	27.7	142.7	9	------	S.	9	A.-Cu.	Cu.-N. W
27	Calm	Calm	NW	N	W	Calm	22.5	30.1	71	21.2	144.8	9	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.
28	NW	Calm	Calm	NW	N	SW	54.5	18.5	45.7	42.7	161.4	10	------	S.-Cu. SW	10	A.-Cu.	S.-Cu. W
29	Calm	Calm	W	NW	N	Calm	23.1	27.4	41.5	47.5	139.5	10	------	S.-Cu. W	10	A.-Cu.	S.-Cu. W
30	Calm	SE	S	Calm	SW	Calm	34.7	48.9	39.9	19.5	143	10	A.-Cu.	S.-Cu. W	10	------	N. SW
31	Calm	S	SE	S	S	SE	23.4	41	45.3	41.5	151.2	10	A.-Cu.	N. W	10	------	N. WSW
Mean	------	------	------	------	------	------	37	50.3	70.2	44.1	201.5	8.5	------	------	8.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	6,247.5	----	------	------	------	------	------

DAGUPAN.

[φ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

SEPTEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.50	55.23	56.10	54.56	54.81	57.11	24.4	24.2	29.8	27.4	26.7	25.7	32.4	23.7	99	99	83	93	94	98	15.3
2	56.38	56.21	57.15	55.47	55.50	56.43	25.1	24.7	26	27	26.8	25	28.3	24	98	98	96	92	91	97	9.1
3	55.55	56.07	56.39	54.62	54.29	55.67	24.2	24.2	27.7	30.5	27.4	25.3	31.4	23.9	98	98	82	72	87	98	10.7
4	55	54.61	55.17	54.07	54.70	55.83	24.8	24.4	28.8	25.9	24.8	24.7	32.1	24.1	98	98	84	97	98	98	17.2
5	55.31	54.36	55.13	53.94	54.73	56	24.4	24.1	26.6	28	24.6	24	29.2	23.3	97	96	88	88	98	97	67.4
6	55.41	54.98	55.86	53.48	54.48	55.63	23.7	23.6	25.5	28.2	24.8	24.1	28.9	23.1	99	99	97	92	98	96	56.3
7	54.78	54.29	55.77	54.52	55.29	57.57	24.1	24	28.9	31	25.6	24.7	32.4	23.4	97	97	83	75	95	98	18
8	56.15	56.52	57.44	55.70	57.39	59.07	24.5	24.1	29.8	33	24.3	24.6	34.1	23.8	97	97	78	64	95	97	16.5
9	58.18	57.86	58.98	57.03	58.58	60.18	24.5	24.1	30.7	32.6	24.3	24.9	34.5	23.3	97	97	72	66	97	96	69.8
10	59.30	57.87	58.79	56.54	57.34	59.59	24.6	24.4	29.4	33.6	28.4	24.6	34.5	24	96	97	78	65	82	97	6.6
11	58.74	58.36	58.89	57.18	57.79	59.65	25	25.3	29.3	31	26.9	25.5	33.1	24.4	98	94	81	75	86	96	3.9
12	58.90	59.34	60.08	56.88	57.68	60.24	24.8	24.4	31	33.7	28.8	26.6	35	24.2	98	97	73	64	83	89	------
13	59.57	59.48	59.85	57.30	58.44	59.54	25.2	24.8	29.9	31.8	25.7	25.4	33.4	24.5	96	95	73	73	90	94	.6
14	58.76	57.98	58.67	56.97	57.27	58.85	24.9	24.7	29.5	27.2	26.5	25	30.8	24.5	98	97	79	92	92	94	.5
15	57.71	57.82	58.78	56.37	56.70	58.09	24.2	23.9	30	32.5	29.3	26.5	33.6	23.6	97	97	73	66	76	89	------
16	57.79	56.77	57.82	56.28	56.90	58.81	25	24	31.4	31.7	26.5	25	34.6	23.8	93	94	67	70	84	89	1.3
17	58.03	57.64	59.37	57.64	58.08	60.60	24.3	23.5	30.4	32.4	28.8	26.6	33.6	23.3	94	98	74	67	82	91	2.5
18	60.33	60.13	60.65	59.75	60.10	61.09	24.8	24.7	30.2	28.2	25.2	25	34.1	23.6	98	98	75	85	93	98	11.9
19	60.18	60.11	60.48	57.83	58.46	59.70	24.3	24	29.2	30	25.8	24.9	30.9	23.9	97	98	83	79	93	98	3
20	58.37	57.82	58.37	56.20	57.39	58.67	24.4	23.9	30.1	33	25.3	25	34.3	23.5	97	98	74	64	93	98	20.1
21	57.40	57.47	57.73	55.49	56.24	58.12	24.1	23.6	29.5	32	27	25.7	33.1	23.5	97	98	74	70	89	86	1.1
22	57.75	58.12	58.85	57.03	58	60.43	24	23.5	29.8	30	26.3	24	31.9	23.3	97	98	77	73	89	97	6.4
23	59.57	58.44	59.74	58.10	58.65	59.27	23.5	23.2	30.5	31.1	27.7	27	32.6	23	98	98	75	69	84	90	------
24	57.30	56.51	55.92	52.37	51.37	55.24	27.2	27.5	29	27.5	24.6	23.4	29.2	22.6	90	84	82	88	98	98	66.3
25	54.77	55.82	56.63	54.78	55.09	58.22	23.8	22.7	29	33	27.8	24.5	34.2	22.5	98	98	82	64	81	97	52.4
26	57.31	57.13	57.75	55.24	55.89	57.52	24.6	24.3	29.7	30.4	28	25.5	31.1	23.4	98	98	77	78	88	98	13.3
27	55.27	55.68	56	53.90	54.37	55.15	25.2	24.5	29	26	26	25.3	31.8	24.3	98	98	83	95	96	98	22.6
28	53.26	53.17	53.47	51.65	51.67	53.08	25	24.5	27.7	25.7	25.2	24.8	30.4	24.1	98	97	89	97	98	98	11.2
29	51.82	51.79	53.22	51.06	51.84	53.72	24.4	24.1	27.4	29.5	25.8	25.3	30.9	23.8	98	98	89	84	93	94	5.4
30	53.37	53.70	55.22	54.04	55.74	57.62	25	24.2	26.6	29	26.4	25.4	30.2	24	95	97	91	86	94	96	2.4
Mean	56.93	56.71	57.48	55.53	56.16	57.89	24.6	24.2	29.1	30.1	26.4	25.1	32.2	23.7	97	96.9	80.4	78.1	90.6	95.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	511.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	SE	SE	N	Calm	SE	31.7	53.1	44.1	34.9	163.8	10	------	S.-Cu. SW	9	A.-Cu.	S.-Cu. SW
2	Calm	Calm	Calm	N	SE	SE	36.2	32.2	32.2	60.4	161	6	Ci.-S.	S.-Cu.	10	------	N. SW
3	SE	S	Calm	N	WNW	Calm	58.5	33	63	39.5	194	10	------	S.-Cu. SW	10	A.-Cu.	Cu.-N.
4	S	Calm	SE	SW	E	SE	35.7	62	45.4	57.9	201	10	------	N.	10	------	N.
5	SE	E	SE	S	E	ESE	73.2	62.6	59.5	40.5	235.8	10	------	N. SW	10	------	N. SW
6	Calm	Calm	SE	E	NE	SSE	41	58.7	62.6	55.2	217.5	10	------	N.	10	------	N. SW
7	SE	SE	SE	ESE	N	E	46	66.2	54.5	39.9	206.6	10	------	S.-Cu. SW	9	A.-Cu.	Cu.
8	SE	SE	SE	SE	SE	Calm	64.6	93.5	97.9	40.7	296.7	9	------	S.-Cu.	8	A.-Cu.	Cu.
9	S	SE	SSE	S	WNW	N	49.9	86.1	71.6	70.2	277.8	8	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.-N.
10	NNW	E	SSE	SSW	NW	Calm	42.7	78.1	87.4	38.1	246.3	10	A.-Cu.	S.-Cu.	6	A.-Cu.	Cu.
11	Calm	SW	SE	SE	SW	Calm	20.7	66.9	52.9	31.4	171.9	10	------	S.-Cu.	10	A.-Cu.	S.-Cu.
12	NE	E	SE	SSW	NW	N	28.7	78.3	72.6	55.8	235.4	7	A.-Cu.	S.-Cu.	8	A.-Cu.	Cu.
13	Calm	Calm	W	NW	S	Calm	21, 1	26	60.8	19.3	127.2	9	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.
14	Calm	Calm	S	S	SE	SE	20.6	30.4	50.2	40.4	141.6	7	Ci.-S.	S.-Cu.	10	------	N. S
15	SE	SE	SE	SSE	Calm	SE	31.9	99.8	73.8	30.9	236.4	6	Ci.-S.	S.-Cu.	8	A.-Cu.	Cu.
16	E	E	SE	SE	SE	Calm	43.5	69.5	93	25.7	231.7	5	Ci.-S.	S.-Cu.	10	A.-Cu.	S.-Cu. E
17	SE	SE	SE	S	Calm	Calm	56.6	90.1	83.4	33.1	263.2	10	------	S.-Cu.	9	A.-Cu.	Cu.
18	Calm	Calm	SE	W	NW	W	32.8	48.3	80.5	29	190.6	10	------	S.-Cu.	10	------	N. NW
19	Calm	Calm	SE	NW	N	Calm	25.5	48.1	120.2	41.1	234.9	10	------	S.-Cu.	9	A.-Cu.	S.-Cu. NW
20	Calm	Calm	SE	SSE	Calm	Calm	24.6	35.9	57.4	17.9	135.8	9	------	S.-Cu. SE	9	A.-Cu.	Cu.-N.
21	E	Calm	SE	NW	SW	S	31.9	50.2	60.8	48.9	191.8	4	Ci.-S.	S.-Cu.	8	A.-Cu.	S.-Cu. ENE
22	SE	SE	SE	SE	SE	SE	59.8	100.1	80.7	62.5	303.1	10	------	N.	10	A.-Cu.	S.-Cu. SE
23	SE	S	SE	N	N	NW	41.1	35.9	97.2	104.3	278.5	9	A.-Cu.	S.-Cu. S	6	A.-Cu.	Cu.
24	NW	NW	NW	NW	SW	SE	132	207.6	233.1	137.7	710.4	10	A.-Cu.	S.-Cu. ENE	10	------	N. NW
25	SE	SE	SE	SE	SW	NE	71.7	91.9	79.7	51.2	294.5	9	A.-Cu.	S.-Cu. SSE	6	Ci.-S.	Cu.
26	Calm	Calm	NW	NW	NW	W	18.5	40.2	124.2	61.5	244.4	10	A.-Cu.	S.-Cu.	6	Ci.-S.	Cu.
27	Calm	S	SE	W	NW	Calm	26.2	54.7	76.4	26.9	184.2	10	------	N.	9	------	N. WNW
28	SE	SE	SE	W	S	SE	59.5	61.5	56.1	47	224.1	10	------	N. WSW	10	------	N. SW
29	SE	E	SE	S	SE	SE	76.9	75.1	89	104.6	345.6	10	------	N.	10	------	N. SW
30	SE	SE	SE	S	SE	SE	99.5	106.7	56.5	70.1	332.8	10	------	N. SE	10	------	N. S
Mean	------	------	------	------	------	------	46.8	68.1	77.2	50.6	242.6	8.9	------	------	8.9	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,278.6	----	------	------	------	------	------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, −1.67 mm.]

OCTOBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.42	57.36	58.11	56.85	57.84	59.58	24.7	24.5	29	27.6	26	25.6	32	24.3	98	98	82	91	96	98	1
2	58.30	57.86	58.87	57.02	56.85	57.96	25	24.8	29	30.6	27.4	26.1	32.1	24.5	98	98	81	78	89	95	6.1
3	57.20	56.87	57.88	55.62	56.35	57.89	25.3	23.8	29	29.4	26.2	24.4	30.8	23.4	96	98	81	79	96	97	10.4
4	57.25	57.19	58.50	57.60	57.71	59.28	24.2	24	26.7	28.1	26.5	25.1	29.5	23.9	97	97	86	90	93	96	.8
5	58.75	58.89	59.95	57.36	57.99	59.66	24.3	23.9	28	32.3	28.7	26.7	33.6	23.7	96	97	85	72	85	97	1
6	59.18	58.88	59.20	57.14	57.47	59.12	25.8	24.6	29.1	31.2	28.1	26.9	32.5	24.4	93	98	82	72	88	94	.8
7	58.58	58.26	58.96	57.18	57.58	59.08	25.6	25.2	30	31	28.1	28	31.8	25	98	98	82	76	87	88	10.2
8	57.85	57.32	58.55	57.05	57.71	58.86	27	26	29.1	29.4	25.8	25.2	31.4	24.6	90	94	86	84	97	98	47.6
9	58.30	57.37	58.71	57.07	57.39	59.23	25.5	25.6	28.1	29.6	26.9	24.4	30.1	24	94	93	79	79	93	97	2.6
10	58.62	58.27	59.30	57.03	58.27	60.06	24.1	23.9	29.3	33.2	26.7	25.3	33.9	23.5	98	97	74	63	90	92	------
11	59.14	59.44	60.55	58.08	59.45	60.51	24.2	23.6	28	32	27.4	25.5	32.7	23.4	97	98	80	60	86	93	------
12	59.66	59.60	60.84	58.57	59.42	60.28	24.5	23.8	30.8	31.8	28.2	27.3	32.7	23.5	95	97	70	66	84	89	------
13	59	59.29	60.14	58.03	58.15	60.20	25	23.5	30.6	29.6	28.3	25.4	32.8	23.4	96	97	67	75	85	93	------
14	59.26	59.01	60.43	58.06	59.23	60.89	24.6	24.1	31.2	31	27.4	24.1	33.4	23.6	97	91	68	69	89	96	.5
15	60.12	59.90	61	58.56	59.04	60.99	23.8	23.4	30.6	31.9	28.1	24.5	33.3	23.1	97	98	73	69	85	97	16.5
16	60.10	60	60.42	58.15	59	60.53	24	23.5	30.2	30.9	27.7	26.2	32.2	23.3	97	98	78	74	85	94	3
17	59.60	59.92	60.89	58.32	59.28	60.68	24.9	24.2	30.6	32.3	27.2	24.1	33.2	23.9	98	98	72	62	84	97	4.6
18	60.16	60.54	61.37	59.04	59.38	61.29	23.9	23.4	30.2	33.3	28.7	24.9	34.1	23.1	97	96	71	59	81	92	------
19	60.71	60.72	61.48	58.78	58.79	60.43	23.2	22.6	30.9	33.4	28.4	26	34	22.4	98	98	64	58	72	90	------
20	60.03	60.26	60.89	58.71	58.80	60.05	24.3	23.6	31.2	32	28.5	27.3	33.3	23.3	96	95	66	61	75	84	------
21	59.60	59.59	60.12	58.16	59.07	60.18	24.5	23	31.4	32.9	28.6	27.6	34.4	22.8	97	97	60	56	73	83	------
22	59.80	60.30	60.61	58.31	58.94	60.23	24.6	23.6	31.3	32.8	28.4	25.4	33.8	23.4	95	96	65	54	75	86	------
23	59.28	59.52	60.43	58.61	58.38	59.53	24	23.2	32	33.3	28.6	27.6	35.1	23	95	93	60	61	81	83	------
24	58.86	58.67	59.83	57.60	57.84	60.34	24.8	23.5	31.6	34.6	29	26	35.5	23	92	91	65	54	82	84	------
25	59.48	59.70	61.01	58.51	58.49	60.79	24.6	23	31.5	34	28.7	25.9	34.6	22.8	90	95	64	51	80	93	------
26	60	60.57	60.98	58.06	58.19	59.85	24.4	23.4	31.5	32.6	28.5	25.5	34.3	23.1	93	94	63	64	78	89	------
27	59.21	59.48	60.46	58.23	58.28	59.94	25	24.4	31.6	31.8	28.4	27.8	33.8	24	90	90	65	64	81	84	------
28	59.25	58.67	59.94	57.49	58.13	59.63	24.6	23.6	30.8	34.4	28.6	26	35.2	23.4	93	96	68	50	79	87	------
29	58.45	58.41	59.91	57.88	58.17	60.03	23.9	22.8	31.8	32.3	28.5	26.1	34.5	22.6	96	96	56	60	77	93	------
30	58.44	58.92	59.46	56.72	56.59	57.79	24.4	23.4	31	32.6	28.6	25.9	33.3	23	93	91	65	58	78	92	------
31	56.51	56.57	57.13	54.71	55.41	56.70	24.2	23.4	31.9	32.5	29	26.5	34.4	23.2	95	97	65	66	83	93	------
Total	58.97	58.95	59.87	57.69	58.17	59.73	24.6	23.8	30.3	31.8	27.9	25.9	33.2	23.5	95.3	95.8	71.7	66.9	84.1	91.7	------
Mean	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	105.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	SE	SE	N	E	Calm	70.8	77	52.1	24.7	224.6	9	------	S.-Cu.	10	------	N. SW
2	Calm	SE	Calm	SW	Calm	NW	28.3	33.8	64.7	37	163.8	9	------	S.-Cu.	9	A.-Cu.	S.-Cu.
3	Calm	Calm	SW	NW	S	Calm	44.4	29.3	51.7	45.3	170.7	10	------	S.-Cu.	10	A.-Cu.	S.-Cu.
4	SE	SE	SE	SE	SE	SE	52.9	83.5	56.5	78.1	271	10	------	N. SE	10	------	S.-Cu.
5	SE	SE	SE	SE	W	Calm	71.4	66.8	43.8	26	208	9	------	S.-Cu. SE	9	Ci.	Cu.
6	Calm	SE	Calm	N	NNW	W	37.5	34.8	82.6	56.3	211.2	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
7	Calm	Calm	NW	NW	NW	NW	22.3	38.3	107.8	83.9	252.3	9	Ci.	S.-Cu.	9	A.-Cu.	S.-Cu. NW
8	W	W	NW	NW	NW	NE	78.4	72.7	79.8	47.3	278.2	10	------	S.-Cu. NW	10	------	N. WNW
9	W	NW	NW	N	NW	SE	46.7	54.5	60.1	46.5	207.8	10	------	N.	10	A.-Cu.	S.-Cu.
10	SE	SE	SE	SE	Calm	SE	55.6	78.9	58.5	54.2	247.2	10	Ci.	S.-Cu. SE	9	Ci.-S.	S.-Cu. SE
11	SE	SE	Calm	N	SE	Calm	47.2	31.9	54.4	26.8	160.3	9	Ci.	S.-Cu. SE	9	Ci.	S.-Cu.
12	Calm	Calm	SE	NW	NW	NW	29	35.7	58.7	47.6	171	6	Ci.	Cu.	7	Ci.	S.-Cu.
13	Calm	SE	SE	N	NW	SE	30.6	42	68.9	48.5	190	6	Ci.-S.	Cu.	9	Ci.-S.	S.-Cu.
14	Calm	SE	SSE	Calm	NW	Calm	38.1	74	67.3	42.4	221.8	9	------	S.-Cu.	7	Ci.-S.	Cu.
15	Calm	Calm	SSE	Calm	NW	NW	23.8	60.9	66	61.2	211.9	8	Ci.	S.-Cu.	9	Ci.-S.	Cu.
16	SE	S	Calm	NW	NW	Calm	34.9	34.6	68.9	35.4	173.8	10	Ci.	S.-Cu.	6	Ci.-S.	Cu.-N.
17	SE	SE	SSE	Calm	E	Calm	40.2	63.7	45.9	33.1	182.9	9	------	S.-Cu. SE	7	A.-Cu.	Cu.
18	SE	SE	SSE	SE	N	Calm	40.4	79.4	50.1	37.2	207.1	9	------	S.-Cu.	2	------	Cu.
19	S	SE	SE	NNW	N	Calm	36	52.1	55	25.4	168.5	1	------	Cu.	4	------	Cu.
20	Calm	E	SE	NW	NNW	Calm	27.6	46.2	64.4	51.8	190	4	------	S.-Cu.	2	------	Cu.
21	Calm	SE	SE	NNW	Calm	N	30.4	48.5	57.6	31.2	167.7	1	------	Cu.	6	A.-Cu.	Cu.
22	SE	SE	Calm	NW	SE	SE	36.2	33.8	42.8	37.3	150.1	1	Ci.	Cu.	9	A.-Cu.	S.-Cu. E
23	E	Calm	SE	N	N	N	48	42	76.2	49.2	215.4	1	Ci.	Cu.	5	------	Cu.
24	S	SE	S	S	N	Calm	37.6	59.5	58.4	37.9	193.4	1	Ci.	------	4	------	Cu.
25	Calm	SE	SE	SW	N	SW	36.3	49.7	57.6	41.5	185.1	0	------	------	2	------	Cu.
26	S	SE	SE	NNW	Calm	S	30.8	46.9	57.9	45.9	181.5	1	------	Cu.	6	------	S.-Cu SE
27	SE	SE	Calm	NW	N	Calm	44.6	45.6	79.5	50.4	220.1	6	------	S.-Cu. E	5	Ci.	Cu.
28	SW	SE	SSE	SE	N	S	31.2	69.8	72.7	44.9	218.6	2	Ci.	S.-Cu.	6	Ci.-S.	Cu.
29	SE	SE	SE	N	N	Calm	36.5	48.6	69.8	45.3	200.2	7	Ci.	Cu.	2	Ci.	Cu.
30	SE	SE	N	NW	NW	Calm	47.8	34.3	65.5	36.2	183.8	3	Ci.	Cu.	2	------	Cu.
31	Calm	Calm	E	NNW	NW	Calm	23.3	28.5	70.1	39.7	161.6	1	Ci.	------	6	Ci.	Cu.
Mean	------	------	------	------	------	------	40.6	51.5	63.4	44.1	199.7	6.1	------	------	6.7	------	------
Total	------	------	------	------	------	------	------	------	------	------	6,189.6	------	------	------	------	------	------

DAGUPAN.

[ϕ=16° 03′ N ; λ=120° 20′ E ; barometer above sea, 2.7 meters ; gravity correction not applied, —1.67 mm.]

NOVEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	55.62	55.40	56.60	53.94	54.65	56.32	25	24	31.5	33	27.2	26.3	33.9	23.6	92	90	67	64	80	79	------
2	55.30	56.07	57.50	55.99	56.72	59.39	26.5	25.8	27.8	27.9	26.2	23.5	31.6	23.2	79	78	81	84	82	96	3.9
3	57.94	58.24	59.17	56.60	57.70	59.15	23.6	24.2	29.2	32.4	28.4	26.1	34.1	23	97	90	74	66	78	86	------
4	57.95	58.80	60.27	57.60	57.90	59.81	25.2	24.7	28.4	28.7	26.6	24.9	31.6	23.9	90	90	80	80	86	88	------
5	58.96	58.98	59.94	57.94	58.43	59.88	23.5	22.8	30.6	30.9	27.9	26.2	32.4	22.5	96	97	65	74	84	94	------
6	59.40	59.22	59.80	57.48	58.08	59.66	23	22	31	33.4	28.1	24.7	34.2	21.7	97	96	62	54	80	90	------
7	58.94	59.23	60.01	57.88	58.53	59.37	23.1	22.4	31.2	32.2	28.1	27.5	34.2	22.2	97	97	66	62	78	85	------
8	58.71	59.11	59.66	57.42	58.28	59.54	24.3	23.6	31.2	31.6	28	25.9	34.4	23.3	96	96	68	66	85	97	.8
9	58.60	58.48	58.89	56.36	57.38	57.99	24.6	23.6	31	31	28.1	27.6	32.6	23.4	97	97	71	68	85	89	------
10	57.05	57.15	57.77	55.34	56.38	57.43	25.6	24.1	30.2	28.6	27.8	26.6	31.1	23.8	95	98	73	82	86	91	6.6
11	56.90	57.22	57.60	55.43	56.25	57.73	23.4	24	28.4	29.7	27.9	25.4	31.1	23.2	98	98	82	79	86	93	------
12	56.73	57.12	58.44	56.08	57.22	58.16	24	23.4	28.9	30.3	25.5	24.2	31.9	23.1	98	97	83	70	93	95	------
13	57.77	57.68	58.83	55.97	56.28	56.81	22.9	22	29.6	29.4	27	24.6	31.1	21.8	97	97	74	75	87	97	2.5
14	55.88	55.49	55.93	53.60	53.96	54.91	24	23.8	27.5	28.9	25.5	25.4	29.9	23.4	98	97	87	79	93	86	------
15	54.60	55.57	57.10	54.76	55.33	57.75	25.4	24.3	30.5	33.1	28.3	25.6	33.7	24.1	88	93	71	63	79	92	------
16	57.29	57.17	57.49	55.49	56.90	59.01	23.8	23.1	31.1	33.8	27	26.1	34.7	22.9	97	97	69	55	85	75	2.6
17	58.07	57.89	59.46	57.39	57.19	58.40	23.2	22.7	26.6	27.5	25.6	24.5	29.1	22.4	97	98	89	84	93	97	1.5
18	58.47	59.01	60.17	57.70	58.08	59.26	23.6	23.2	29.6	29.5	27.3	25.5	31	22.8	97	95	74	77	86	97	.5
19	58.20	58.26	59.24	56.66	57.37	58.61	24.8	24.3	30.2	31	28	25.1	33.8	24	97	97	71	69	87	88	3.3
20	58.25	58.70	59.33	57.13	57.73	58.64	23.4	22.3	28.9	30	27	24.9	31.2	22	96	98	74	74	89	97	------
21	57.73	57.78	58.60	56.54	56.98	57.80	23.8	23	30.9	30.8	27.6	25.2	34.1	22.7	96	97	69	74	88	98	------
22	56.61	56.02	56.71	53.31	53.11	55.48	23.8	23.5	26.5	27.4	26.2	25.5	27.8	23.2	97	97	78	88	91	84	.8
23	55.28	56.37	57.98	55.54	56.44	58.04	23.5	24.2	26.5	30.8	28.6	25.9	32.6	23.1	95	90	80	68	78	88	------
24	57.25	57.90	58.99	56.66	57.44	59.08	25.3	24.7	29.4	29.7	28.3	26.2	33.6	24.5	89	90	74	75	86	84	------
25	58.22	58.13	58.79	56.50	57.19	59.36	24.1	23.1	30.9	32.5	27.7	24.5	34.6	22.8	95	96	69	64	72	86	------
26	58.86	58.73	59.97	57.52	58.15	59.64	23.5	22.1	29.5	31.5	27	23.8	32.4	21.9	90	96	68	65	80	91	------
27	58.93	59.28	59.89	57.48	58.04	59.31	22.4	21.7	30.3	31.2	27.1	23.2	33.3	21.4	95	96	66	67	76	90	------
28	58.84	58.96	59.63	57.95	57.79	59.03	21.5	21.2	29.5	29.1	26.8	23.8	30.8	20.6	96	96	68	74	86	98	------
29	58.46	58.50	59.28	57.26	57.74	59.08	22	21	28	31	26.9	23.8	33.3	20.5	98	98	79	62	83	88	----
30	58.61	59.06	60.43	58.05	58.29	59.85	21.8	21.3	29.1	30.3	27	23.1	32.4	21	98	95	74	68	86	95	------
Mean	57.65	57.85	58.78	56.45	57.05	58.48	23.8	23.2	29.5	30.6	27.3	25.2	32.4	22.7	94.9	94.9	73.5	71	84.3	90.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	22.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	Calm	S	NNW	SE	SE	44.1	26	60.8	67.9	198.8	9	Ci.-S.	S.-Cu. SE	9	A.-Cu.	S.-Cu. E
2	SE	SE	SE	SE	SE	SE	84	71	85.3	90.1	330.4	10	------	S.-Cu. SE	10	------	S.-Cu. ESE
3	SSE	SSE	SSE	SE	SE	SE	92.3	100.7	102.8	71	366.8	9	A.-Cu.	S.-Cu. SE	9	A.-Cu.	S.-Cu. SSE
4	Calm	SE	SE	SSE	Calm	S	43.1	65.8	92.3	33	234.2	9	Ci.	S.-Cu. SE	10	A.-Cu.	S.-Cu.
5	ESE	SE	SE	NW	N	W	44.3	50.8	72.4	45.1	212.6	2	Ci.	S.-Cu.	5	Ci.	Cu.
6	S	SE	SSE	SE	Calm	SW	43.7	58.2	53.1	30.4	185.4	7	Ci.	S.-Cu.	4	Ci.	Cu.
7	E	SE	SE	N	NNW	NW	35.7	44.9	62.6	38.8	182	1	------	S.-Cu.	6	Ci.	S.-Cu.
8	Calm	E	SE	NW	Calm	Calm	31.5	53.9	51	23	159.4	6	Ci.	S.-Cu.	8	------	S.-Cu. E
9	Calm	SE	SE	NW	NW	NW	25.9	41.1	92	69.8	228.8	4	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N.
10	SW	NW	NW	NW	NW	NE	32.8	50.1	108.7	73.5	265.1	7	Ci.	S.-Cu.	7	A.-Cu.	Cu.-N.
11	E	Calm	SE	NW	NW	W	30.4	35.1	86.9	36.2	188.6	9	------	S.-Cu.	6	Ci.-S.	Cu. NW
12	SW	SE	NW	NW	SE	SE	36.2	30.9	41.5	29	137.6	8	------	S.-Cu. SE	10	------	Cu.-N. SE
13	SE	Calm	SE	N	Calm	Calm	25.5	32.2	50.8	16.9	125.4	9	------	S.-Cu.	10	A.-Cu.	Cu.
14	NW	E	NW	NW	S	SE	32.2	45.3	50.1	85.8	213.4	10	------	S.-Cu. N	10	A.-Cu.	S.-Cu. E
15	SE	SSE	SE	SE	S	Calm	85.9	113	91.1	29.2	319.2	9	A.-Cu.	S.-Cu. SE	6	Ci.	Cu. SE
16	SE	SE	SE	SE	Calm	SE	26.9	79.8	108.7	41	256.4	3	Ci.	S.-Cu.	5	Ci.	Cu.
17	Calm	S	Calm	W	W	Calm	25	24.9	36.3	17.2	103.4	10	------	N.	10	A.-Cu.	S.-Cu.
18	Calm	S	SSE	NW	NW	Calm	28.4	46.4	61.4	15.1	151.3	10	------	N.	9	A.-Cu.	S.-Cu. E
19	Calm	SW	S	NNW	Calm	S	19	57.6	71.1	44	191.7	10	------	S.-Cu. E	7	A.-Cu.	Cu.
20	SE	Calm	Calm	NW	Calm	Calm	52.9	28.7	57.7	19.6	158.9	10	------	S.-Cu.	7	Ci.-S.	Cu.
21	SW	Calm	SE	N	NW	Calm	25.5	41.5	61.7	23.6	152.3	5	Ci.	S.-Cu.	9	A.-Cu.	S.-Cu. E
22	Calm	Calm	NW	NW	Calm	SE	15.6	56.6	94.6	110.2	277	10	------	S.-Cu. NE	10	------	N. NW
23	SE	SSE	SSE	SE	SE	Calm	117	117.3	101.7	43.7	379.7	10	------	S.-Cu. SE	9	Ci.-S.	Cu.
24	SE	SE	SE	NNW	Calm	S	64.2	75.1	52.9	48.5	240.7	6	Ci.	S.-Cu.	6	Ci.	S.-Cu.
25	SE	E	SE	SE	SE	Calm	37.6	46.2	106.5	48.1	238.4	3	------	S.-Cu.	8	A.-Cu.	S.-Cu. ESE
26	SE	S	S	NW	Calm	S	30.4	38.3	31.1	26.3	126.1	10	Ci.	S.-Cu.	10	A.-Cu.	S.-Cu. E
27	SE	E	E	NNW	SE	SSE	37.8	51.2	56.8	33.6	179.4	6	Ci.	S.-Cu.	8	A.-Cu.	S.-Cu.
28	Calm	Calm	Calm	NW	NW	Calm	26.9	37.3	64.4	27.4	156	5	------	S.-Cu.	9	A.-Cu.	Cu.
29	ESE	SE	Calm	N	Calm	SW	34.4	32.2	49.7	32.8	149.1	9	------	S.-Cu.	6	Ci.-S.	Cu.
30	Calm	SE	SE	NW	NW	NW	29.5	49.4	79.2	35.6	193.7	4	Ci.	S.-Cu.	9	A.-Cu.	Cu.
Mean	------	------	------	------	------	------	38.6	53.4	71.2	43.5	206.7	7.3	------	------	8	------	------
Total	------	------	------	------	------	------	------	------	------	------	6,201.8	----	------	------	----	------	------

DAGUPAN.

[φ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

DECEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.06	59.44	60.04	57.95	57.99	59.19	22	21.9	29.7	30.7	27.4	24	31.4	21.5	97	97	71	68	86	95	------
2	58.70	59.51	60.38	58.17	58.39	59.69	24	22.7	29.3	30.6	27.5	24.1	31.6	22.5	96	97	75	74	75	91	------
3	58.87	58.66	59.83	57.35	58	59.50	22.4	21.5	29.1	28.9	27.6	23.6	31.1	21.3	93	93	71	83	66	96	0.8
4	58.92	58.88	59.30	57.56	58.61	60.23	22.7	22.3	27.2	30.6	26.6	24	32.9	21.9	97	98	80	65	80	88	------
5	59.71	60.25	61.44	58.63	59.98	61.23	23.4	23.2	28.5	33	27.9	24.7	33.9	22.9	92	93	75	56	90	91	------
6	60.83	61.02	61.36	58.71	59.56	60.63	22.6	22	31.6	34.1	28	24.2	34.5	21.5	96	95	63	56	75	90	------
7	59.45	59.40	59.96	57.47	58.49	59.40	22.5	21.5	31	29.8	27.4	24.7	33.9	21.2	96	97	65	77	78	87	------
8	58.40	59.12	60.28	57.46	57.88	59.27	22.5	21.2	29.8	31.6	27.1	26.5	32.6	20.9	96	98	72	65	89	91	------
9	58.73	59.14	60.08	57.28	57.55	59.06	22.8	21.6	30.1	31.6	26.7	24	33.8	21.3	97	98	68	68	90	93	------
10	58.67	58.97	60.19	58.23	58.56	59.44	21.7	19.9	29.3	29.7	26.4	24.1	31.1	19.5	96	98	70	72	90	98	------
11	59.50	59.65	60.78	58.19	58.69	60.44	21.4	20.3	29.8	30.5	27	24	33.3	20	98	98	65	68	90	97	------
12	58.95	59.07	60.10	57.64	58.48	59.95	21.9	21	30	30.7	27.1	24.4	32.4	20.6	97	96	66	70	83	89	------
13	59.03	59.22	60.08	57.04	57.33	59.19	22.9	21.5	29.2	30.7	27.6	24.5	31.5	21.1	97	98	78	72	91	96	------
14	58.71	58.32	59.34	56.85	57.29	59.18	24.1	23	30.2	30.5	27.4	25.8	32.2	22.8	96	98	73	72	91	98	------
15	58.56	58.30	59.45	57.12	58	59.51	23.9	23	29.5	29.9	27.5	25.1	30.7	22.6	97	98	78	77	88	96	------
16	58.48	58.78	60.08	58.03	58.90	60.14	23.4	22.7	29.5	30.1	27.6	24.9	32.7	22.4	97	97	70	73	86	86	------
17	59.30	59.07	59.65	57.01	58.14	59.79	23.9	23	29.5	32.2	25.5	22.5	33.3	21.9	92	88	68	59	81	87	------
18	59.31	59.67	60.27	58.03	58.88	60.54	21.6	21.4	29.2	31.8	25.7	22.5	32.5	21.2	91	90	67	60	75	88	------
19	59.82	60.05	61.28	58.32	58.81	60.63	21.8	20.9	29.4	31.8	26.4	23	32.9	20.7	90	91	66	58	73	88	------
20	59.81	59.86	60.80	58.11	58.59	60.28	21.7	20.6	28.5	31.6	25.5	22.9	32.4	20.4	91	94	74	60	92	90	------
21	59.30	60.09	60.34	57.95	58.31	59.52	20.5	19.3	26.4	29.1	26.1	23.4	29.6	19	95	98	78	71	89	97	------
22	58.91	58.69	58.90	56.65	57.75	59.14	21.5	21	28.4	29.8	26.2	23.1	31.8	20.8	99	99	75	78	83	95	------
23	58.21	58.47	59.19	57.14	57.90	59.60	21.6	20.8	26.9	28.6	26.7	24.1	29.7	20.5	96	98	80	82	90	99	------
24	58.25	58.89	60.35	57.76	58.68	60.70	22.1	20.7	27.9	31	26.6	23.4	32.8	20.3	99	99	69	72	82	89	------
25	60.44	60.67	62.23	59.68	60.06	60.94	21.6	20.2	28	28.5	26.3	26	30	20	95	98	76	84	90	90	------
26	60.11	60.21	61.21	58.77	59.24	61.09	24.8	24.4	27.8	29.3	26.3	24	29.7	22.9	93	92	78	73	91	95	------
27	60.10	60.71	61.78	59.84	60.73	62.20	22.9	22.3	29.4	30.6	27.2	25.4	31.2	21.8	97	96	74	72	90	97	------
28	61.80	62.24	63.05	60.77	62.05	62.34	22.9	22.5	26.6	29.4	26	23.8	29.9	22.1	97	97	83	76	86	90	------
29	61.49	61.42	62	59.22	60.29	61.41	22.4	21.4	28.6	30.8	26.1	23.7	32.8	21	96	97	71	65	80	89	------
30	61.07	60.91	62.20	59.31	59.57	60.70	21.8	20.2	28.5	30	26.7	24.4	32.4	19.8	93	97	70	69	87	90	------
31	59.81	59.75	60.74	58.47	60.18	61.85	23	22.1	29.2	30	26.3	22.9	32.6	21	95	95	67	75	74	83	------
Mean	59.43	59.63	60.54	58.09	58.80	60.22	22.5	21.6	29	30.6	26.8	24.1	32.1	21.2	95.4	96.1	72.1	70	84.2	91.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	0.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	E	SE	NNW	N	Calm	33.6	51.8	75.6	22.7	183.7	2	Ci.	S.-Cu.	7	Ci.	Cu.
2	S	NE	N	NW	E	Calm	67.8	36	58.4	29.8	192	2	Ci.	S.-Cu.	8	A.-Cu.	Cu.
3	Calm	SE	Calm	N	SE	S	35.2	56.3	62.2	90.3	244	10	------	S.-Cu.	10	A.-Cu.	S.-Cu. E
4	SSE	SE	SE	SE	SE	SE	67.3	48.6	119.1	72.4	307.4	10	------	S.-Cu.	10	A.-Cu.	S.-Cu. SE
5	S	SE	S	SE	Calm	Calm	69.2	66	79.5	32.4	247.1	8	------	S.-Cu.	8	Ci.	S.-Cu. E
6	Calm	SE	SE	SE	Calm	S	50.7	101.4	75.3	31.5	258.9	1	Ci.	S.-Cu.	4	------	Cu.
7	SE	SE	SSE	NW	SE	SE	36	61	53.6	45.4	196	5	------	S.-Cu.	9	------	S.-Cu. SE
8	SE	SE	SE	NW	NW	NW	41.5	48.1	75.8	59.7	225.1	1	------	S.-Cu.	5	A.-Cu.	Cu.
9	Calm	S	SSE	NW	NW	S	31.1	59.2	67.1	41.6	199	1	------	S.-Cu.	1	Ci.	Cu.
10	SE	SE	SE	NW	Calm	Calm	38.6	48.6	58.2	27.6	178	1	Ci.	------	2	Ci.	Cu.
11	SE	SE	SE	N	N	SW	42.4	50.2	84.2	34.8	211.6	2	Ci.	S.-Cu.	4	------	Cu.
12	S	SE	SE	NNW	SE	S	41.8	41.8	60.9	69.7	213.7	1	Ci.	S.-Cu.	6	Ci.	S.-Cu. ENE
13	S	S	SW	NW	N	SW	23.4	38	60.1	26.9	148.4	4	Ci.	S.-Cu.	9	Ci.-S.	Cu.
14	SE	SE	SE	NW	NW	Calm	42.8	39.1	84.8	28.3	195	3	------	S.-Cu.	8	Ci.-S.	S.-Cu.
15	Calm	Calm	Calm	NW	NW	Calm	21.5	35.9	84.5	34.6	176.5	8	------	S.-Cu.	8	Ci.	Cu.
16	S	SE	SE	NW	Calm	S	29	38.6	73.7	45.7	187	9	------	S.-Cu.	8	A.-Cu.	S.-Cu.
17	S	S	SE	SE	S	S	73.8	103	109.7	112.7	399.2	7	------	S.-Cu.	8	A.-Cu.	Cu.
18	S	S	SSE	SSE	SE	S	105.9	125.8	148.9	102.4	483	1	Ci.	S.-Cu.	4	A.-Cu.	Cu.
19	S	S	S	SE	SE	SE	97.7	88.8	78.4	92.8	357.7	1	Ci.	------	7	Ci.	Cu.
20	S	S	S	Calm	Calm	SE	63	63.3	47.3	37	210.6	1	------	S.-Cu.	9	A.-Cu.	Cu.
21	SE	SE	SE	NW	NW	Calm	34.6	37	71.3	33.5	176.4	10	------	S.-Cu.	7	A.-Cu.	Cu.
22	W	Calm	NW	SW	Calm	Calm	25.1	24.6	45.3	24.1	119.1	10	------	S.-Cu.	9	A.-Cu.	S.-Cu.
23	Calm	S	Calm	NW	NW	SW	26	29.2	69.7	32.8	157.7	10	------	S.-Cu.	10	A.-Cu.	S.-Cu. ENE
24	Calm	SE	SE	NNE	Calm	S	25.2	50.2	42.1	59.5	177	4	------	S.-Cu.	9	A.-Cu.	Cu.
25	S	S	SE	NW	NW	NNW	37.8	42.3	87.7	89.9	257.7	10	------	S.	9	A.-Cu.	Cu.
26	NNE	N	NW	NW	NW	Calm	76.7	53.7	65.7	28.4	224.5	1	------	S.-Cu.	9	A.-Cu.	S.-Cu.
27	S	S	SSE	NW	NNW	Calm	37.2	53.6	67.1	31.2	189.1	5	------	S.-Cu.	9	A.-Cu.	S.-Cu.
28	S	SE	SSE	S	SE	SE	36	63.7	89.8	76.4	265.9	9	------	S.-Cu.	10	A.-Cu.	S.-Cu.
29	SE	S	SSE	SSE	SE	S	40	93.3	103.3	101.1	337.7	1	------	S.-Cu.	9	Ci.	Cu.
30	S	S	S	NW	Calm	S	58.2	52.1	48.1	54.7	213.1	3	------	S.-Cu.	9	A.-Cu.	Cu.
31	SSE	SE	SSE	N	SE	S	92.3	85.6	88.8	91.5	358.2	1	------	S.-Cu,	7	Ci.	S.-Cu. SE
Mean	------	------	------	------	------	------	48.4	57.6	75.4	53.6	235	4.6	------	------	7.5	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,285.3	----	------	------	----	------	------

BOLINAO.

[ϕ=16° 24′ N ; λ=119° 53′ E ; barometer above sea, 8.5 meters ; gravity correction not applied, —1.65 mm.]

JANUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.94	59.21	60.25	58.11	58.45	59.91	24.6	24.4	27.6	28.3	26.8	26.3	28.6	24.3	90	91	81	79	82	84	------
2	59.28	59.66	61.30	59.55	59.86	61.17	25.8	24	28.5	27.8	26.3	26	28.7	23.9	85	91	83	77	82	83	------
3	60.84	61.20	61.95	59.59	60.81	61.95	24.8	21.3	27.7	29.6	26.8	23.8	29.9	21.1	85	89	74	70	78	85	------
4	61.77	62.02	62.70	60.64	61.25	62.41	22.8	22.7	27.9	28.9	27.1	26.4	29.3	22.6	89	90	79	74	78	81	------
5	61.47	61.36	62	59.65	59.60	61.49	25.2	23.1	27.7	30.3	27.9	25.4	30.6	23	85	91	83	68	74	84	------
6	60.72	59.80	61.25	59.54	59.66	60.60	22.8	22.6	28.7	29.4	27	26.1	29.7	22.5	84	84	69	67	79	82	------
7	59.42	58.77	59.39	57.30	57.96	59.17	24.1	22.2	27.6	31.6	27.2	23.9	31.9	22	86	90	70	59	75	75	------
8	58.39	58.51	60.39	58.37	58.04	58.84	22.5	21.1	26.6	30	26.4	22.8	30.4	20.9	79	83	67	65	73	84	------
9	58.09	58.41	59.41	57.14	58.38	59.33	21.8	20.8	27.7	28.8	27	25.2	29.1	20.7	87	91	76	71	78	85	------
10	58.85	58.73	59.79	57.54	57.59	58.51	22	20.6	28.4	31.8	27.7	23.7	32.2	20.4	89	91	71	61	74	84	------
11	57.79	57.58	58.58	56.41	56.73	57.72	21.5	19.6	27.8	30.6	27	25.4	31	19.4	87	89	69	64	72	81	------
12	57.52	57.81	59.37	57.21	56.86	57.98	23	20.9	27.9	28.9	26.8	25.5	29.2	20.8	87	87	74	71	77	80	------
13	57.64	57.40	58.26	56.52	56.65	57.19	22	21	27.4	29.3	26.4	21.8	29.7	20.9	87	87	70	65	76	85	------
14	57.36	57.83	59.39	57.70	57.86	58.51	21.2	20.8	27.2	27.6	25.9	25.8	27.8	20.7	89	91	75	70	73	78	------
15	58.63	58.63	59.44	57.30	58.55	59.72	24	20.9	26.9	29.9	26.6	23.9	30.2	20.8	84	88	74	67	72	81	------
16	59.21	59.51	61.17	58.86	59.30	60.43	22	22	27.1	30.7	26.5	23.9	31.1	21.8	81	81	70	64	75	83	------
17	60.20	60.21	61.16	58.81	58.83	60.14	21.7	21	27	30.4	26	25.1	30.7	20.9	85	85	69	63	72	79	------
18	59.25	59.45	60.55	58.68	58.57	60.27	21.8	19	26.6	27.4	25.6	22.5	27.7	18.8	83	90	72	67	73	82	------
19	59.89	60.21	61.07	59	59.46	60.70	20.5	20.3	26.6	27.5	26	24.5	27.8	20.2	87	87	73	68	75	77	------
20	60.31	60.70	61.73	60.12	59.80	60.80	23.1	22.7	25.9	27.7	25.9	24.5	28	22.6	80	79	75	68	73	78	------
21	59.95	60.35	61.61	59.46	59.72	61.02	23.6	23.9	28	28.5	26.5	26.1	28.8	23.5	81	81	77	75	81	81	0.5
22	60.34	60.40	62.16	59.79	59.36	60.89	25.4	24.3	26.5	28.1	26.5	25	28.4	24.2	84	89	80	77	84	87	------
23	60.22	60.37	61.84	59.25	59.65	61.39	23.5	23.1	28.3	30.7	27.3	25.1	31.1	23	89	91	76	69	77	85	------
24	60.77	60.78	61.95	59.96	59.90	61.29	23.8	21.7	27.4	29.3	26.5	25.5	29.7	21.6	87	91	76	71	81	84	------
25	61.16	61.36	63.33	61.33	60.98	61.95	24.7	24.6	25.1	25.6	23.9	23.2	25.8	23.1	83	79	76	73	77	77	------
26	61.21	60.84	62.38	60.50	60.41	61.78	23	22.4	25.6	26.6	24.8	22.9	26.9	22.3	78	79	71	68	72	83	------
27	61.27	61.59	63.45	61.66	61.35	62.75	20.7	19.6	26.2	29.6	25.5	22.3	29.9	19.4	85	87	72	66	73	81	------
28	62.24	61.93	63.40	60.97	60.57	61.36	20.8	20.4	26.4	29.3	25.1	24.6	29.6	20..3	83	83	69	63	75	79	------
29	60.67	60.48	61.81	59.61	59.43	60.46	21.1	19.1	26.5	28	25.4	24.8	28.3	18.9	84	90	72	65	73	75	------
30	60.05	60.72	61.95	60.05	60.35	60.91	21.9	19.3	25	27	25.2	25	27.3	19.1	83	90	76	71	73	73	------
31	60.86	60.82	62.15	59.82	59,70	61.51	21.9	19.5	26	27.2	25.9	23.6	27.5	19.3	82	90	75	70	75	83	------
Mean	59.82	59.89	61.13	59.05	59.21	60.39	22.8	21.6	27.1	28.9	26.3	24.5	29.3	21.4	84.8	87.3	74	68.6	75.9	81.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	0.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	2	ENE	1	NE	4	NNE	4	NNE	4	NE	3	6	------	Cu.	9	------	Cu. NE
2	NE	1	Calm	----	ESE	3	NNE	5	NbyE	5	NNE	4	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
3	SE	1	SSE	1	ESE	4	NNE	3	Calm	----	SE	1	8	Ci.-S.	S.-Cu.	2	Ci.	Cu.
4	SE	1	SSE	1	ESE	3	NNE	3	NNE	4	Calm	----	5	Ci.-S.	S.-Cu.	8	Ci.	Cu.
5	SE	1	SSE	1	SE	3	ENE	2	NNE	3	SSE	1	10	A.-Cu.	Cu.-N.	9	A.-Cu.	Cu.
6	SSE	1	SSE	3	ESE	5	NNE	4	NNE	4	NE	3	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
7	SSE	1	SSE	2	SE	5	SE	4	SbyW	1	SE	4	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
8	SE	4	SSE	2	S	5	SE	4	NNE	3	SE	1	4	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
9	SE	1	SSE	1	ESE	2	NNE	3	NNE	4	SE	1	4	Ci.-S.	S.-Cu.	6	Ci.	Cu.
10	SSE	1	SbyE	1	SE	3	ESE	2	NNE	2	SSE	1	2	Ci.-S.	S.-Cu.	2	Ci.	Cu.
11	SSE	1	SSE	1	SE	4	ESE	4	NE	3	SE	1	1	Ci.	S.-Cu.	2	Ci.	Cu.
12	SSE	2	SSE	2	NNE	3	NNE	3	NNE	4	SE	1	3	Ci.	S.-Cu.	2	Ci.	Cu.
13	SSE	2	S	1	ESE	4	NNE	4	Calm	----	SSE	1	4	Ci.	S.-Cu.	3	Ci.	Cu.
14	SSE	1	SbyE	1	NNE	5	NNE	5	NNE	5	NNE	6	10	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
15	NE	2	SSE	1	ESE	3	NNW	4	NNE	4	SSE	1	10	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
16	SE	4	SE	4	SE	5	ESE	4	NNE	4	Calm	----	10	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
17	SSE	1	SSE	2	SSE	4	ESE	3	NNE	3	NNE	4	10	Ci.-S.	S.-Cu.	2	Ci.	Cu.
18	Calm	----	SSE	1	SE	4	NNE	4	NNE	4	SSE	2	7	Ci.	S.-Cu.	4	Ci.	Cu.
19	SSE	1	SSE	1	ESE	4	NNE	4	NE	2	SE	4	1	Ci.	S.-Cu.	8	Ci.	Cu.
20	SSE	4	SSE	2	SSE	4	SE	4	ESE	2	SE	2	10	------	Cu.-N.	10	------	N.-cf.
21	ESE	2	ESE	2	E	3	NNE	4	NNE	4	NNE	4	10	Ci.-S.	S.-Cu.	10	A.-Cu.	Cu.
22	SE	1	SSE	1	NNE	3	NNE	3	NNE	4	SE	1	10	------	Cu.-N.	8	A.-Cu.	Cu.-N.
23	SSE	1	SSE	1	SE	3	WNW	3	NW	2	S	1	10	A.-Cu.	S.-Cu.	6	Ci.	Cu.
24	SSW	1	Calm	----	NNE	4	N	4	NNE	3	NNE	5	6	Ci.	S.-Cu.	9	A.-Cu.	Cu.
25	NNE	6	NNE	7	NbyE	7	NNE	6	NNE	6	NNE	7	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu. NNE
26	NNE	6	NNE	2	N	3	NNE	4	NNE	4	SE	1	10	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
27	SSE	1	S	2	ESE	4	ESE	4	NNE	2	ESE	2	4	Ci.-S.	S.-Cu.	4	Ci.	Cu.
28	SE	1	SSE	3	SE	4	ENE	3	NNE	4	NNE	4	3	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
29	Calm	----	SE	1	SE	4	NNE	4	NNE	4	NNE	4	3	Ci.-S.	S.-Cu.	6	Ci.	Cu.
30	SSE	1	Calm	----	NNE	3	NNE	4	NNE	4	NNE	4	9	A.-Cu.	S.-Cu.	3	Ci.	Cu.
31	S	1	SSE	1	NNE	4	NbyE	5	NNE	4	SE	3	2	Ci.	S.-Cu.	5	Ci.	Cu.
Mean	------	1.7	------	1.6	------	3.8	------	3.8	------	3.3	------	2.5	6.8	------	------	5.8	------	------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 8.5 meters; gravity correction not applied, −1.65 mm.]

FEBRUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	61.41	61.86	63.39	61.75	61.85	63.31	21	20.2	27.9	27.7	25.8	25.1	28.1	20.1	86	89	68	68	75	77	
2	62.96	62.98	63.99	62.02	61.91	63.73	21.1	18.6	27.4	28.6	26.2	22.6	28.9	18.5	83	90	66	69	73	78	------
3	63.26	63.32	64.23	61.85	61.45	62.90	21	20.4	26.2	27.9	25.7	23.2	28.3	20.3	84	87	70	70	72	80	------
4	62.19	62.27	63.14	60.84	60.54	61.05	21.8	20.5	27.4	27.6	26.1	25.3	27.8	20.4	83	87	71	67	73	76	------
5	60.37	60.25	61.22	58.61	58.86	60.24	23.3	25.1	26.8	28	26.6	25.1	28.3	23.2	83	83	77	75	79	85	------
6	59.43	58.88	59.96	57.58	57.98	59.52	23.2	21.9	27.6	28	27.3	26	28.3	21.8	90	91	74	74	80	85	------
7	58.62	58.95	60.06	57.55	57.56	59.02	23.6	23.1	29.1	31.6	27.8	26.9	31.9	23	88	88	71	63	77	81	------
8	58.51	58.59	59.77	58.02	58.01	58.71	24.1	21.9	28.4	28.9	26.2	25.3	29.2	21.8	86	89	75	76	81	81	------
9	58.02	57.87	58.30	56.62	56.92	58.39	25.3	24.6	27.7	28.9	27.3	25.6	29.2	24.5	81	87	79	74	81	85	------
10	58.18	58.50	59.48	57.62	57.72	58.33	23.2	23.8	29	29	26.7	26.1	29.3	23.1	90	90	74	75	83	85	------
11	58.32	58.63	59.69	57.74	57.68	58.97	24	23	27	28.4	26.8	24.8	28.7	22.9	88	91	80	75	78	85	------
12	58.62	58.49	59.82	57.25	57.86	59.11	23.2	23	26	29.5	25.9	25.6	29.8	22.9	90	91	81	71	78	79	9.2
13	58.83	59.15	60.12	58.31	58.56	59.67	24.7	23.1	27.5	28.2	26.4	25.6	28.5	23	83	88	74	73	79	83	------
14	59.05	59.29	60	58.39	58.85	59.72	24.5	23.7	27.6	29.1	27.7	25.6	29.5	23.6	86	88	78	74	80	88	------
15	58.86	59.42	60.49	57.55	57.90	59.59	24.7	24.1	28.6	30.9	28.2	27.1	31.3	24	90	91	75	71	79	83	------
16	58.87	59.07	60.18	57.68	58.06	59.22	25.4	24	28.8	30.6	27.9	26.7	31	23.9	85	88	73	70	82	84	------
17	58.33	58.29	59.50	57.32	57.42	58.82	26	25	28.5	28.9	26.8	26.3	29.2	24.9	87	90	75	75	81	82	------
18	58.19	58.37	59.80	57.81	57.57	58.61	25.6	25.5	27.8	29.1	26.8	26.2	29.4	25.4	85	85	79	72	83	84	------
19	57.91	58.78	60.56	58.89	59.22	60.70	24.4	23.1	29	30	27.6	26.6	30.4	23	89	91	75	75	84	86	------
20	60.04	59.97	61.58	59.47	59.59	61.06	24.8	23.5	28.9	30.9	28	26.6	31.3	23.4	87	90	74	67	77	83	------
21	61.06	60.08	60.89	58.86	59.23	60.56	25.8	23.6	28.9	31.2	28.5	27.1	31.6	23.4	84	88	71	66	76	83	------
22	60.24	60.16	60.50	58.20	58.30	59.91	25	24.1	28.3	30.5	27.6	24.8	30.9	23.9	82	83	65	69	76	85	------
23	60.08	60.38	61.20	58.90	58.78	59.64	23.5	25	27.5	29.3	26.6	25.9	29.6	23.3	88	88	77	71	80	81	------
24	59.46	59.50	60.98	58.61	58.57	59.55	25.9	25.3	29.4	30.6	27.6	26.6	31	25.1	81	88	75	72	80	83	------
25	58.47	58.50	59.79	57.48	58.07	59.57	24.4	22.4	29.1	32.3	27.6	26.8	32.7	22.2	85	86	62	59	77	81	------
26	59.28	59.66	60.80	59.01	58.37	59.07	24.3	21.8	28.7	29.3	27	26.4	29.6	21.6	84	87	64	66	78	81	------
27	58.58	58.87	59.60	57.33	56.86	58.19	24.1	23	28.6	30	27.3	25.2	30.4	22.8	86	91	72	69	78	83	------
28	58.14	58.09	59.01	57.48	57.12	58.54	24	22.8	28.6	30.6	28	25	31	22.6	86	89	72	65	73	85	------
Mean	59.47	59.58	60.64	58.53	58.60	59.85	24	23.1	28.1	29.5	27.1	25.7	29.8	22.8	85.7	88.4	73.1	70.4	78.3	82.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	9.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		0–12		0–12		0–12		0–12		0–12	0–10			0–10		
1	SSE	1	SSE	1	SE	2	NNE	3	NNE	5	SSE	2	10	Ci.-S.	Cu.-N.	8	Ci.-Cu.	Cu.-N.
2	SSE	1	SSE	1	ESE	4	NNE	4	NbyE	3	SE	2	10	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.
3	SSE	1	SSE	1	ESE	4	NNE	3	NNE	3	SE	2	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
4	SSE	1	S	1	ESE	3	N	4	NNE	3	NNE	2	5	Ci.-S.	Cu.	3	Ci.-S.	Cu.
5	ESE	1	NNE	4	NNE	3	NNE	4	NbyE	3	SE	1	10	------	Cu.-N.	10	A.-Cu.	Cu.-N.
6	SSE	1	S	1	ESE	4	NbyE	4	NNE	2	Calm	----	10	Ci.-S.	S.-Cu.	10	A.-Cu.	S.-Cu.
7	S	1	SSE	2	SE	4	ESE	3	NNE	3	SE	1	6	Ci.-S.	S.-Cu.	4	Ci.	Cu.
8	SSE	1	Calm	----	SSE	3	N	4	NbyE	5	NNE	5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
9	NNE	5	ENE	1	NNE	4	NNE	4	NNW	2	S	1	6	Ci.-S.	S.-Cu.	8	Ci.	Cu.
10	SSE	1	SSE	2	ESE	4	NbyE	3	NNE	4	NE	2	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
11	Calm	----	Calm	----	E	2	NNE	4	NNE	3	ESE	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
12	SSE	3	SSE	1	E	2	ESE	4	NNE	4	NNE	2	10	------	Cu.-N.	10	A.-Cu.	Cu.-N.
13	Calm	----	SSE	2	NNE	2	N	3	NNE	3	SSE	1	10	------	Cu.-N.	10	A.-Cu.	Cu.-N.
14	S	1	SSE	2	SSE	4	WNW	4	NNW	2	S	1	10	------	S.-Cu.	10	A.-Cu.	Cu.-N.
15	SSE	1	SSE	1	SE	4	ENE	3	WNW	2	SE	1	10	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
16	Calm	----	SSE	2	ESE	4	NNE	4	N	3	NNE	2	4	Ci.	S.-Cu.	3	Ci.-S.	Cu.
17	NE	2	ENE	1	N	4	NNE	4	NbyE	5	NNE	5	9	Ci.	Cu.	3	------	Cu.
18	NNE	4	NNE	3	NNE	4	N	4	N	5	NNE	2	9	Ci.-S.	Cu.	6	------	Cu. NNE
19	Calm	----	Calm	----	S	4	NW	4	NNW	3	ESE	1	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
20	SSE	1	SSE	2	ESE	4	ESE	4	N	3	NNE	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
21	Calm	----	SE	3	SE	5	ESE	5	W	4	W	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
22	SSE	1	SE	5	SE	5	WNW	4	W	3	Calm	----	10	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.
23	SSE	1	ENE	2	NNE	4	NNE	4	NNE	4	NNE	4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
24	NNE	5	NNE	2	E	4	E	4	NW	3	Calm	----	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
25	SSE	2	SSE	2	SE	5	SE	5	WNW	4	N	2	10	Ci.-S.	S.-Cu.	3	Ci.	Cu.
26	SSE	2	SSE	2	ESE	4	N	3	NNE	2	NNE	4	7	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
27	NNE	1	Calm	----	ESE	4	WNW	4	WNW	4	SbyW	1	8	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
28	SSE	1	S	1	SE	4	NNE	4	NNE	2	SE	1	7	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
Mean	------	1.4	------	1.6	------	3.7	------	3.8	------	3.3	------	1.8	9	------	------	7.4	------	------

BOLINAO.[a]

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 7.5[b] meters; gravity correction not applied, —1.65 mm.]

MARCH, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.18	58.45	59.80	57.75	57.25	58.42	23	23	28.1	29.7	27.7	27	30.1	22.8	91	91	74	70	79	83	------
2	57.66	57.73	58.55	56.24	56.41	57.97	24.9	21.6	28.8	30.4	27.8	26	31	21.2	83	91	65	63	73	81	------
3	57.68	58.21	59.75	57.81	57.42	58.58	25.9	25.9	28.1	28.6	26.9	26.6	29.5	25.5	81	81	73	73	78	80	------
4	58.57	58.59	60.29	58.15	57.67	58.88	25.4	25	27.6	29.3	26.6	26	29.5	24.9	84	83	73	69	80	82	------
5	58.28	59.01	60.49	58.54	58.39	59.18	23.7	21.6	28.2	28.7	26	25.4	29.1	21.4	86	91	76	73	82	84	------
6	59.16	60.05	61.45	59.07	58.62	60.12	25.2	25.2	27	27.6	25.7	25.5	28.2	25.1	82	82	74	71	79	80	------
7	59.06	59.30	61.06	58.81	58.58	59.71	25	25	26.8	28.2	26	23.5	28.5	23.4	83	83	75	70	81	87	------
8	59.25	59.66	61.29	59.15	58.75	61	21.8	20.6	28.1	28.7	26.5	24	30	20.4	91	92	70	68	80	85	------
9	60.03	59.96	61.29	59.35	59.61	61.41	23	22	29.1	30.1	27.2	26.4	32	21.4	84	83	68	65	77	81	------
10	60.85	60.85	62.20	60.39	60.34	61.86	23.6	23.4	29.3	30.5	27.2	25.9	32.4	21.9	86	85	68	63	77	83	------
11	60.95	60.91	61.78	60.21	60.44	61.85	23.3	22.4	28.9	30.4	27.9	25.5	32.8	21.9	89	89	71	66	76	85	------
12	61.10	61.26	61.60	59.55	59.31	60.70	24	22.9	28.8	29.1	27.4	26	29.2	22.7	88	91	71	71	78	82	------
13	59.97	60.09	61.30	59.23	59.10	61.26	24.1	22.4	29.1	31.6	28.9	24.8	32.6	22.1	90	90	70	63	69	85	5.6
14	60.25	60.20	61.24	59.79	59.75	61.27	23.6	23.4	29.6	32.5	28.5	26.4	33	23.1	85	80	68	64	72	82	------
15	60.23	60.63	61.58	59.73	59.42	60.42	24	23.7	30	29.8	27.8	26.4	32.4	22.9	85	86	67	66	76	80	------
16	59.29	58.73	59.40	57.69	57.52	58.19	25.7	25.2	30	30	27.2	26.4	32.6	24.9	85	88	70	70	77	80	------
17	57.16	57.32	58.01	56.15	55.89	56.42	23.5	25	28.7	30	28	24.9	30.9	22.9	88	79	69	69	73	85	------
18	55.69	55.93	57.22	55.55	55.22	56.68	23.7	23.2	28.9	30.9	27.5	25.8	31.1	22.5	89	91	70	67	79	86	------
19	55.99	56.39	57.51	55.81	55.91	58.32	24.4	23.8	30	28.6	28.9	26.9	32.5	23.4	88	91	71	80	75	85	2.5
20	58.03	58.62	59.67	58.06	58.02	59.57	26	25	30.6	26.9	25.5	25.2	32.9	24.9	89	92	72	85	88	90	6.9
21	58.92	59.34	60.68	58.69	58.11	59.14	24	23.6	29.1	30.1	29	25.8	30.4	23	92	95	77	74	78	87	23.6
22	58.48	58.73	60.09	57.95	57.99	59.91	26	24	28.9	31	28.5	24.1	32.1	23.9	90	97	79	72	80	92	3.3
23	58.69	58.18	60.20	58.42	58.52	60.08	23.6	24.7	27.4	28.8	27.7	24.5	29.5	23.1	93	93	81	78	77	88	.8
24	59.24	59.54	60.82	58.60	59.74	60.92	24	23.9	30	30.8	27.9	24.6	32.1	23.6	91	92	69	65	73	85	------
25	60.45	60.36	61.72	59.96	60.24	61.80	24.6	26.6	30.9	32.1	29.9	27.6	33.5	23.9	87	75	67	63	71	83	------
26	61.10	61.02	62.44	60.53	60	61.91	25	23.1	30.5	31.2	28.9	26.8	33	22.9	85	90	65	62	71	83	------
27	60.18	60.28	61.40	58.89	58.59	59.87	24	23.4	31.1	32.1	29.4	25.4	33.9	23	83	85	63	60	67	77	------
28	58.95	59.03	60.37	58.59	58.35	59.75	21	23	30.6	31.1	28.5	27	32.3	20.5	91	83	55	64	75	84	------
29	58.82	58.93	60.09	58.60	58.49	59.60	24.6	23	30.2	30.5	28.5	27	31.9	22.9	85	84	61	68	70	78	------
Mean	59.04	58.87	60.46	58.53	58.40	59.82	24.2	23.6	29.1	30	27.7	25.8	31.3	23	87	87.3	70.1	68.7	76.2	83.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	[c]42.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	SSE	1	Calm	----	ESE	4	NNE	4	NNW	3	NE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
2	SE	2	SSE	1	SE	4	WNW	4	NNW	3	N	2	8	Ci.-S.	S.-Cu.	2	Ci.	Cu.
3	N	1	N	4	NNE	4	NbyE	4	N	4	NNE	4	10	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N.
4	NNE	5	NNE	3	NNE	4	N	4	NNE	4	NE	1	10	Ci.-S.	Cu.	7	Ci.	Cu.
5	SE	1	Calm	----	NNW	3	NNE	4	NbyE	5	NNE	5	7	Ci.-S.	S.-Cu.	6	Ci.	Cu.
6	NNE	4	NNE	3	N	4	NbyE	5	NNE	5	NNE	5	10	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.
7	NNE	4	NE	2	NNE	5	NNE	4	NbyE	4	SbyW	1	10	Ci.-S.	Cu.-N.	2	Ci.-S.	Cu.
8	SSE	1	Calm	----	SE	4	NNE	4	NNE	3	S	1	7	Ci.-S.	S.-Cu.	2	Ci.	Cu.
9	SSE	1	SSE	2	SE	5	NNE	4	NNE	3	NNE	2	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
10	SSE	1	SSE	2	ESE	4	NNE	4	NbyE	5	ESE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
11	Calm	----	SSE	1	ESE	4	WNW	4	NW	3	SSE	1	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
12	SSE	1	S	1	E	3	N	4	N	4	NNE	4	4	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
13	SSE	1	S	1	ESE	4	W	4	WNW	3	SE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
14	SSE	3	SE	3	ESE	5	SSE	5	W	2	Calm	----	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
15	SSE	3	SE	1	NE	3	N	4	NNE	3	NNE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
16	NNE	2	S	2	ESE	2	WNW	4	N	2	NNE	2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
17	SE	1	N	3	NW	3	NW	3	NNE	2	S	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
18	SW	1	SW	1	WNW	3	NNW	4	N	4	SSE	1	10	----------	Cu.-N.	10	Ci.-S.	Cu.-N.
19	S	1	SbyW	1	ESE	2	WNW	4	W	3	Calm	----	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
20	SSE	1	SSE	2	E	4	W	2	N	1	ESE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
21	SSE	1	Calm	----	NbyE	4	N	4	NNE	2	S	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
22	Calm	----	Calm	----	ESE	4	WNW	4	NW	2	SSE	3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
23	SSE	1	Calm	----	NNE	4	W	2	N	4	SE	3	10	----------	Cu.-N.	10	Ci.-S.	Cu.-N.
24	Calm	----	SSE	1	ESE	4	NbyE	4	SSE	5	Calm	----	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
25	SSE	1	SE	3	SE	4	N	5	NbyE	4	NNE	2	6	Ci.-S.	S.-Cu.	4	Ci.	Cu.-N.
26	S	1	SSE	1	ESE	4	N	4	NNE	3	S	1	4	Ci.-S.	S.-Cu.	3	Ci.	Cu.
27	SSE	1	ESE	2	E	4	ESE	4	NbyE	4	SSE	1	1	Ci.	S.-Cu.	2	Ci.	Cu.
28	SE	1	SE	2	ESE	5	NNE	4	NNE	4	NE	2	1	Ci.	S.-Cu.	2	Ci.	Cu.
29	S	1	SSE	2	ESE	3	NNE	4	NNE	4	NNE	2	1	Ci.	S.-Cu.	2	Ci.	Cu.
Mean	------	1.4	------	1.5	------	3.8	------	3.9	------	3.4	------	1.9	8.2	----------	----------	6.9	----------	----------

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[a] This station was temporarily closed from March 30 to April 30.

[b] Beginning with March 10 p. m. of the 10th the height of the barometer above sea level is 7.5 meters.

[c] 29 days of observation.

BOLINAO.

[φ=16° 24′ N; λ=119° 53′ E; barometer above sea, 7.5 meters; gravity correction not applied, —1.65 mm.]

MAY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.53	59.34	60.13	58.03	57.54	58.69	25.4	23.7	30.5	32.1	30.5	28.8	33.7	23.6	88	90	69	58	66	78	------
2	57.92	58.53	58.93	56.92	56.82	58.19	27.1	25.6	31.1	32	30.6	28.9	33.1	25.4	87	91	68	60	70	74	3
3	57.67	58.02	58.94	56.82	56.70	58.43	28.1	25.5	30.6	31.1	29.9	29	32	25.1	77	90	73	71	74	78	26.2
4	58.17	58.16	58.48	56.93	56.95	58.69	25.5	25	30.5	31	30.8	28	33.4	24.9	97	97	77	72	73	86	------
5	57.65	57.91	58.46	56.79	56.54	57.51	26.6	25.4	31.6	32	31	29	33.4	25.3	91	90	68	67	72	82	------
6	56.15	56.26	57.11	54.94	55.10	55.45	26.6	25.4	30.5	31.4	29.9	29.1	32.4	25.1	92	93	77	66	78	85	------
7	54.11	54.19	55.71	54.43	54.20	55.39	28.5	28	28.1	29.1	28.7	28.2	30.9	25.7	83	86	85	81	79	85	2.3
8	54.36	54.91	56.31	55.43	55.08	56.55	27.9	27.1	30.7	31.6	30	28	32.7	27	83	83	73	70	75	85	------
9	55.78	56.07	56.79	55.24	55.13	56.90	26.7	24.5	30.5	31.9	29.7	26.9	32.4	24.2	89	94	73	66	75	87	------
10	56.47	56.58	57.58	56.07	55.59	56.77	24.2	23.8	30	32.1	30.6	27.3	32.9	23.3	95	97	75	69	69	83	------
11	57.08	57.37	58.68	56.85	56.20	57	24.1	25.7	30.4	31.3	30.6	26.9	32.3	24	95	92	73	68	69	86	------
12	56.77	57.47	58.38	57.10	56.49	57.96	24.3	25.8	30.5	29.5	29.9	26.4	31.9	24.2	93	93	74	82	78	92	5.6
13	57.29	57.52	57.82	56.18	55.82	57.45	25.5	25.4	30.8	31.8	30.6	28.5	32.4	24.4	93	96	71	74	77	83	------
14	56.84	56.96?	58.07	56.43	56.10	57.22	27.4	26.2	31.1	31.8	31	26.6	33.1	25.9	86	94	73	71	75	90	------
15	56.91	57.78	58.32	56.98	56.50	57.64	25.4	26.3	31.6	32	31.3	28.7	34.4	25	93	95	73	70	72	83	------
16	57.23	57.72	58.58	56.88	56.94	57.80	26.1	27.9	31.1	32.2	30.7	28.4	33.1	25.7	94	86	75	71	73	85	------
17	57.55	57.93	58.36	56.91	56.85	57.90	27	25.7	30.7	32.4	31	28.4	33.3	25.5	86	90	72	65	69	82	------
18	57.64	57.73	58.35	57.43	57.41	58.92	24.8	24.2	31.1	32.1	31.5	26.6	33.9	23.8	93	97	72	66	70	92	------
19	58.17	57.63	58.43	57.08	56.96	59.18	26.1	25.6	32.5	30.5	31.9	27.5	34	25	94	95	70	82	72	91	4.6
20	58.61	59.45	59.73	57.73	58.46	60.31	26.2	25.1	28.9	32.7	29.8	26.9	34.1	24.6	94	95	86	65	75	92	------
21	58.73	58.83	59.62	58.05	58.16	60.32	25.9	24.5	31.9	31.1	28.9	24.5	34.5	24.2	95	96	72	77	89	100	65
22	58.97	58.96	59	57.22	56.89	58.72	25.1	24.9	28.3	31.3	30.4	26.9	33.5	24.4	99	99	94	77	84	95	4.1
23	56.74	56.52	57.47	56.57	56.68	57.38	25	25.6	26.4	28	23.8	24.5	30.4	23.5	97	95	98	94	98	97	31.1
24	56.43	55.73	55.80	55.35	54.93	55.69	24.4	24.6	24.6	24.4	24.3	24	24.9	23.4	99	98	98	97	97	98	380
25	53.80	53.76	53.87	53.18	53.04	55.12	23.6	23	24.6	26	25.4	24.6	26.2	22.5	99	99	99	97	99	99	149
26	54.89	55.10	56.73	55.52	55.36	56.83	24.2	24.2	24.5	27.2	26	24.1	28	23.1	99	93	99	93	97	99	76.3
27	55.49	55.40	56.62	55.20	55.04	56.42	24.4	23.5	27.1	28.1	28.6	25.2	30.2	23.3	99	99	93	86	82	93	2.8
28	55.93	55.30	56.08	55.97	55.86	57.25	24	23.9	29.1	25.7	25.9	25	30.3	23.5	97	97	85	93	97	97	17.5
29	55.99	56.22	57.80	57.09	57.84	58.46	24	24.2	24.5	24.8	24	23.6	25.6	23.4	97	98	97	98	99	99	90.4
30	57.31	57.20	58.25	57.95	58.28	58.37	23.5	23.5	27.2	27	24.4	24	28.5	23.1	99	99	94	95	97	98	14.3
31	57.69	57.84	58.45	56.86	57.28	58.52	24	23.9	29.9	31.1	28.9	26.9	32.9	23.4	98	97	81	75	78	89	------
Mean	56.87	57.04	57.83	56.46	56.35	57.65	25.5	25.1	29.4	30.2	29.1	26.8	31.8	24.4	92.9	94.2	80.2	76.8	79.9	89.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	372.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	1	SE	1	ESE	4	NNE	4	N	3	NNE	4	4	Ci.	Cu.-N.	2	Ci.	Cu.
2	S	1	SSE	1	ESE	4	NNE	4	N	3	NNE	3	9	Ci.	Cu.	3	Ci.	Cu.
3	NNE	3	E	2	NNE	3	N	4	NNE	4	NNE	4	10	Ci.-S.	Cu.-N.	4	Ci.	Cu.
4	Calm	----	SSE	1	ESE	3	W	4	WNW	4	SSW	1	6	Ci.-S.	Cu.-N.	7	A.-Cu.	Cu.
5	SSE	2	SE	2	ESE	4	NW	4	NNW	4	Calm	----	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
6	SSE	1	Calm	----	N	3	NW	4	N	4	N	4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
7	N	5	N	5	NNW	5	NW	5	NNW	5	NW	5	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
8	NW	5	WNW	5	WNW	4	WNW	4	NNW	3	NNE	4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
9	SSW	1	Calm	----	NW	2	NW	4	NNW	3	SSE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
10	SE	1	S	1	NNW	2	NW	4	N	2	SSE	1	10	Ci.-S.	Cu.	8	Ci.-S.	Cu.
11	SSE	1	Calm	----	NW	2	NNW	4	NW	2	SSE	1	10	A.-Cu.	Cu.-N.	4	A.-Cu.	Cu.
12	S	1	S	1	N	3	W	2	NNW	1	S	1	10	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N.
13	SSE	1	SE	1	NNE	3	N	4	NNW	3	NE	2	9	A.-Cu.	S.-Cu.	6	A.-Cu.	Cu.-N.
14	Calm	----	Calm	----	E	4	N	3	NNE	1	S	1	10	A.-Cu.	Cu.-N.	10	A.-Cu.	S.-Cu.
15	Calm	----	SSE	1	ESE	4	NW	4	W	2	Calm	----	10	A.-Cu.	Cu.-N.	7	A.-Cu.	Cu.-N.
16	SE	1	NW	2	NNW	4	NW	4	NW	4	N	3	10	Ci.-S.	Cu. NNW	2	Ci.-S.	Cu.
17	N	2	SSW	1	NW	3	NW	4	WNW	2	NNW	2	10	Ci.-S.	Cu.	8	Ci.-S.	Cu.
18	SSE	1	S	1	N	3	WNW	4	W	2	Calm	----	2	Ci.	Cu.	2	Ci.	Cu.
19	SSE	1	SE	2	SW	4	ENE	2	SSW	4	S	2	7	A.-Cu.	Cu.	8	Ci.-S.	Cu.-N.
20	SSW	2	W	2	S	3	SW	4	WSW	3	SSE	1	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
21	SSE	1	SE	1	E	4	W	5	SSW	4	Calm	----	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
22	Calm	----	ESE	1	SE	2	W	4	ESE	2	Calm	----	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
23	SSE	1	SSE	2	Calm	----	SSW	2	SSW	3	S	4	10	------------	Cu.-N.	10	------------	Cu.-N.
24	SSE	2	SSE	4	SE	2	SSE	3	SSE	2	SSE	5	10	------------	N.	10	------------	N.
25	SSE	6	SSE	5	S	6	S	7	W	2	Calm	----	10	------------	Cu.-N.	10	------------	N.
26	SSW	4	SSW	2	SSW	1	Calm	----	WNW	2	Calm	----	10	------------	N.-cf.	10	------------	N.
27	SSE	2	S	2	SSE	2	W	1	SW	2	SSE	4	10	------------	N.-cf.	10	------------	N.-cf.
28	S	2	SSE	2	SSE	4	SSW	2	SSE	1	Calm	----	10	A.-Cu.	Cu.-N.	10	------------	N.
29	SSE	4	SSE	4	SE	3	SE	3	Calm	----	SSE	2	10	------------	N.-cf.	10	------------	N.
30	SSE	2	SE	2	SE	4	Calm	----	Calm	----	SSE	2	10	Ci.-S.	S.-Cu.	10	------------	N.
31	SSE	2	SSE	2	SSE	3	S	2	WSW	2	SSE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
Mean	------	1.8	------	1.8	------	3.2	------	3.4	------	2.5	------	1.9	9.3	------------	------------	8.1	------------	------------

BOLINAO.

[ϕ=16° 24′ N ; λ=119° 53′ E ; barometer above sea, 7.5 meters ; gravity correction not applied, —1.65 mm.]

JUNE, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.49	57.35	58.33	56.37	56.75	58.91	25.7	24.7	30.1	31.6	30.1	26.4	32	24.4	92	95	81	72	77	92	28.7
2	57.01	57.30	57.99	56.87	56.60	58.30	25.5	24.6	30.1	27	28.4	26.3	31	24.3	93	95	80	95	88	94	25.6
3	56.93	57.30	57.72	56.25	56.40	57.85	24.6	23.8	30.9	31.6	30.6	28.5	32.4	23.4	95	95	76	70	74	85	1.3
4	56.56	56.53	56.94	55.63	55.84	57.56	26.9	25.8	31.6	32.5	30.8	27.6	34.9	25.4	90	92	76	71	71	87	3.6
5	56.47	56.72	57.63	57.20	57.83	59.07	26.5	24.5	31.3	33.4	31.1	26	34.1	24.2	90	88	68	60	73	92	22.4
6	57.18	58.64	59.35	57.73	57.82	59.06	25.4	25	31.7	32.6	31	28.8	34.1	24.6	93	95	74	65	73	79	11.2
7	58.65	58.52	59.15	58.07	57.84	59.08	26.5	25.1	32	32.2	30.8	29.3	33.9	24.7	92	93	72	69	71	82	------
8	58.46	58.45	58.92	57.73	57.99	58.96	26.5	26.4	32.3	31.9	31	27.6	33.9	25.9	91	92	70	70	70	88	------
9	58.25	58.22	58.59	57.38	57.24	58.64	25.9	26.4	32	32.5	31.9	27.5	34.1	25.5	92	92	70	66	69	87	------
10	58.40	58.48	59.24	58.48	58.52	59.55	26.2	25.8	32.5	32.4	31	28.9	34.1	25.5	89	92	70	68	71	80	------
11	58.95	59.41	59.89	58.86	58.74	60.48	25.9	25.9	32.5	33.5	31.3	27.6	35.5	24.9	92	93	69	64	67	77	------
12	59.29	59.34	60.05	58.81	59.08	60.17	25.9	25.9	31.5	33.5	30.4	26.1	36.1	25.4	85	88	72	67	76	87	------
13	58.98	58.91	58.87	57.42	57.71	58.83	26	25.2	32.5	32.1	30.5	29.9	34.9	24.8	84	88	66	64	76	77	1.8
14	58.70	58.38	58.71	57.50	57.49	58.47	26.4	25.1	32.5	33.7	30.5	25	35.5	24.7	86	92	70	61	73	96	24.9
15	57.78	58.68	59.08	57.69	57.35	58.24	25.7	26	31.7	32	30.5	28.3	34.5	24.6	95	95	72	70	73	86	------
16	57.61	57.93	58.69	57.51	57.73	58.92	26.1	25	31.6	33.4	31.2	27.6	34.5	24.1	94	92	65	62	67	87	------
17	58.21	57.92	58.64	57.27	57.38	58.47	26.5	25.8	31.5	33.1	26.1	24.6	33.9	24.1	92	85	66	63	85	92	3
18	57.64	57.20	58.42	57.28	57.84	58.95	24.6	24.5	31.4	33.6	30.2	27	34.4	23.9	91	91	70	60	71	89	1.3
19	57.98	57.69	58.11	56.89	57	59.08	24.5	25	31.1	34.4	30.6	26.2	34.8	24.1	92	91	63	55	72	90	4.3
20	57.93	57.57	58.10	56.54	56.44	57.77	25.3	25.1	29.5	31.6	30.4	26.9	33.5	24.5	93	92	78	65	74	86	------
21	56.91	57.02	57.65	56.63	56.96	58.41	25.6	24.2	29.1	32.7	29.7	26.3	33.6	23.8	88	92	78	65	79	89	------
22	57.97	58.22	58.87	57.26	57.42	58.60	25.1	25	31.9	32.6	30.5	27.2	34.6	23.9	92	87	67	64	69	89	22.4
23	58.02	57.29	58.56	57.08	56.14	57.03	23.4	24.1	28.8	30.1	27.5	25.5	31.5	23	92	95	79	78	88	92	2.8
24	56.50	56.10	56.89	55.89	56.54	57.02	25.1	25.2	30.7	30.9	24.7	24.1	33	23.2	92	92	70	71	85	95	72.6
25	56.19	56.18	56.82	55.51	56.65	57.62	24.6	24.9	30.9	31.9	25.7	24.9	33.4	23.9	95	95	74	71	93	94	4.6
26	56.92	56.37	56.79	55.63	55.77	57.39	25	24.4	30.7	30	28	24.7	31.8	23.7	95	96	74	75	80	95	25.4
27	56.03	55.89	56.60	55.10	55.01	56.11	24.5	24.8	27.9	29.5	26.7	26.2	30.9	24	94	95	86	78	84	92	.5
28	55.53	55.82	56.45	55.32	55.04	56.41	24.6	25.1	28.5	27.3	26.3	25.1	30.5	24.3	92	91	80	90	87	91	3.5
29	55.78	55.78	56.30	55.15	55.36	57.13	25	24.8	28	30.5	28.3	25.5	32	24.4	90	90	79	70	76	93	5.8
30	56.38	55.89	56.95	55.98	56.51	56.72	24.5	24.4	28.1	26.1	25.1	24.7	30.7	23.9	95	93	80	90	88	92	1.1
Mean	57.49	57.50	58.14	56.90	57.03	58.29	25.5	25.1	30.8	31.7	29.4	26.7	33.5	24.4	91.5	92.1	73.2	69.6	76.7	88.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	266.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	Calm	----	Calm	----	S	2	W	4	W	2	Calm	----	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
2	SSE	1	S	1	NNW	3	SE	1	WbyS	1	Calm	----	7	Ci.-S.	S.-Cu.	10	------	Cu.-N.
3	S	1	Calm	----	SSE	3	WNW	4	WNW	2	Calm	----	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
4	SSE	1	Calm	----	SE	2	NNE	3	NbyE	3	SSE	1	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
5	Calm	----	Calm	----	SSE	5	WNW	3	NNW	2	S	1	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
6	Calm	----	SE	1	E	2	E	4	N	4	Calm	----	10	Ci.-S.	Cu.	3	Ci.	Cu.
7	W	2	SSE	1	ESE	3	WNW	3	N	2	NNE	3	2	Ci.	Cu.	3	Ci.	Cu.-N.
8	Calm	----	SSE	1	E	2	NNW	3	N	2	S	1	9	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
9	SSE	1	SE	3	SSE	4	NW	4	NW	2	SSE	1	8	Ci.-S.	Cu.	4	Ci.-S.	Cu.
10	S	1	SbyE	1	SSE	4	WNW	4	W	2	NNE	3	5	A.-Cu.	S.-Cu.	7	Ci.-S.	Cu.-N.
11	SSE	1	SSE	2	SE	4	E	3	NE	3	S	1	1	Ci.	Cu.	3	Ci.	Cu.
12	SSE	2	SSE	2	ESE	4	ESE	4	W	1	SSE	1	4	A.-Cu.	S.-Cu.	7	A.-Cu.	Cu.-N.
13	SSE	1	SE	1	SE	2	NNE	4	NNE	5	NNE	4	2	A.-Cu.	S.-Cu.	2	Ci.-S.	Cu.
14	S	3	SbyE	2	SSE	4	E	3	NW	2	Calm	----	6	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
15	SSE	1	SSE	2	SE	4	NW	4	N	4	S	1	5	A.-Cu.	S.-Cu.	4	Ci.-S.	Cu.-N.
16	SSE	1	SE	1	SSE	2	WSW	4	NNE	2	Calm	----	1	Ci.	S.-Cu.	5	Ci.-S.	Cu.-N.
17	Calm	----	SSE	1	SSE	2	WNW	4	ESE	1	SSE	2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
18	SSE	2	SSE	2	SE	4	ESE	2	N	1	S	1	8	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
19	SSE	1	SSE	2	SSE	4	WSW	2	WNW	4	Calm	----	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
20	Calm	----	Calm	----	SSE	2	NNE	4	NNE	2	S	2	10	Ci.-S.	Cu.	4	Ci.-S.	Cu.
21	Calm	----	S	1	SE	4	E	3	NE	3	Calm	----	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
22	SSE	1	S	2	SE	4	WSW	3	WNW	2	Calm	----	4	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu. S
23	Calm	----	Calm	----	NNW	2	NW	4	N	2	SbyW	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
24	SSE	1	SSE	3	S	4	SW	4	SSW	5	Calm	----	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
25	SSE	1	SSE	2	ESE	3	W	4	Calm	----	SSE	1	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
26	SSE	1	SSE	1	SE	2	W	2	WNW	2	SSE	1	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
27	SSE	1	SSE	1	ESE	4	ESE	4	S	1	SSE	2	10	------	Cu.-N.	10	Ci.-S.	Cu. SE
28	S	2	SSE	4	SSE	4	S	3	SE	3	SSE	6	10	------	Cu.-N.	10	------	Cu.-N.
29	SSE	5	SSE	5	SSE	5	S	5	SSW	4	S	4	10	------	Cu.-N.	10	Ci.-S.	Cu.-N.
30	SSE	4	S	4	SbyE	4	S	4	SSW	3	S	4	10	Ci.-S.	Cu.-N.	10	------	Cu.-N.
Mean	------	1.2	------	1.5	------	3.3	------	3.4	------	2.4	------	1.4	7.4	------	------	7.2	------	------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 7.5 meters; gravity correction not applied, —1.65 mm.]

JULY, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	55.99	55.99	56.62	55.55	56.06	57.07	24.5	24.1	26.9	28	26.3	24.8	29.2	23.7	90	94	84	79	87	93	------
2	55.83	55.75	56.58	56	56.08	57.45	24	23.8	29.3	29.9	25.1	25	30.9	23.4	93	93	74	75	93	93	9.6
3	56.27	56.52	56.84	55.89	55.71	57.56	24.1	24.2	28.3	30.9	26.2	25	31.6	23.7	97	93	77	68	90	92	1.5
4	57.03	56	57.07	55.91	56.02	58.48	24.5	23.9	30.2	31.9	26.6	26	33.4	23.4	94	96	71	70	86	87	5.6
5	58.58	57.69	59.09	58.54	58.75	60.14	25	24.5	30.1	29.9	27.1	26.1	31.9	24	93	93	74	73	83	91	------
6	59.46	59.93	60.92	59.39	59.10	60.99	25.1	24.8	30.6	31.1	28.9	26.1	31.9	24.5	95	93	72	74	80	95	4.3
7	60	59.67	60.38	59.12	59.33	61.06	25.8	25.5	29.2	30.9	28.6	25.6	31.8	25.3	96	96	83	74	79	88	3.6
8	59.39	58.70	59.63	58.70	58.31	59.06	24.4	24.4	29.9	31.8	29.1	26	31.9	23.6	95	97	78	71	78	90	------
9	58.19	57.79	58.65	57.77	57.65	58.50	24.9	24.5	29.6	31.6	29	25.7	31.9	23.9	94	96	84	70	75	91	.3
10	57.94	57.75	58.54	57.64	27.25	58.65	24.9	24.4	28.2	30.9	28.8	25.9	31.6	23.9	94	95	88	72	82	90	3.8
11	57.89	57.62	57.80	57.35	57.28	59.07	25.5	24.9	29.2	28.4	27.9	25.4	32	24.5	93	96	79	86	84	95	7.1
12	57.57	57.62	57.94	57.22	56.78	58.09	24.5	24.6	28.8	27.5	26.1	23.9	30	23.3	96	97	86	86	94	97	21.7
13	56.69	56.53	56.40	55.80	55.27	55.94	23.4	24	28.7	31	28	25.6	31.9	23	97	98	80	75	86	96	12.5
14	55.07	54.63	54.63	53.98	54.37	56.19	25.2	25.3	28.9	29.5	27.6	23.4	31.1	22.5	97	97	81	81	89	96	28.2
15	54.68	54.63	55.73	54.59	55.84	57.16	22.6	23.7	26	28.9	24	23.1	29.9	22.1	97	98	89	79	96	98	79.1
16	55.58	55.56	56.26	55.35	55.27	56.53	22.5	22.7	25.9	27.6	24.5	23.5	28.6	22.3	98	98	92	80	94	97	50.9
17	55.83	56.16	57.40	56.16	56.13	57.53	23.2	22.6	23.9	26.4	26.5	23.7	28.3	22.4	98	99	97	87	92	96	2.1
18	56.99	57.38	58.48	57.19	56.94	57.85	24.5	24	29.1	30.6	28.4	26.1	31.4	23.8	97	97	82	77	83	92	7.1
19	56.67	57.28	57.70	56.82	57.18	57.75	25.3	24.6	30.4	33.3	29.1	28.2	33.9	24.1	97	98	78	70	78	86	------
20	56.67	56.70	57.50	57.02	57.33	58.34	27.2	25.9	31	32.1	26	24.6	33.4	23.3	89	94	73	72	87	90	------
21	58.48	58.85	59.75	58.95	58.86	60.26	23.5	23.4	30.5	32.1	29	27.9	33	22.8	95	97	76	66	78	84	------
22	59.39	59.28	59.47	58.35	58.14	58.60	25	24.1	31.1	31.9	30.8	28.9	32.4	23.9	95	97	75	69	72	83	------
23	57.67	57.07	57.64	56.81	56.05	56.89	26	24.7	31.4	32.4	30.4	26.4	33.4	24.5	92	97	77	70	74	94	------
24	55.56	55.47	56.68	56.02	55.41	56.50	25.5	25.1	30.5	32.1	30.5	26.1	32.5	24.6	95	97	76	71	75	87	------
25	55.28	55.79	56.68	55.70	55.45	56.95	24.6	24	30.7	31.9	30.1	26.5	32.3	23.8	92	95	74	67	73	89	------
26	56.06	56.63	57.70	56.57	56.59	57.59	24.9	25.1	30.1	32.3	30.3	28	32.9	24.4	93	95	77	70	76	82	------
27	56.88	57.28	57.93	56.89	56.49	57.10	25	24	30.7	32.3	29.9	28.4	32.6	23.8	93	96	72	68	70	79	------
28	56.75	56.77	57.45	56.63	56.04	56.96	25.6	24.4	31	31.9	30	26.6	32.5	23.7	92	95	73	65	70	89	------
29	55.84	55.82	56.74	56.02	55.32	56.44	24.4	23.7	30.3	32	29.5	24.9	32.5	23.4	93	95	70	64	71	92	------
30	55.52	55.79	56.57	55.66	55.86	57.61	24.6	24.6	30.9	30.3	27.2	25.5	32.6	24.1	94	95	77	78	84	90	1.1
31	56.99	57.57	58.38	56.49	57.35	58.18	24.5	25	26.6	28	25.7	24.2	29	23.5	94	95	92	83	91	95	15.7
Mean	56.99	56.97	57.71	56.78	56.72	57.95	24.7	24.3	29.3	30.6	28	25.7	31.7	23.7	94.5	95.9	79.4	73.9	82.3	90.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	254.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		0–12		0–12		0–12		0–12		0–12	0–10			0–10		
1	S	4	SSE	2	S	4	SSE	5	SSE	4	S	4	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
2	S	4	SSE	3	ESE	5	SbyW	6	SSE	4	SSE	4	10	Ci.-S.	Cu.-N.	10	A.-Cu.	Cu.-N. S
3	SSE	2	SSE	4	SbyE	5	S	5	S	4	SSE	2	10	Ci.-S.	Cu.	10	A.-Cu.	Cu.-N.
4	SSE	1	S	1	SE	4	SE	4	SSW	2	SSW	4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
5	SSW	4	SSE	1	S	2	SW	5	SSW	2	S	1	10	A.-Cu.	Cu.-N.	10	A.-Cu.	cu.-N.SSW
6	SSE	1	SSE	2	SE	3	NW	3	W	1	Calm	----	10	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.
7	Calm	----	S	1	WNW	2	W	4	NW	2	Calm	----	7	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
8	SSE	1	SE	2	NNW	2	WSW	4	W	2	Calm	----	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu. WSW
9	SSE	2	S	2	SSW	2	W	4	W	4	S	2	3	Ci.-S.	Cu.	8	Ci.-S.	Cu.
10	SSE	3	SbyE	2	SSE	3	SSW	3	WbyS	1	SSW	2	10	Ci.-S.	Cu.-N.	10	A.-Cu.	Cu. SW
11	SSW	1	SSE	2	W	2	S	1	S	1	Calm	----	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
12	SSE	1	SSE	1	S	2	W	2	SSW	1	S	1	10	Ci.-S.	Cu.-N.	10	------------	Cu.-N.
13	S	1	Calm	----	W	4	W	4	Calm	----	SSE	1	10	Ci.-S.	Cu.	10	A.-Cu.	Cu.-N.
14	SSW	2	S	1	WSW	4	WSW	4	SSW	1	SSE	2	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
15	S	2	SSE	2	S	1	SSW	4	WSW	4	Calm	----	10	------------	Cu.-N.	10	A.-Cu.	Cu.-N.
16	SSE	1	S	2	SSW	1	SSW	5	SW	2	Calm	----	10	------------	N.	10	------------	Cu. SW
17	SSW	1	S	1	SSE	4	SSE	4	Calm	----	S	3	10	------------	N.	10	------------	Cu.-N.
18	SSE	2	SE	2	SSE	4	SSW	4	Calm	----	SSW	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
19	S	2	SSE	1	ESE	4	E	3	N	2	NNE	4	7	Ci.-S.	Cu.	4	Ci.	Cu.-N.
20	NNE	3	ESE	1	E	2	ESE	4	Calm	----	S	1	7	Ci.	Cu.	10	A.-Cu.	Cu.-N.
21	S	2	SE	2	SE	4	NNE	4	NE	2	Calm	----	4	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
22	Calm	----	SE	1	ESE	2	WNW	3	WNW	2	NNE	2	2	Ci.	Cu.	3	Ci.-S.	Cu.
23	Calm	----	SSE	1	SE	3	WNW	4	W	2	Calm	----	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
24	S	1	SE	1	S	4	NW	4	WNW	1	SSE	2	2	Ci.	Cu.	3	Ci.	Cu.
25	S	2	SbyE	1	N	2	WNW	4	N	2	SSE	1	8	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.-N.
26	S	1	Calm	----	E	2	NW	4	WNW	3	S	1	8	Ci.-S.	Cu.	4	Ci.	Cu.
27	S	1	Calm	----	NW	2	W	4	WNW	4	N	2	10	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N.
28	S	1	Calm	----	NNW	2	WNW	4	WNW	4	Calm	----	10	Ci.-S.	N.	10	Ci.-S.	Cu.
29	S	1	Calm	----	WNW	4	W	4	W	2	S	1	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.
30	S	1	SE	2	SE	3	E	2	S	3	SSE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
31	SSE	4	SSE	1	SSE	4	SSE	4	SbyW	2	S	1	10	------------	Cu.-N.	10	------------	Cu.-N.
Mean	------	1.7	------	1.4	------	3	------	3.8	------	2.1	------	1.5	8.5	------------	------------	8.5	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 7.5 meters; gravity correction not applied, —1.65 mm.]

AUGUST, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.05	57.20	57.92	56.32	56.56	57.51	24.2	24	27.6	31.6	27.7	25.3	32.5	23.2	95	97	83	68	80	90	3.3
2	56.48	55.68	56.99	55.65	55.57	56.74	25.1	24	24	24.1	24.9	24.4	27.9	23.4	90	97	97	96	90	97	17
3	55.94	55.78	56.23	55.06	55.34	57.01	23.6	23.3	29.1	29.8	28.4	25.8	32.1	23	97	97	81	73	79	93	1.3
4	56.47	56.65	56.70	55.98	56.05	57.33	24.6	24.4	29.9	30.9	29	26	32.4	23.9	95	95	80	73	78	89	------
5	56.91	56.68	57.50	56.53	56.41	58.13	25.2	24.3	30.2	28.4	27.6	26.3	32.5	24	92	96	77	89	87	94	5.6
6	57.72	56.77	57.64	56.28	56.70	57.76	25.8	25	30.1	32.1	27.6	26.1	32.6	24.6	95	98	78	69	91	97	------
7	56.74	56.37	57.05	56.59	56.14	58.12	25.4	25.2	30.2	27.5	25.5	24.1	31.7	23.7	95	97	75	91	92	97	17
8	56.09?	56.35	56.91	56.28	56.12	57.25	24.4	23.6	29.4	27.3	24.1	24	31.4	23.2	97	97	79	86	95	97	7.6
9	56.19	55.96	56.23	56.11	55.66	57.27	23.5	23.5	28.5	24.6	25.4	24.7	29.6	23	96	96	85	95	97	98	73.9
10	56.52	55.55	56.62	55.30	55.48	57.18	24.2	24.1	26.6	29.6	25.6	24.6	31	23.8	98	99	89	80	95	97	7.2
11	55.83	55.94	57.31	55.95	56.19	57.62	24	23.9	25.8	26	24.9	25	30.6	23.6	98	98	92	89	97	98	20.8
12	56.86	57.33	58.18	56.85	56.72	57.56	23.7	24.2	26	27.6	26	25.3	28.5	22.8	98	98	92	80	92	93	11.2
13	56.24	56.09	56.53	54.93	54.75	56.15	24.5	23.9	29.4	31.8	27.4	26.2	32.4	23.6	97	97	82	70	81	94	.3
14	55.05	55.29	55.98	55.26	55.70	57.31	25	24.5	30.1	27.5	27.5	24.8	32.1	23.7	95	92	80	92	84	95	29.4
15	56.35	56.34	56.58	55.68	56.12	57.59	23.6	24.4	30.1	31.2	27.4	25.7	32.9	23.2	96	95	80	71	86	93	------
16	56.89	56.87	57.13	55.86	55.52	56.95	24.8	24.5	30.2	27.6	27.9	26.2	32.1	24.1	97	96	80	89	86	94	27.7
17	56.36	56.46	57.14	56.04	56.01	57.56	25.5	24.9	29.7	28.6	28.6	26.5	32.3	24.6	95	98	82	86	82	94	10.4
18	57.10	57.95	58.36	56.78	56.72	58.21	26.4	24.7	29	30.8	28.5	26.6	31.4	24	94	97	75	71	80	92	------
19	57.48	57.44	58.03	57.18	57.15	57.80	27.5	25.5	30.6	31.5	29.4	28.5	32.2	25	87	96	78	75	79	85	------
20	57.08	57.23	57.89	56.54	56.46	58.11	25.6	25.5	31.3	31.6	29.5	27.6	33.4	24.6	94	96	80	71	80	91	------
21	57.43	57.09	57.64	56.47	57.24	58.68	26	24.8	31.3	32.2	24.6	24.9	33	23.9	96	95	76	70	92	96	35.1
22	57.82	57.64	58.55	57.29	57.20	58.85	25.1	24.5	29.6	28.4	27.1	26.1	32.5	24	96	96	78	85	87	92	.5
23	57.87	57.34	58.78	57.29	56.63	57.94	25.3	24	30.1	31.4	29	28	31.8	23.7	93	97	80	68	75	86	15
24	56.96	55.66	56.20	54.77	54.65	56.23	26.5	25.6	29.1	31	27.4	24.6	32	24.2	93	96	81	75	87	92	------
25	54.79	54.85	55.66	55.03	56	57.32	24.6	24.5	30.2	31.1	27.5	25.8	33.9	24	90	87	74	70	92	95	9.9
26	55.57	55.87	56.45	55.43	55.87	57.15	24.4	24	28	30.9	28.5	25.9	31.5	23.4	95	97	88	78	83	92	2.7
27	56.22	56.62	57.26	56.04	56.20	57.31	25	24.9	28.1	30.8	27.6	26	31.4	24.4	95	96	91	73	87	92	72.6
28	57.47	56.95	57.68	56.62	56.63	57.94	24.3	22.9	24	25.6	24.1	24	26.7	22.6	96	97	98	97	98	98	88.6
29	57.40	56.51	57.33	55.98	56.27	57.39	23.4	23.3	26.4	26.8	24.1	24.5	27.8	22.7	99	99	90	92	94	92	28.5
30	56.15	55.56	56.60	55.50	55.28	56.55	23.6	23.4	27.1	27.6	25.8	24	28.6	22.9	97	98	90	80	90	96	26.7
31	55.19	54.81	55.78	53.91	54	55.88	24	23.5	25	30.4	26.5	24.6	31.4	23	97	97	97	80	94	97	16.1
Mean	56.59	56.41	57.12	55.98	56.04	57.43	24.8	24.3	28.6	29.2	26.9	25.6	31.4	23.7	95.1	96.4	83.5	80.1	87.4	93.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	528.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p.m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	1	SE	2	S	4	S	4	S	2	S	3	10	------	S.-Cu.	10	A.-Cu.	S.-Cu.
2	Calm	----	Calm	----	S	3	S	2	SW	2	S	2	10	Ci.-S.	Cu.-N.	10	------	N.
3	S	1	S	1	S	4	WSW	4	SW	2	S	2	7	Ci.	S.-Cu.	10	Ci.-S.	Cu. S
4	S	1	SSE	2	SE	4	S	1	SSW	3	S	4	10	Ci.-S.	Cu.	10	Ci.-S.	N.-cf.
5	SSE	2	SSE	1	SSE	4	SSW	2	SSW	1	S	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
6	S	1	Calm	----	SSE	3	SW	4	SbyW	1	Calm	----	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
7	SE	1	S	2	S	4	SSW	1	WSW	1	Calm	----	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
8	SSE	1	S	2	S	4	Calm	----	S	1	SSE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
9	S	2	S	2	SSW	4	S	4	SSE	1	S	4	10	Ci.-S.	Cu.-N.	10	------	Cu.-N.
10	SSE	2	SSE	2	S	4	S	4	SSW	1	S	2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
11	S	2	SSE	3	SSW	4	SSW	4	SSE	2	SSE	2	10	Ci.-S.	N.-cf.	10	------	N.
12	SSE	1	Calm	----	SSE	2	S	4	SSE	2	S	2	10	------	Cu.-N.	10	Ci.-S.	N.-cf.
13	S	2	SSE	3	S	4	SW	5	SSW	2	S	1	10	------	Cu.-N.	10	Ci.-S.	Cu.-N.
14	S	4	S	2	SSE	4	Calm	----	SW	3	S	1	7	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.-N.
15	S	3	SSE	1	SSE	3	SSW	4	SW	1	S	1	10	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu. SW
16	S	1	S	1	SSE	3	W	2	SW	1	Calm	----	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N.-cf.
17	Calm	----	Calm	----	SE	2	W	2	W	1	Calm	----	10	Ci.-S.	S.-Cu.	10	------	N.
18	Calm	----	SW	2	N	2	NW	3	NNE	2	Calm	----	10	------	N.-cf.	4	Ci.	Cu.
19	NE	1	Calm	----	NNE	3	NNW	3	N	2	NNE	2	10	A.-Cu.	Cu.	10	Ci.-S.	Cu.
20	S	1	Calm	----	E	3	N	4	NNE	3	Calm	----	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
21	Calm	----	Calm	----	SE	2	WNW	4	WSW	1	S	2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
22	SSE	3	SSE	1	SSE	3	S	3	S	1	S	2	10	Ci.-S.	Cu.-N.	10	------	Cu.-N.
23	SSE	1	Calm	----	E	2	W	4	NW	3	NNE	4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
24	NE	1	Calm	----	NNE	2	S	2	S	1	SSE	5	10	Ci.-S.	N.-cf.	10	------	N.-cf.
25	SSE	5	SSE	5	SSE	5	W	4	Calm	----	Calm	----	10	A.-Cu.	S.-Cu.	10	A.-Cu.	Cu.-N.
26	S	1	Calm	----	N	1	WSW	2	Calm	----	S	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
27	SSE	1	S	2	SSE	2	WSW	3	SSW	1	Calm	----	10	------	Cu.-N.	10	Ci.-S.	Cu.
28	Calm	----	Calm	----	S	2	Calm	----	SSW	1	Calm	----	10	------	N.	10	------	N.
29	S	1	S	2	SSW	4	SSW	2	W	4	W	4	10	------	N.-cf.	10	------	N.
30	S	2	S	3	S	4	SSW	5	SSW	2	S	1	10	------	N.	10	------	Cu.-N.
31	SSE	4	S	2	SSE	4	SSW	5	S	4	SSE	3	10	------	N.	10	A.-Cu.	Cu.-N.SW
Mean	------	1.5	------	1.3	------	3.2	------	2.9	------	1.7	------	1.7	9.8	------	------	9.8	------	------

BOLINAO.

[φ=16° 24′ N; λ=119° 53′ E: barometer above sea, 7.5 meters; gravity correction not applied, —1.65 mm.]

SEPTEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.04	54.35	55.21	53.94	54.57	56.02	24.5	24.8	28.4	31.6	26.9	25.2	32	24.3	98	98	89	72	90	95	16.5
2	55.22	55.02	56.17	55.07	54.72	55.72	24.5	24.4	25.6	25.5	25.5	24.3	27.7	24	97	97	97	96	96	97	68.8
3	54.94	55.28	55.55	54.24	53.88	55.04	24.5	23.4	24.7	29.6	26.4	25	29.9	22.9	97	97	98	84	92	97	61.3
4	54.30	53.82	54.63	53.63	53.50	55.04	24.4	24.5	27	25.6	24.4	24.5	28.7	23.6	97	98	94	97	97	98	25.1
5	54.30	53.69	54.31	53.10	53.54	55.18	24.1	24.1	26.5	26.3	25.2	23.8	28.4	23.1	98	98	94	90	94	97	40.9
6	54.54	53.81	54.75	52.95	53.34	55	24.5	24	27.6	27.6	25.4	23.5	29	23.4	97	97	87	87	93	97	62.3
7	54.05	53.47	55.24	54.28	54.97	56.65	23.4	23.3	26.1	30.1	25	24	31.4	23	97	98	94	73	95	97	33.3
8	55.53	55.55	56.74	55.72	56.62	58.61	24.1	24.2	29	31.2	27	25.2	32.9	23.4	98	98	82	73	89	95	7.1
9	57.44	57.32	58.66	57.07	57.92	59.55	24.3	24	29.8	30.7	26.6	24.4	32.9	23.8	97	96	78	74	92	93	26.7
10	59.03	57.32	58.39	56.59	56.99	58.95	25.5	25	28.9	31.1	27.4	26	32.8	24.6	92	92	82	75	84	93	7.6
11	58.26	57.77	58.39	57.23	57.82	59.07	24.6	23.7	28.8	29.5	25.6	24.5	30.6	23.6	96	97	85	81	92	93	2.1
12	58.39	58.64	59.71	57.09	57.71	59.98	24.4	24.1	29.5	31.3	28.2	27.4	33	23.6	94	97	78	72	83	87	18.8
13	59.25	59.06	59.33	57.48	58.18	59.29	23.6	23.1	29.3	30.4	28.4	25.5	31.3	22.7	95	97	79	76	82	92	----
14	58.33	57.79	58.39	57.28	56.95	58.18	24.6	25.5	29.9	25	26	24.5	31.5	24	95	93	78	88	92	95	2
15	57.30	57.25	58.47	56.41	56.80	57.77	23.9	23.4	30.8	32.6	28.1	26.4	33.1	23	97	97	73	69	77	89	----
16	56.94	56.59	57.70	56.14	56.51	58.49	24.5	24.4	30.4	32.5	27	25	33.6	23.6	92	91	72	66	87	90	1.3
17	57.49	57.17	58.93	57.49	58.17	60.60	24.4	24	29.9	31.8	26.6	25.3	33.2	23.8	90	91	74	71	86	93	15.5
18	60.23	59.77	60.31	59.49	59.73	60.62	24.4	23.6	29.6	30.5	27.3	25.9	32	23.4	95	97	81	69	84	92	1.3
19	59.80	59.50	60.39	58.02	58.28	59.21	24.9	24.5	27.9	28.5	26.1	25.1	29.4	24.4	93	96	81	82	84	93	13.7
20	57.98	57.52	58.25	56.39	56.77	58.21	24.4	23.5	28	30.4	26	24.8	30.8	23.3	95	96	85	74	91	93	15
21	57.25	57	57.69	55.95	55.96	57.63	23	23.5	30	31	28.4	26	31.9	22.5	96	96	78	68	82	92	1.5
22	57.27	57.44	58.32	56.93	57.71	59.68	24.9	24.4	29	29.5	26.5	23.6	30.9	23.2	92	93	78	76	89	95	13
23	58.56	58.18	59.59	58.38	58.55	59.31	23.4	23	30.1	30.5	28.4	27.4	31.5	22.8	96	97	81	72	73	84	6.6
24	57.28	57.18	57.14	52.88	50.53	51.05	27	27	29	28.4	26.3	23.5	29.8	23	84	84	78	83	90	----	180.6
25	53.26	54.84	55.85	54.93	55.32	57.94	23.4	23	28.1	30.4	26.4	25	31.2	22.5	97	97	78	72	82	95	3.8
26	56.75	56.99	57.71	55.51	55.85	57.08	24.3	23.4	29.6	29.4	28.5	25	31.1	23.1	97	97	81	79	82	93	11.7
27	55.05	54.78	55.55	53.78	53.97	54.66	24.6	24.3	30.3	30.8	25.7	25.2	32	23.4	95	97	80	74	93	95	52.9
28	52.70	52.30	52.56	50.97	51.04	52.25	23.8	24	27	26.6	25.9	24.5	29.5	23.6	97	97	89	92	92	97	30.9
29	51.15	50.86	52.17	50.64	50.79	52.70	24.5	24.6	24.2	25.6	24.9	24.8	27.1	24	97	98	97	95	96	97	53.3
30	52.67	52.91	54.34	54.07	55.17	56.84	24.3	24	26.8	26	25	24.6	27.4	23.6	96	97	91	94	97	97	22.2
Mean	56.34	56.11	57.01	55.46	55.73	57.21	24.4	24.1	28.4	29.3	26.5	25	30.9	23.4	95.2	95.8	83.7	79.1	88.5	93.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	795.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	2	SSE	2	S	4	S	5	SSE	2	S	3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu. SW
2	SSE	2	SSE	3	SSE	2	SSE	2	SSE	4	S	4	10	Ci.-S.	S.-Cu.	10	------	N.
3	SSE	4	S	5	S	2	SSW	4	SSE	1	S	4	10	------	N.	10	Ci.-S.	Cu.-N.
4	S	3	SSE	2	SSE	2	S	2	S	4	S	4	10	------	N.-cf.	10	------	N.
5	S	1	SSW	2	S	4	SSW	5	SW	4	SSW	5	10	------	N.-cf.	10	------	N.-cf.
6	S	1	SSE	2	SSE	5	SSW	4	S	1	S	1	10	------	N.-cf.	10	------	N.-cf.
7	S	1	SSE	2	SSW	4	SSW	5	Calm	----	S	1	10	Ci.-S.	S.-Cu.	10	A.-Cu.	Cu.-N.
8	SSE	2	SSE	4	SSE	5	SSE	2	Calm	----	SSE	1	10	A.-Cu.	S.-Cu.	10	A.-Cu.	N.
9	SSE	1	SSE	3	SSE	3	W	4	Calm	----	Calm	----	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
10	NE	3	E	2	SSE	2	E	3	NNE	2	Calm	----	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
11	S	1	Calm	----	SE	2	E	1	Calm	----	Calm	----	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
12	SSE	3	SSE	2	S	4	W	4	WNW	4	Calm	----	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
13	Calm	----	Calm	----	NNE	4	N	3	NNE	3	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
14	SSE	1	W	1	WNW	2	WSW	3	Calm	----	SSE	3	10	Ci.-S.	Cu.	10	------	Cu.-N.
15	SE	1	SE	1	SE	4	E	4	E	1	Calm	----	8	A.-Cu.	S.-Cu.	7	Ci.-S.	Cu.
16	SSE	2	SSE	2	SE	4	E	2	S	1	S	1	3	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
17	S	2	SSE	2	SE	4	WSW	4	SSW	1	Calm	----	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
18	Calm	----	S	1	SE	2	W	4	Calm	----	S	1	10	------	Cu.-N.	10	Ci.-S.	Cu.-N.
19	Calm	----	Calm	----	W	2	WNW	4	N	4	Calm	----	10	------	S.-Cu.	10	A.-Cu.	Cu.-N.
20	S	1	S	1	WNW	2	NW	3	SbyE	1	S	2	9	A.-Cu.	Cu.	7	A.-Cu.	Cu.-N.
21	S	1	SSE	1	ESE	3	N	3	Calm	----	Calm	----	10	Ci.	Cu.	6	Ci.-S.	Cu.
22	S	3	SSE	4	SE	5	S	2	S	2	SSE	3	10	------	N.	10	------	Cu.-N.
23	Calm	----	Calm	----	ESE	4	NW	3	WNW	2	NNE	4	10	A.-Cu.	S.-Cu.	10	Ci.	Cu.-N.
24	NNE	4	N	4	NNW	4	NW	6	WNW	9	SW	11	10	------	Cu.-N.	10	------	Cu.-N.
25	SSW	7	SSE	4	SSE	5	S	5	S	1	Calm	----	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
26	Calm	----	Calm	----	NNE	2	NNW	4	NW	4	Calm	----	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N.
27	SE	1	Calm	----	E	2	WNW	4	Calm	----	SSW	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
28	SSW	2	S	2	SSW	4	W	4	Calm	----	S	4	10	------	N.-cf.	10	------	N.
29	SSE	2	SSE	2	S	4	S	4	S	4	SSE	4	10	------	N.	10	------	N.
30	SSE	4	SSE	1	SSE	5	S	5	S	3	S	2	10	Ci.-S.	N.-cf.	10	------	N.
Mean	------	1.8	------	1.8	------	3.4	------	3.6	------	1.9	------	2	9.7	------	------	9.7	------	------

BOLINAO.

[ϕ=16° 24′ N ; λ=119° 53′ E ; barometer above sea, 7.5 meters ; gravity correction not applied, —1.65 mm.]

OCTOBER, 1910.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.24	56.64	57.77	56.71	57.25	59.14	24.4	24.2	27.8	28.9	26.3	25	31.1	23.9	97	97	92	85	94	95	1.4
2	57.74	57.59	58.78	56.81	56.98	57.87	24.2	24	29.5	28.6	25.9	25.1	31	23.4	95	97	81	83	90	95	20.6
3	57.28	56.59	57.72	55.77	55.74	57.43	24.1	23.7	28.4	28.6	27	25	29.4	23.4	97	97	82	80	87	95	2
4	56.44	56.34	58.13	57.43	57.31	58.58	24.3	24.5	26.6	26.9	25.4	24.3	27.9	23.9	96	96	89	89	88	91	2.8
5	57.94	58.23	59.28	57.59	57.96	59.51	24.5	24	29.2	29.6	26.9	25.5	30.9	23.5	97	97	79	75	85	92	------
6	58.68	58.54	58.93	57.39	57.74	58.95	25	23.6	30.6	30.8	27.5	25.8	31	23.4	92	95	74	73	86	93	------
7	57.97	58.18	58.90	57.55	57.70	59.01	25	24.9	29.8	30.6	28.4	26.5	31.5	24.4	95	97	79	74	82	89	2.3
8	57.56	57.32	58.59	57.10	57.55	58.66	27.2	27	30.1	30.5	26.1	25	31.4	24.6	89	89	78	74	89	95	31.2
9	58.10	57.49	58.50	57.15	57.24	58.71	24.4	24.1	28.3	29.1	26.9	25.3	30	24	97	97	83	76	89	93	------
10	57.65	57.73	59.13	57.29	58.08	59.68	24.6	24.5	30.1	30.6	26.1	24.9	32	24.2	97	97	78	74	90	93	41.4
11	58.59	58.99	60.39	58.46	59.11	60.28	24	23.6	28.1	28.9	27	24.6	30.5	23.4	95	97	83	79	85	94	2.3
12	59.18	59.13	60.54	58.66	59.31	60	23.7	22.9	29.7	30	28	25.6	31	22.6	97	97	77	71	77	87	------
13	58.97	58.76	59.90	58.33	58.32	59.84	24	22.9	28.1	29.6	27.4	24.9	30.4	22.4	97	97	82	74	77	93	9.4
14	58.87	58.65	60.03	58.44	59.27	60.46	24.6	23	29.7	30.2	25	24.3	32.2	22.8	95	96	71	70	92	93	2.3
15	59.43	59.23	60.76	58.73	59.05	60.39	24.5	24.7	29	30.9	27.9	25.4	32.5	23.7	96	96	79	68	82	90	------
16	59.60	59.58	60.36	58.38	58.95	60.22	24.5	24	29.6	30.1	27.5	24.2	30.6	23.7	94	96	79	71	80	93	------
17	59.43	59.48	60.60	58.55	59.02	60.47	23	24	30.1	32.1	27.1	25.5	32.6	22.6	97	97	77	71	84	92	.3
18	59.76	60	61.20	59.42	59.51	60.87	24	23.8	29.9	32.4	28.5	25.5	32.9	23.5	93	95	73	65	72	88	------
19	60.16	60.13	61.10	59.17	58.85	60.05	24	22.5	30.7	31.3	28	27.6	32.9	22.4	91	95	70	66	76	80	------
20	59.53	59.72	60.65	58.80	58.89	59.74	24.1	23.1	30.5	31.1	28.4	27.9	32.1	23	93	95	70	66	75	79	------
21	59.10	59.25	60.19	58.43	58.95	60.15	24.2	24.5	31	31.1	28.9	28.1	33.1	24.1	93	93	69	66	75	79	------
22	59.15	59.71	60.51	58.56	58.75	59.74	25.2	23.1	30.5	30.4	28.5	24.9	31.9	23	90	95	74	73	75	92	------
23	58.54	59.11	60.24	58.74	58.74	59.23	23	21.9	30.2	33.1	27.9	28	33.7	21.6	95	96	71	59	79	79	------
24	58.28	58.38	59.49	57.79	58.05	60.08	24.6	23.7	30.9	32.5	28.8	27.5	33.4	23.6	92	95	67	64	78	84	------
25	58.87	59.39	60.54	58.59	58.75	60.40	24	23.5	31.1	31.6	28.4	25.4	33.8	23.1	95	91	71	62	75	88	------
26	59.56	60.01	60.74	58.24	58.29	59.54	23.5	24	31.1	31.9	28.5	27	33.8	22.9	95	97	72	64	76	89	------
27	58.58	59.19	60.24	58.32	58.62	59.66	24.2	23.4	31	31.1	28.4	27.9	33.6	23	93	93	69	63	75	78	------
28	58.43	58.35	59.55	57.79	58.10	59.24	24	22.9	31.2	31.6	28.3	27	33.6	22.8	91	94	71	63	76	83	------
29	58.12	58.20	59.77	58.15	58.30	59.56	23.9	22.3	30.9	31.4	28.1	25.1	32.5	22.2	91	95	67	65	77	88	------
30	58.43	58.65	59.39	56.88	56.79	57.58	23.1	23.4	29.9	31.4	28.3	25.6	32	22.5	95	95	67	65	76	88	------
31	56.27	56.32	57.04	55.18	55.44	56.35	23.8	23.5	30.6	31.6	28.9	28.5	32	23.1	95	97	72	68	79	79	------
Mean	58.47	58.54	59.64	57.88	58.15	59.40	24.2	23.7	29.8	30.6	27.6	25.9	31.8	23.2	94.4	95.5	75.7	70.8	81.3	88.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	116

Day.	Wind. 2 a. m. Direction.	Force.	6 a. m. Direction.	Force.	10 a. m. Direction.	Force.	2 p. m. Direction.	Force.	6 p. m. Direction.	Force.	10 p. m. Direction.	Force.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	2	SSE	2	SE	2	S	3	SSE	1	SSE	3	10	Ci.-S.	S.-Cu.	10	------------	Cu.-N.
2	S	4	SSE	1	SE	2	SSW	4	Calm	----	Calm	----	10	------------	Cu. SW	10	A.-Cu.	Cu.-N.
3	S	1	SSE	1	SSE	1	NW	2	Calm	----	SSE	2	10	------------	S.-Cu.	10	Ci.-S.	Cu.
4	SSE	2	Calm	----	SSE	4	S	2	SSW	4	S	4	10	Ci.-S.	S.-Cu.	10	------------	N.-cf.
5	S	4	SSE	3	SSE	4	S	4	S	2	S	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
6	SSE	3	SSE	1	SSW	3	W	4	Calm	----	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu. SSW
7	S	1	Calm	----	NW	2	NW	3	NW	2	S	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. NW
8	NW	2	NW	1	WNW	3	WNW	3	W	1	Calm	----	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
9	SW	2	Calm	----	W	2	W	2	Calm	----	Calm	----	10	------------	S.-Cu.	10	Ci.-S.	Cu.
10	S	1	SSE	2	SE	2	WNW	3	SW	2	SSE	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
11	SSE	2	S	1	W	4	NW	2	N	1	S	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
12	Calm	----	SSE	1	SE	2	NW	4	N	2	S	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
13	S	1	S	1	N	2	NNW	2	NNE	3	S	1	10	Ci.-S.	S.-Cu.	5	A.-Cu.	Cu.-N.
14	Calm	----	S	1	SSE	3	W	3	Calm	----	SSE	2	9	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.-N.
15	S	1	SE	2	SSE	4	WNW	4	NNW	2	S	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
16	S	1	S	2	E	3	NW	4	Calm	----	S	1	10	Ci.-S.	S.-Cu.	3	Ci.	Cu.
17	Calm	----	SSE	2	SE	4	ESE	3	Calm	----	S	1	8	Ci.	Cu.	4	Ci.-S.	Cu.-N.
18	Calm	----	SSE	2	SSE	4	E	3	N	2	Calm	----	10	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
19	SSE	1	SSE	1	SE	2	N	3	NNE	4	NNE	3	2	Ci.-S.	Cu.	2	Ci.	Cu.
20	S	1	SSE	1	ESE	3	NW	4	NNE	3	NNE	4	2	Ci.-S.	S.-Cu.	2	Ci.	Cu.
21	S	1	S	2	SE	3	NNE	4	N	2	NNE	4	2	------------	Cu.	2	------------	Cu.
22	S	1	SSE	1	NNE	3	N	2	NNE	4	Calm	----	1	Ci.-S.	Fr.-Cu.	10	A.-Cu.	Fr.-Cu.
23	S	1	SSE	1	E	3	ESE	2	NE	1	NNE	4	3	Ci.-S.	S.-Cu.	2	Ci.	Cu.
24	S	1	Calm	----	ESE	3	SE	2	N	3	NNE	2	3	Ci.	Cu.	3	Ci.-S.	Cu.
25	Calm	----	SSE	2	ESE	4	NW	4	NW	2	SSE	1	1	------------	S.-Cu.	2	------------	Cu.
26	S	1	SbyE	2	ESE	3	NNE	4	NNE	4	Calm	----	1	------------	S.-Cu.	2	------------	Cu.
27	S	1	SSE	1	E	2	N	3	N	4	NNE	3	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
28	SSE	1	Calm	----	ESE	3	N	4	NNE	4	Calm	----	10	Ci.-S.	Cu.	7	Ci.	Cu.
29	S	1	SSE	1	SE	2	N	3	NNE	4	SSE	1	9	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
30	S	1	SSE	1	NNE	2	N	3	NNE	4	SSE	1	8	Ci.-S.	S.-Cu.	1	Ci.	Cu.
31	S	1	S	1	W	2	NNW	3	NNE	4	NNE	4	1	------------	S.-Cu.	6	Ci.-S.	Cu.
Mean	-------	1.3	-------	1.2	-------	2.8	-------	3.1	-------	2.1	-------	1.6	7.4	------------	------------	6.5	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 7.5 meters; gravity correction not applied, −1.65 mm.]

NOVEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a.m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.17	55.33	56.41	54.10	54.49	55.90	26	23.1	30.5	31.6	29.1	26	32.4	23	90	95	73	66	81	85	------
2	55.02	55.80	57.25	55.54	56.14	58.58	24.9	24.7	28.7	28	25.5	24.4	29.9	23.6	90	90	80	77	91	91	6.4
3	57.09	57.99	59.14	57.21	57.46	59.01	24.4	23.5	28.5	29.3	27.6	26.4	31.6	23.4	95	95	80	79	86	87	------
4	57.82	58.55	59.73	57.49	57.86	59.39	24.6	24.9	29.2	29.4	26.6	24.1	31.2	22.8	91	90	79	75	89	95	------
5	58.64	58.66	60.07	58.01	58.42	59.54	23.4	22.4	30.6	31	28	27.6	31.9	21.8	95	96	70	67	77	81	------
6	58.94	58.75	59.45	57.64	58	59.44	24.6	22.8	29.9	32.6	28	24.5	33.5	22.7	95	95	69	57	71	88	------
7	58.69	58.73	59.77	58.27	58.50	59.29	22.9	23	30.4	31.1	28.3	27.6	32.6	22	94	93	66	57	77	81	------
8	58.65	58.68	59.48	57.29	58.26	59.20	23.9	24.6	30.8	33.7	27.8	25.6	34	23.4	93	96	68	61	84	92	------
9	58.11	58.22	58.89	56.71	57.34	58.20	25	24.1	30.5	30.9	28.4	27.9	31.7	24	93	96	74	69	79	82	.5
10	56.98	56.88	57.90	55.80	56.46	57.43	25.1	27	29	28.9	27.6	27.3	30.5	25	93	83	74	75	81	81	2.5
11	56.38	56.83	57.71	55.65	56.17	57.61	27	26.2	27.9	29.6	27.4	27	30.2	26.1	83	90	83	75	81	81	.3
12	56.50	56.98	58.34	56.31	56.90	57.75	26.9	26.8	29	29.6	28	25.9	31.5	25.2	80	83	72	67	77	88	------
13	57.13	57.55	58.66	56.06	56.11	56.67	23.9	22.8	29.4	29.6	27.9	27.4	30.4	22.7	92	94	72	64	71	75	------
14	55.44	55.42	56.21	53.55	53.73	54.64	24.8	24.9	27.5	27.5	26.6	24.5	29.1	24.4	88	90	86	86	89	92	.8
15	54.14	55.12	56.56	54.48	55.40	57.55	25.3	25.5	30.4	33.1	27.7	26.2	34	24.7	87	85	65	55	79	89	------
16	56.77	56.79	57.45	55.74	56.63	58.75	24.1	22.9	31	31.9	27.9	26	33.4	22.8	95	95	71	65	84	85	1.3
17	57.62	57.67	59.31	57.67	57.52	58.61	24.3	25.1	26.1	26.1	25.8	26.1	27.1	24.2	94	83	85	84	83	84	1.5
18	58.26	58.92	59.99	57.95	58.12	59.20	25.1	24.9	28.6	28.3	27.1	27	30.4	23.9	87	93	75	76	81	80	------
19	58	58.05	59.06	57.15	57.41	58.43	26.6	26 9	30	29.6	27.6	26	31.1	25.1	84	80	66	72	84	89	4.8
20	57.67	58.45	59.31	57.36	57.47	58.52	24.8	23	27.6	29.1	27	24	30.4	22.8	92	97	83	78	83	93	------
21	57.50	57.60	58.60	56.96	56.82	57.52	23.8	23.1	30.1	29.9	28	25.9	32.1	22.6	95	97	72	73	79	81	------
22	56.51	56.18	56.63	53.47	52.81	54.95	26.9	27.1	26.9	26.4	27.3	26	28.1	24.9	67	68	75	90	86	85	3.6
23	54.95	55.64	57.21	55.07	56.32	58.01	24.5	24.6	27.5	31.5	27.5	26.4	32.1	24.1	85	85	77	66	81	89	------
24	57.04	57.69	58.89	56.74	57.60	59.16	24.1	23.9	30.6	32.4	27.9	25.1	33.5	23.4	95	95	74	62	83	95	------
25	57.73	57.85	58.61	56.68	57.29	59.12	23.6	22.9	30	32.7	27.8	24.8	33.4	22.7	95	97	75	63	82	86	------
26	58.44	58.45	59.60	57.78	58.03	59.36	23.8	23.6	30.1	30.6	25.5	24.5	32.9	23.1	85	86	69	65	88	92	------
27	58.91	59.06	59.83	57.81	57.97	59.28	23	22	29.6	31.6	25.7	22.9	32.9	21.6	91	93	66	63	85	93	------
28	58.61	58.66	59.59	58.14	57.90	58.85	21.6	21.6	28.6	30	27	23	30.8	21.4	95	94	78	62	77	88	------
29	57.90	58.09	59.12	57.59	57.52	58.93	21.5	21	28.6	29.5	27.4	22.9	31.6	20.9	93	96	79	62	78	90	------
30	58.36	58.77	60.31	58.31	58.23	59.44	21.1	20.1	27.8	29.4	26.9	25	31.3	20	96	96	74	64	78	84	------
Mean	57.30	57.58	58.64	56.62	56.96	58.28	24.4	24	29.2	30.2	27.4	25.6	31.5	23.3	90.3	90.9	74.3	69.2	81.5	86.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	21.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	S	1	S	1	SSE	2	NW	2	N	1	S	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
2	S	2	SE	2	SSE	3	SE	3	S	3	S	5	10	Ci.-S.	Cu.-N.	10	Ci.-S.	S.-Cu.
3	S	4	SE	2	SE	4	ESE	2	Calm	----	S	1	10	A.-Cu.	S.-Cu.	10	Ci.-S.	S.-Cu.
4	S	2	SE	2	SE	4	S	3	Calm	----	Calm	----	10	------------	S.-Cu.	10	Ci.-S.	S.-Cu.
5	SSE	1	SSE	1	ESE	4	NNE	3	N	2	NE	2	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
6	SSE	4	SSE	1	SE	2	ESE	3	NNE	4	Calm	----	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
7	Calm	----	Calm	----	SE	2	N	3	N	4	Calm	----	1	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
8	SSE	1	SSE	2	SE	3	ESE	3	Calm	----	SSE	1	10	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
9	S	1	SSE	1	E	2	NW	4	NNW	3	NNE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
10	Calm	----	NNE	4	NNE	4	NbyE	4	N	5	NNE	5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. N
11	NNE	5	ENE	1	NNE	5	N	5	N	5	N	5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. N
12	NNE	2	N	4	N	4	N	5	N	4	SSE	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
13	SSE	1	SSE	1	WNW	2	N	5	NbyE	5	N	5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
14	S	1	Calm	----	NNE	4	NNE	4	Calm	----	SSE	1	10	------------	N.-cf.	10	------------	N.-cf.
15	SSE	5	SE	5	SE	5	SE	5	SW	1	Calm	----	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
16	Calm	----	SSE	1	ESE	4	N	4	Calm	----	WNW	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
17	Calm	----	NE	4	NE	4	NNE	5	NNE	5	NE	3	10	------------	N.	10	------------	N.-cf. NE
18	Calm	----	Calm	----	ESE	2	NNE	5	NNE	5	NNE	6	10	------------	N.-cf.	10	A.-Cu.	Cu. NE
19	NNE	6	NNE	4	NNE	3	NNE	4	N	2	SSE	3	10	------------	N.-cf. NE	10	Ci.-S.	Cu.
20	SSE	2	SSE	2	ESE	2	N	2	NNW	1	Calm	----	10	------------	N.-cf.	10	Ci.-S.	Cu.
21	SSE	2	SSE	1	ESE	2	NNE	3	Calm	----	NNE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
22	NNE	4	NNE	5	NNE	5	N	5	NNE	5	ESE	1	10	Ci.-S.	Cu.-N.	10	------------	N.
23	SSE	5	SSE	4	SE	5	SE	5	Calm	----	SSE	1	10	------------	N.-cf.	10	Ci.-S.	Cu.
24	S	1	SE	1	ESE	4	ESE	2	Calm	----	Calm	----	10	Ci.-S.	S.-Cu. SE	8	Ci.-S.	Cu.
25	SSE	1	Calm	----	E	4	E	3	Calm	----	ESE	2	10	Ci.-S.	S.-Cu.	9	Ci.	S.-Cu.
26	SE	3	SSE	2	SSE	3	NNW	2	Calm	----	SE	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
27	SSE	2	SSE	2	SE	3	E	3	Calm	----	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
28	Calm	----	S	2	N	3	N	3	N	3	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
29	S	1	SSE	1	ESE	2	NNE	4	NNE	4	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
30	Calm	----	S	1	ESE	2	NNE	2	NNE	3	SSE	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
Mean	-------	1.9	-------	1.9	-------	3.3	-------	3.5	-------	2.2	-------	2.1	9.7	------------	------------	9.4	------------	------------

BOLINAO.

[ϕ=16° 24′ N ; λ=119° 53′ E ; barometer above sea, 7.5 meters ; gravity correction not applied, —1.65 mm.]

DECEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.73	59.11	60.11	58.26	58.11	58.89	21.2	20.5	29.1	30.1	26.4	23	30.9	20.1	95	95	72	65	77	91	------
2	58.73	59.18	60.24	58.49	58.39	59.38	21.6	21.6	29	29.6	27.6	23.3	31	21.5	96	96	75	71	80	91	------
3	58.61	58.41	59.61	57.46	57.93	58.97	22.5	22.4	27.6	28.8	25.6	23.6	30.5	21.5	89	90	78	69	87	86	0.8
4	58.44	58.63	59.23	57.89	58.51	59.86	24.4	22.9	27.5	30.6	26.9	24.9	31.1	22.5	87	93	86	66	81	78	------
5	59.31	59.86	61.13	58.98	59.73	60.86	25.4	23	30.2	32	28.1	24	32.9	22.8	77	90	71	57	77	91	------
6	60.52	60.47	61.24	58.91	59.34	60.49	23.1	21.6	31	33.6	28	24.5	33.9	21.4	91	95	60	54	74	88	------
7	58.94	58.96	59.73	57.90	58.51	59.28	23	21.8	29.8	30.6	27.8	23.4	32.8	21.7	91	95	70	63	79	91	------
8	57.96	58.61	59.73	57.96	58.11	58.92	22.9	22.5	30	31	27.4	27	32.2	21.4	89	91	67	63	80	81	------
9	58.23	58.53	59.81	57.64	57.64	58.95	26	23.5	30	29.6	27	23.6	32.1	22.7	86	96	66	64	78	90	------
10	58.26	58.65	60.28	58.40	58.49	58.97	23	21	29.1	29.6	27	27.4	30.9	20.6	91	95	70	67	81	86	------
11	58.82	59.23	60.66	58.79	58.86	59.99	23.5	21.5	29.4	31.1	27	24.5	32.7	21.4	91	95	66	56	84	92	------
12	58.92	58.81	60.03	58.01	58.36	59.98	24.5	22.3	29.5	30.3	26.4	23.4	31.7	21.9	93	93	68	64	84	90	------
13	58.85	58.86	59.89	57.36	57.36	58.97	22.1	21.9	29.1	30.6	27.6	25.7	31.1	21.3	95	96	74	69	81	90	------
14	58.47	58.08	59.25	57.44	57.46	59.07	25	23.5	29.6	31.1	27.5	27	31.5	23.1	88	91	72	69	84	84	------
15	58.35	58.33	59.40	57.55	58.17	59.42	26.6	26.1	28	28.3	26.9	26.5	29.5	26	84	84	77	77	83	84	------
16	58.66	58.82	60.09	58.69	58.87	59.75	26.5	26.4	29.6	28.9	27.4	27.3	31.1	25.6	81	78	68	69	78	77	------
17	58.85	58.83	59.43	57.13	57.91	59.24	24.1	22.4	29.6	32.6	26.9	23.4	33.4	21.4	81	89	62	52	78	76	------
18	58.75	59.08	60.13	58.24	58.51	59.93	23	22.6	29.4	33.1	26.5	23.4	33.6	22.4	74	78	59	55	66	76	------
19	59.06	59.47	60.86	58.68	58.78	60.27	22.6	21.9	29.1	31.1	24.9	23.4	32.5	21.6	78	79	58	55	82	76	------
20	59.51	59.49	60.36	58.55	58.75	60.12	22.3	21.9	29	31.6	26.1	22.5	32.3	21.4	81	85	64	54	79	93	------
21	59.15	59.50	60.01	57.96	58.50	59.41	20.2	20.5	27.6	28.9	26.1	26.4	30	19.3	95	94	74	68	75	79	------
22	58.82	58.57	58.86	56.91	57.97	58.85	25.5	25.6	28.1	29.4	26.9	22	30.4	21.1	82	84	57	61	71	91	------
23	58.14	58.22	59.26	57.47	57.95	59.51	21.6	25.7	27.1	27.4	26.6	26.5	29	20.9	95	84	76	78	84	82	------
24	58.21	58.68	60.31	58.10	58.67	60.29	26	25.4	27.8	29.5	26.6	24.9	30	23.2	79	77	69	70	80	82	.1
25	60.17	60.56	61.92	59.86	60.42	61.09	22.8	20.9	27.6	28	25.9	25.9	29.7	20.7	86	96	74	71	79	85	------
26	60.46	60.15	61.16	59.05	59.31	60.73	25.5	25.4	27.5	29	26.4	23.1	29.6	22.5	88	82	76	71	81	94	------
27	59.75	60.29	61.71	60.14	60.50	62.10	22.5	22.8	29.6	32.4	27.5	26.6	32.6	21.9	95	92	67	59	78	87	------
28	61.42	61.62	62.67	60.90	61.79	62.11	23.6	23.5	27.5	31.2	26.4	24	32	23	97	96	78	64	79	88	------
29	61.15	60.99	61.65	59.38	59.89	61.05	24	22.9	28.2	32.6	27.2	23.9	33.1	22.6	84	88	68	54	77	83	------
30	60.38	60.51	61.73	59.38	59.60	60.35	23.5	22.5	30	31.1	25.6	23.5	32.8	22	83	86	62	57	84	91	------
31	59.30	59.27	60.70	58.88	59.85	61.22	21.9	22.1	28.6	31.2	25.6	23.1	32.6	20.6	93	91	68	56	81	78	------
Mean	59.13	59.28	60.36	58.40	58.78	59.94	23.6	22.9	28.9	30.5	26.8	24.6	31.6	21.9	87.6	89.5	69.4	63.5	79.4	85.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	0.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	1	S	2	NNE	3	NNE	3	Calm	----	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
2	SSE	1	Calm	----	N	2	NE	3	Calm	----	Calm	----	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
3	S	2	S	2	SSE	2	NW	2	Calm	----	SSE	3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
4	SSE	2	SSE	2	ESE	2	N	2	SSE	2	SSE	3	10	------	N.-cf.	10	Ci.-S.	S.-Cu.
5	ESE	1	SSE	2	E	3	ESE	3	NNE	4	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
6	S	1	SE	1	ESE	4	ESE	4	NNE	4	SSE	1	10	Ci.-S.	S.-Cu.	1	Ci.	Cu.
7	SSE	1	SSE	1	ESE	4	NNW	3	Calm	----	SSE	1	4	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
8	SSE	1	SE	2	SSE	4	N	4	NNE	4	NNE	4	3	Ci.	S.-Cu.	7	A.-Cu.	S.-Cu.
9	Calm	----	SE	2	ESE	4	N	4	N	4	SSE	1	7	Ci.-S.	S.-Cu.	2	Ci.	Cu.
10	SSE	1	SSE	2	ESE	3	N	3	N	4	NNE	4	10	Ci.-S.	S.-Cu.	5	Ci.	Cu.
11	SSE	1	SSE	2	SE	4	NE	4	NNE	4	Calm	----	10	Ci.-S.	S.-Cu.	3	Ci.	Cu.
12	SSE	1	S	1	E	4	NNE	4	Calm	----	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
13	SSE	1	SSE	1	NW	2	N	3	NNW	2	S	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
14	SE	3	SSE	2	E	3	NNW	3	NNE	5	NNE	6	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
15	NNE	6	NNE	5	NNE	5	NNE	5	NNE	6	NNE	5	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
16	NNE	4	NNE	4	ESE	2	NNE	4	NNE	4	NNE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
17	SSE	2	SE	2	SSE	4	ESE	4	S	1	SSE	4	10	------	S.-Cu.	10	Ci.-S.	Cu.
18	SSE	4	SSE	4	SE	4	SE	4	SSE	4	SSE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
19	SSE	4	SSE	3	SSE	4	ESE	4	Calm	----	SSE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
20	SSE	3	SSE	2	SE	4	E	3	NNE	2	Calm	----	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
21	SSE	1	SSE	2	ESE	4	N	4	NNE	4	NNE	3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
22	NNE	3	NNE	4	NNE	4	N	4	NNE	4	S	1	10	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu.
23	S	1	NNE	4	NNE	4	NNE	5	NNE	5	NNE	5	10	Ci.-S.	s.-cu. NNE	10	Ci.-S.	Cu. NNE
24	NNE	5	NE	4	NNE	4	NW	2	NNE	4	SSE	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
25	SSE	2	Calm	----	NNW	2	N	4	NNE	5	NNE	6	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu. N
26	NNE	6	NNE	5	NNE	5	N	4	N	2	S	1	10	Ci.	Cu. NE	10	Ci.-S.	Cu.
27	S	1	SE	2	SSE	4	E	2	N	2	NNE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
28	Calm	----	SE	2	SE	4	E	4	SSE	2	SSE	3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
29	SSE	2	SSE	2	SSE	4	SE	4	Calm	----	SSE	3	10	Ci.-S.	S.-Cu.	10	Ci.	Cu.
30	SSE	4	SSE	2	ESE	4	E	3	Calm	----	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
31	S	1	SSE	4	ESE	4	E	3	SSE	1	SSE	4	9	Ci.	S.-Cu.	10	Ci.-S.	Cu.
Mean	------	2.1	------	2.4	------	3.5	------	3.5	------	2.5	------	2.5	9.5	------	------	8.7	------	------

BAGUIO.

[φ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

JANUARY, 1910.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	36.48	36.97	37.61	36.15	36.29	37.41	15.6	16.4	21.9	20.4	18.4	17.1	24.1	15	86	65	49	86	90	89	------
2	36.67	37	38.62	37.01	37.31	38.18	16.3	15.4	20.4	17.5	16.3	15	22.4	14.7	92	87	76	100	94	97	------
3	37.84	38.06	39.03	37.30	38.19	38.78	14.5	14.6	20	21.9	17.2	15.6	23.1	14	96	91	69	63	84	89	------
4	38.26	38.88	39.70	38.37	38.90	39.17	14.8	14.5	20.5	22.8	15.5	16.3	24.5	13.8	89	90	63	59	97	84	7.1
5	38.48	38.45	39.45	37.75	37.77	38.82	17	16.4	19.5	21.7	18.2	16.2	24.1	15.3	74	72	65	80	88	82	------
6	38.41	37.35	33.77	37.31	37.54	38.05	15.2	15.8	22.5	21.6	17.5	16.1	24.6	14.3	72	53	43	80	87	85	------
7	37.08	36.41	36.92	35.81	36.10	36.72	14.9	15.3	19.8	21.4	18	17.4	24	14.3	73	56	46	36	28	17	------
8	35.74	35.55	37	35.89	35.98	56.53	18.2	17.9	23.1	21.3	16.6	14.8	25	14.5	11	10	25	73	82	84	------
9	35.62	35.77	37.02	36	36.47	36.77	16.1	16.4	20.9	20.7	17.4	15.9	23	14.2	77	73	66	67	90	88	------
10	36.52	36.42	37.21	36.15	36.12	36.55	14.6	15.3	21.4	21.9	17.4	15.5	24	13.2	89	75	54	73	85	85	------
11	35.62	35.35	36.21	35.08	35.28	35.57	14.3	14.4	22.9	22.3	18.4	16.2	25	13.4	83	66	54	73	88	90	------
12	34.74	35.07	36.68	35.63	35.37	35.79	14.9	14.3	20.1	21.4	17.4	15	24.8	13.6	86	83	53	77	86	92	------
13	35.17	35.05	35.75	34.81	35.07	35.39	14.5	15.5	22.2	21.8	17.6	15.8	24.3	13.1	87	64	63	77	94	98	------
14	35.11	35.19	35.92	35.07	35.42	35.67	14.7	13.3	18	18.8	17	15	22.4	12.9	98	100	88	88	93	93	------
15	35.80	35.81	36.51	35.38	35.91	36.55	13.9	13.9	20.4	21.4	15.9	13.9	24.3	12.7	94	81	61	78	80	85	------
16	35.88	36.30	37.97	36.63	36.78	37.30	13	11.9	16.1	21.9	15.6	13.7	23.2	11.3	88	91	68	67	93	90	------
17	36.82	36.75	37.69	36.37	36.42	37.04	12.8	12.4	18.6	20.4	15.9	14.2	22.6	11.9	92	87	68	73	95	93	------
18	36.27	36.22	37.14	36.05	36.19	36.94	13.7	13.5	18.1	18.5	15.4	13.7	23	12.9	87	74	59	83	73	85	------
19	36.65	36.72	37.52	36.45	36.98	37.57	13.3	12.9	18.4	19.5	15.9	14	21.7	12.5	87	92	66	62	80	91	------
20	36.93	37.49	38.74	37.65	37.44	37.95	14.8	14.7	18.1	15.4	15.8	16.1	20.2	14	86	92	74	93	90	81	------
21	37.27	37.79	38.84	37.24	37.36	38.14	15	15.9	22.9	19.5	17	16.2	23.7	14.4	91	86	66	91	100	100	1.8
22	37.50	37.69	39.03	37.50	37.31	38.27	16.2	16	17.3	17.5	17.4	16.1	20.2	15	100	100	99	100	100	96	19.6
23	37.65	37.75	38.72	37.24	37.30	38.20	15.2	15.7	17.4	17.9	16.9	15.4	20.5	14.7	95	92	98	99	100	100	4.6
24	37.79	37.66	38.49	37.28	37.52	38.18	14.8	15.2	19.4	18.1	16.8	15.2	22.5	14.2	99	100	90	99	99	99	------
25	37.82	37.67	38.75	37.49	37.30	37.67	14.2	13.6	17.3	20.4	14.9	14.2	21.5	12.5	98	98	95	71	61	72	12.7
26	36.95	36.85	37.90	36.99	37.19	37.85	12.1	11.4	16.6	19.5	14.4	12.3	21.3	11	87	83	65	56	78	87	------
27	37.12	37.60	39.13	38.12	38.10	38.98	11.5	10.9	17	20	15.5	13.4	22.2	10.7	91	89	66	78	93	97	------
28	38.22	38.08	39.05	37.71	37.40	37.90	12.5	12.4	18	20.9	15.3	13.2	21.4	12.2	99	98	78	73	88	97	------
29	36.89	36.93	37.82	36.49	36.32	36.87	12.4	11.7	17.7	19.2	15.1	13.1	21.8	11.1	100	100	79	75	97	98	------
30	36.43	36.87	37.71	36.78	37.21	37.46	11.6	10.4	17.5	19.3	15.2	13.8	21.8	10.1	99	99	58	80	75	84	------
31	37.25	37.41	38.05	36.75	37.09	37.95	12.3	12.9	18.4	18.8	14.7	13.1	21.9	12.2	92	80	75	82	91	99	------
Mean	36.81	36.87	37.90	36.66	36.83	37.43	14.4	14.2	19.4	20.1	16.5	15	22.9	13.2	87	81.5	67.1	77.2	86.4	88	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	45.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	E	ESE	WSW	SE	E	80.5	81.3	74.6	99.2	335.6	0	Ci.	Cu.	9	------------	Fr.-N. ENE
2	E	NE	WSW	W	E	E	62.6	57.6	54.7	142.6	317.5	3	Ci.	Cu.	10	------------	------------
3	SE	SE	ESE	ESE	SSE	E	152.4	173.8	148.9	145.6	620.7	7	Ci.	Cu.	3	Ci.	Cu. E
4	E	E	E	SE	E	E	102.7	129.8	106.2	317	655.7	1	Ci.	Cu.	9	A.-Cu.	Cu.
5	E	E	ESE	SW	SSW	ESE	196.6	114.3	74	85.9	470.8	9	A.-Cu. S	S.-Cu. S	6	A.-Cu.	S.-Cu.
6	E	SE	NW	SW	E	SE	134.2	82.7	52.5	48.3	317.7	3	Ci.	S.-Cu.	6	Ci.-S.	Fr.-Cu. S
7	E	E	ESE	ESE	SE	SE	82.1	136.8	120.7	173.8	513.4	9	Ci.	Cu.	7	Ci.-S. WSW	Cu.
8	SE	SE	ESE	WSW	S	E	152.9	54.7	67.1	192	466.7	0	------------	Cu.	1	------------	Cu.
9	E	E	E	ESE	SE	E	191.5	199.5	165.7	172.2	728.9	1	------------	Cu.	4	Ci.	Cu. E
10	SE	SE	E	ESE	Calm	Calm	78.1	141	63.4	17.4	299.9	1	Ci.	Cu.	3	Ci.	Cu. SE,NE
11	E	E	Calm	SW	Calm	E	104.3	70.8	81.3	49.1	305.5	0	Ci.	Cu.	6	------------	S.-cf. variable
12	SE	E	E	SW	SE	E	163.5	89.1	50.4	71.4	374.4	0	Ci.	Cu.	5	------------	Cu.-N. NW,SW
13	SE	E	SW	SW	Calm	E	80.2	42.6	79.7	53.7	256.2	0	Ci.	------------	4	------------	Cu.
14	NW	N	WSW	W	SE	SE	56.9	63.9	71.6	103.8	296.2	3	Ci.	Cu. N	10	------------	------------
15	E	E	E	SW	SE	SE	101.2	82.3	59	129.2	371.7	3	Ci.	------------	8	Ci.	Cu.
16	ESE	E	SE	WSW	NW	E	167.1	138.6	78.1	102.2	486	2	Ci.	Cu.	7	A.-Cu.	Cu. NW,ESE
17	E	E	WSW	W	W	W	100.8	79.5	110.7	57.9	348.9	1	Ci.	Cu.	6	------------	Cu.
18	E	E	E	WSW	E	SE	95.3	114.3	58.4	150.3	418.3	4	Ci.	Cu.	7	------------	Cu. SE
19	SE	SE	E	SE	E	E	164.1	158.2	130	149.7	602	0	------------	Cu.	3	Ci.	Cu.
20	ESE	NE	E	E	E	E	83.1	87.1	115.4	163.6	449.2	10	------------	S.-Cu.	10	------------	N.
21	E	E	E	W	NE	S	108	67.6	49.6	27.2	252.4	8	A.-Cu. SE	S.-Cu.	9	A.-Cu.	Fr.-N.
22	E	E	ESE	W	Calm	E	37.2	28.5	23	71.6	160.3	10	A.-Cu.	S.-Cu.	10	------------	N.
23	NE	NW	Calm	WSW	Calm	SE	69.5	48.3	56.5	84.3	258.6	6	A.-Cu.	S.-Cu. NW	10	------------	Fr.-N.
24	E	NNE	W	WNW	E	E	72.9	54.2	69.5	74	270.6	10	------------	S.	10	A.-Cu.	Fr.-N. WNW
25	E	NNE	W	NW	N	E	55.3	61.8	102	93.6	312.7	3	Ci.	Cu.	6	Ci.	Cu.
26	E	E	E	SE	E	E	137.4	154.5	95.3	158.2	545.4	3	Ci.	Cu.	4	Ci.	Cu.
27	SE	E	E	WSW	Calm	NE	132.5	122	61.7	48.5	364.7	2	Ci.	Cu.	7	Ci.	Cu. E
28	Calm	W	SW	WSW	Calm	Calm	25.8	44	106.5	26.8	203.1	0	Ci.	------------	6	Ci.	Cu. NNW
29	N	N	WSW	WSW	SE	E	48.3	66.8	101.1	86.4	302.6	1	Ci.	Cu.	7	Ci.	S.-cf. NW
30	E	NE	E	SW	ESE	ESE	95.8	48.5	90.1	133.6	368	0	Ci.	------------	3	Ci.-S.	Cu.
31	E	E	ESE	E	ESE	E	149.1	169.4	140.6	168.4	627.5	0	Ci.	Cu.	3	Ci.	Cu.
Mean	------	------	------	------	------	------	105.9	95.6	85.8	109.6	396.8	3.2	------------	------------	6.4	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	12,301.2	------	------------	------------	------	------------	------------

The barometric readings of this station are not reduced to sea level.

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

FEBRUARY, 1910.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	37.72	38.06	39.56	38.40	38.77	39.91	12.9	12.7	17.8	19.2	15.1	13	22.1	12.2	92	92	86	72	86	94	------
2	39.19	38.91	39.76	38.80	38.85	40.12	12.2	12	17.4	18.8	13.9	12.4	20.2	11.5	96	93	74	86	94	98	------
3	39.29	39.16	39.96	38.55	38.60	39.46	12.1	12.3	18.3	20.8	14.9	13.2	22.8	11.9	98	94	97	94	79	91	------
4	38.58	38.75	39.45	37.81	37.80	38.30	13.2	13.7	19.5	21.4	17.1	15.1	24.1	12.9	86	83	60	72	80	90	------
5	37.63	37.42	38.32	36.83	36.80	37.92	14.9	14.9	19.3	20.4	16.5	14.8	22.1	14.4	89	90	70	65	82	92	------
6	36.71	36.52	37.27	35.86	36.19	37.37	14.8	15.4	20.3	21.5	18.1	16.8	24	14.4	91	87	68	65	86	92	------
7	36.63	36.66	37.59	36.04	36.08	36.82	16.2	15.7	21.6	18.9	18.2	16.3	24.1	15.4	95	97	65	95	94	100	------
8	36.06	36.30	37.19	36	35.91	36.31	15.9	14.9	21.7	21.9	18.1	16.9	23.6	14.7	97	100	73	81	93	97	------
9	35.85	35.80	36.17	35.38	35.50	36.29	16.9	15.8	21.2	20.8	18.1	16.6	24.9	15.5	92	97	72	85	98	99	1.8
10	35.96	36.17	37.18	35.90	35.86	36.51	15.8	15.4	20	19.9	17.4	17	23	15.2	99	98	91	88	96	95	4.6
11	36.20	36.15	37.06	35.78	35.74	36.28	15.7	15.4	18.4	18.8	16.9	15.1	21.2	14.5	98	98	81	94	100	98	------
12	35.59	35.64	36.55	35.28	35.47	36.20	14.1	13.9	18.3	19.5	16.5	15.1	20.6	13.5	100	94	75	79	91	93	------
13	35.59	35.98	37.10	35.98	36.18	36.95	14.4	14.5	18.9	18	17.4	16.4	22.7	14.3	93	97	77	98	100	100	1.5
14	36.37	36.66	37.53	36.30	36.54	37.03	15.8	15.5	19.6	18.4	17	16.4	21.6	15	100	99	77	90	100	99	------
15	36.32	36.81	37.65	35.98	36.12	37.14	16	15.4	20.5	20	17.6	16.7	23.1	15.1	97	99	77	91	100	99	------
16	36.23	36.70	37.73	36.21	36.25	37.17	15.7	15.6	22.4	20.3	18	17.1	23.6	15.1	100	96	77	91	100	100	------
17	36.31	36.23	36.96	35.59	35.60	36.76	16.3	15.9	21	21.9	18.2	17.2	25.1	15.2	99	99	84	78	80	82	------
18	35.92	36.06	37.11	35.69	35.91	36.72	16.9	16.1	21.3	21.9	19.3	17.2	24.4	15.6	89	99	80	78	93	96	------
19	35.84	36.61	37.96	36.91	37.14	37.96	15.9	15.6	20	20.1	18	16.7	24.7	15	97	91	81	88	100	100	------
20	37.29	37.51	38.97	37.64	37.88	38.18	15.4	15.2	21.2	23.3	18.4	16.1	24.7	14.3	100	98	66	71	86	97	------
21	37.33	37.40	38.10	37.01	37.11	37.85	15.1	14.8	20	19.1	16.9	15.2	23.1	14.2	95	94	72	90	99	100	------
22	37.09	37.13	37.70	36.28	36.37	37.25	15.2	14.8	18.9	21.1	17.3	15.3	23.5	14.5	100	100	89	77	97	100	------
23	37.03	37.09	37.94	36.38	36.31	36.86	15	14.3	20.3	19.9	16.9	16.1	22.7	14.1	100	97	68	86	100	96	------
24	36.30	36.51	37.77	36.70	36.54	37.07	15.2	14	19.4	20.3	17.6	16.1	22.4	13.5	98	100	85	86	92	95	------
25	36.04	35.96	36.99	36	36.11	36.90	15.3	14.4	19.9	22.5	17.9	16.1	24.6	14	96	95	56	72	80	75	------
26	36.09	36.44	37.54	36.60	36.45	37.21	15.4	12.5	21.4	21.9	17.9	15.9	23.9	12.4	55	68	60	76	96	93	------
27	36.52	36.39	37.27	35.99	35.45	36.34	15.1	14.9	23.5	23.3	18.6	17	26.5	14.8	88	86	52	71	97	95	------
28	35.96	35.66	36.58	35.69	35.55	36.50	14.5	14	20.3	21.3	18.2	16.3	23.6	14	100	100	79	80	100	100	------
Mean	36.70	36.81	37.75	36.48	36.54	37.34	15.1	14.6	20.1	20.5	17.4	15.9	23.3	14.2	94.3	94.3	74.7	82.1	92.8	95.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	7.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	ESE	ESE	SE	E	ESE	151.3	150.8	78.7	149.2	530	8	Ci.-S.	Cu.	9	A.-Cu.	S.-Cu.
2	SE	SE	ESE	ESE	ESE	E	159.5	170.6	137.3	155.6	623	3	Ci.	S.-Cu.	6	Ci.	Cu.
3	ESE	E	E	ESE	E	SE	168.9	136.8	117.7	175.2	598.6	8	Ci.-S. SWbyW	Cu.	4	Ci.-S.	Cu.
4	SE	SE	ESE	WSW	E	E	177.8	152.4	91.4	121.3	542.9	8	Ci.-S.	Cu.	8	Ci.	S.-cf. EbyS
5	E	N	SE	E	E	E	64.9	41.5	92.5	148.7	347.6	9	------	S.-Cu.	10	Ci.-S.	S.-Cu. E
6	E	E	ESE	ESE	ESE	E	134.1	120.1	94.1	82.7	431	9	Ci.	S.-Cu.	10	Ci.-S.	Cu.
7	SE	E	ESE	WSW	S	E	94.6	70.8	72.4	70.2	308	1	Ci.	Cu.	10	------	------
8	E	NE	NE	WNW	Calm	E	56.9	73.2	90.9	30.1	251.1	10	------	------	10	------	Cu.-N.
9	SE	E	E	SW	Calm	SE	78.9	106.7	71	58.5	315.1	5	Ci.	Cu.	9	Ci.	N.-cf.
10	E	E	WSW	W	W	Calm	57.9	60.4	79.4	25.2	222.9	2	Ci.	Cu.	9	------	Cu.-N.
11	E	E	S	W	W	SE	96.6	57.6	39.9	73.5	267.6	9	Ci.	S.	10	------	N.
12	E	E	E	S	SE	ESE	99.3	83.7	47.5	111	341.5	10	------	S.-Cu.	8	A.-Cu.	S.-Cu. SE
13	E	E	E	WSW	S	SE	103.5	127.4	60.2	62.2	353.3	9	A.-Cu. W	Cu.	10	------	------
14	E	E	E	WSW	W	E	83.4	73	71.6	58.7	286.7	9	------	S.-Cu.	10	------	------
15	E	E	ESE	WSW	SW	E	92.5	72.2	73.4	49.6	287.7	2	Ci.	Cu.	10	------	Fr.-N.
16	E	E	NW	W	W	Calm	70	62	90.9	8.5	231.4	1	Ci.	Cu.	10	------	S.
17	SE	Calm	SW	W	N	E	15.8	57.7	109.2	80.8	263.5	1	Ci.	Cu.	8	------	N. NW
18	SE	SE	WSW	W	Calm	SE	47.8	58.4	96.4	90.3	292.9	1	Ci.	Cu.	8	------	Fr.-N.
19	SE	SE	W	W	W	NE	103.6	71.6	112.7	31.2	319.1	9	Ci.	Fr.-N.	9	------	N. W
20	NE	E	NE	WSW	W	E	62.5	65.8	110	57.1	295.4	5	Ci.	Cu.	10	Ci.-S.	N.-cf.
21	E	E	ESE	WSW	W	SE	103.5	110	109.6	43	366.1	4	Ci.	Cu.	10	------	S.-Cu.
22	E	E	SW	WSW	W	N	35.4	74	124.1	50.2	283.7	10	------	------	9	------	Fr.-N. NE
23	NW	NW	N	W	W	SE	73.8	89	102.5	108.9	374.2	2	Ci.	Cu.	10	------	------
24	E	NE	SW	WSW	SE	SE	89.6	58.5	75.8	83.2	307.1	3	Ci.-S.	------	10	------	S.-Cu.
25	ESE	E	ESE	SW	W	SE	136	142.7	120.7	103.3	502.7	6	Ci.	Fr.-Cu. E	3	Ci.	Cu.
26	ESE	NE	W	WSW	Calm	E	73.8	65.8	90.7	48.8	279.1	2	Ci.	------	2	Ci.	Cu.
27	E	NE	E	WSW	W	SE	40.2	44.9	111.6	39.9	236.6	3	Ci.	------	3	------	S.
28	E	N	WSW	W	SE	SE	56.9	68.2	81.9	40.2	247.2	3	Ci.	------	10	------	S.-Cu.
Mean	------	------	------	------	------	------	90.3	88.1	91.2	77	346.6	5.4	------	------	8.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,706	----	------	------	----	------	------

BAGUIO.

[ϕ=16° 25′ N ; λ=120° 36′ E ; barometer above sea, 1,512.5 meters ; gravity correction not applied, —1.65 mm.]

MARCH, 1910.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	35.59	36.09	37.09	35.90	35.84	36.17	15.6	14.8	22.4	22.4	19	16.7	24.6	14.1	99	96	56	77	86	73	
2	35.05	35.34	36.26	35.01	34.96	35.75	15.7	16.5	23.3	24.3	18.4	16.3	26.6	15.5	53	33	35	65	88	92	------
3	35.29	35.55	36.86	35.64	35.50	36.23	14.8	15.3	21.1	22.1	18.5	17	24.7	14.7	100	95	71	71	94	90	------
4	35.86	35.90	37.28	35.98	35.76	36.63	15.9	15.5	21.8	21.4	18.9	16.7	25	15	90	92	65	78	84	86	------
5	35.60	36.40	37.57	36.33	36.17	36.73	15.4	15.4	20.9	22.9	18.2	15.9	25	15.1	96	96	77	72	90	96	------
6	36.37	36.95	38.30	36.40	36.28	37.58	15.2	14.4	19.9	23	17.9	16.5	24.3	13.7	98	100	81	73	97	94	------
7	36.25	36.51	37.70	36.31	36.38	37.10	15.3	14.9	18.5	21.1	17.3	15.6	23.1	14.4	95	98	85	81	91	89	------
8	36.48	36.75	38.06	36.65	36.70	37.91	14.7	14	21.3	22.7	18.1	15.9	23.7	13.5	86	80	55	70	91	85	------
9	37.15	37.41	38.49	37.42	37.38	38.69	15.1	14.4	20.9	19.4	16.9	16	23.7	14.4	84	89	64	87	95	94	7.6
10	37.96	38.15	39.38	38.01	37.64	38.88	15	15	19.1	16.9	16.4	15.8	23	14.4	98	93	85	100	97	98	11.7
11	37.90	37.77	38.74	37.60	37.84	38.74	14.8	14.5	17.2	17.9	16.6	15	21.3	14.3	100	100	99	99	99	99	5.1
12	37.90	38.09	38.44	37.28	36.86	38.05	14.3	13.9	19.5	18.5	15.9	15	21.8	13.9	95	97	82	95	100	100	17.5
13	37.03	37.27	38.49	37.13	36.92	38.13	14.9	14.6	20.7	18.1	16.7	14.6	22.5	13.9	99	96	73	100	100	100	20.1
14	37.63	37.58	38.42	37.68	37.67	38.28	13.7	14.4	18.7	16.9	15.9	15.6	21.5	13.4	98	81	78	98	100	96	1
15	37.25	37.50	38.35	37.34	37.07	37.93	14.9	14.5	20.9	17	17	15.4	21.4	14.4	99	91	72	100	100	99	.5
16	36.54	36.15	36.75	35.58	35.86	36.53	14.7	14.2	21	20	17	16.7	22.8	14	97	87	72	87	99	85	
17	35	35.17	35.89	34.45	34.22	34.74	15.8	14.9	19.5	19.6	17	16.8	23.2	14.6	80	73	73	90	100	95	------
18	33.85	33.99	34.99	33.84	33.50	34.70	16.5	15.4	17.5	18.3	16.4	15.4	22	15	85	98	93	91	91	96	5.1
19	33.84	34.32	35.44	34.71	34.55	36.36	14.5	14.8	20	19.4	17.2	16.8	22.2	14.4	96	90	79	91	100	98	12.2
20	35.58	36.09	37.60	36.26	36.15	37.23	16.3	15.4	19.4	20.9	17.5	17.1	23.1	15	98	96	84	90	100	97	------
21	36.41	36.98	38.15	36.84	36.70	37.35	16.7	16.4	20.2	18.4	18.8	17.2	23.1	16	100	100	80	100	92	98	2.8
22	36.54	36.72	38.10	36.30	36.31	37.49	16.8	16	20.4	20.1	16.9	16.2	22.3	15.7	99	100	73	91	78	90	5.3
23	36.52	36.25	37.50	36.39	36.50	37.82	16.2	16	20.2	17.4	17.4	15.9	21.8	15.1	96	96	89	96	100	100	18.5
24	36.89	37.34	38.53	36.89	37.10	38.48	15.5	16	22.2	19.4	16.4	16.1	23	15	92	87	76	98	100	98	6.6
25	38.03	38.23	39.13	38.28	38.39	39.18	16.1	16	20.5	21.5	17.5	16.9	24	15.8	89	89	74	82	90	89	15.5
26	38.60	38.65	39.87	38.48	38.36	39.38	16.1	15	21.6	21	19	16.5	24	14.2	88	91	62	91	90	94	------
27	37.98	37.98	39.15	37.52	37.50	37.84	16.6	16.8	23.5	23	19.4	17.4	25.6	14	64	35	22	79	83	60	------
28	36.79	36.86	38.05	37.04	37.07	37.57	17.7	17.3	23.9	22.3	19.2	16.8	25.2	16.2	53	37	36	80	88	88	------
29	36.59	36.50	37.69	37.04	37.09	37.55	15.2	15.4	21.4	23.7	18.9	16	25.4	14.5	89	81	86	63	88	87	------
30	36.53	36.54	37.59	36.53	36.31	37.35	15.7	15.9	21	20.9	17.8	17	25	15.3	85	70	61	83	88	89	------
31	36.34	36.38	36.89	35.96	35.88	36.74	15.8	16.1	22.4	22.9	18.4	17.3	25.4	14.9	92	80	58	77	96	89	------
Mean	36.49	36.69	37.77	36.54	36.47	37.39	15.5	15.2	20.7	20.4	17.6	16.3	23.6	14.7	90.1	85.4	70.8	85.6	93.4	91.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	129.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	E	E	WSW	SE	ESE	52.1	61.4	78.9	134.9	327.3	8	Ci.-S.	Cu.	10	------	------
2	ESE	ESE	SE	WSW	W	SE	185.2	104	108.8	44.1	442.1	2	Ci.	Cu.	1	------	Cu.
3	N	N	WSW	WSW	W	SE	37	87.7	135.2	41.3	301.2	10	Ci.-S.	S.-Cu. W	6	------	Cu.
4	W	E	SW	W	W	S	29	62.3	137.8	32.8	261.9	5	Ci.	Cu.	9	------	S. W
5	E	NW	WSW	WSW	WSW	E	29.8	67.8	112.3	69.7	279.6	3	Ci.	Cu.	6	------	S. WNW
6	E	NE	WSW	WSW	W	E	83.2	79.2	97.4	47.5	307.3	9	Ci.	Cu.	10	------	S.-Cu. W
7	E	NNE	SW	WNW	Calm	E	62.6	74.2	105.7	59.3	301.8	4	Ci.	Cu.	10	------	------
8	SE	E	ESE	W	Calm	E	94.1	78.7	92.8	56.8	322.4	3	Ci.	S.-Cu.	9	------	S.-cf. SSE
9	SE	E	ESE	W	NE	E	98.8	86.3	101.2	66.2	352.5	9	Ci.	Cu.	10	------	------
10	E	E	WSW	W	NE	SE	76.7	61.7	72.1	28.5	239.0	3	Ci.	S.-Cu.	10	------	------
11	E	E	SW	W	W	N	129.5	70.8	102.0	56.1	358.4	8	Ci.	S.-Cu. SE	10	------	------
12	E	NE	WSW	W	WSW	SE	48.6	73.2	104.3	80.8	306.9	1	Ci.	S.-Cu.	10	------	------
13	SE	SE	E	WSW	W	E	103.6	58.9	89.6	139.8	391.9	5	Ci.	Cu.	10	------	------
14	E	E	SW	W	W	Calm	117.8	71.9	70.6	10.0	270.3	9	Ci.	S.-Cu.	10	Ci.-S.	Fr.-N.
15	E	SE	SE	W	W	N	46.1	56	55.0	50.2	207.3	2	Ci.	Cu.	10	------	------
16	NNW	N	SW	W	E	SE	63.8	48.3	88.5	38.6	239.2	6	Ci.	Cu.	10	------	Fr.-N.
17	NE	SE	SW	W	Calm	E	23.6	32.7	92.5	43.5	192.3	8	A.-Cu. NE	S.-Cu.	10	A.-S.	Fr.-N.
18	E	W	WSW	W	W	W	60.4	69.7	98.4	38.8	267.3	10	Ci.-S.	S.-Cu.	10	------	N.
19	SE	E	WSW	W	W	S	50.7	61.2	79.9	36.5	228.3	10	Ci.-S.	Cu .	10	------	Fr.-N.
20	S	SE	SE	WSW	W	E	59.8	87.7	98.2	49.1	294.8	4	A.-Cu. SSE	S.-Cu.	10	------	Fr.-N.
21	ESE	ESE	SW	W	E	SE	107	41.8	62.2	81.1	292.1	5	Ci.	S.-Cu.	10	------	Fr.-N.
22	SE	E	E	WSW	SE	SE	76.4	57.6	80.8	75.6	290.4	2	Ci.	Cu.	10	------	Fr.-N.
23	Calm	Calm	WSW	WSW	Calm	E	42.3	45.4	70.0	81.3	239.0	8	Ci.	S.-Cu.	10	------	N.
24	E	SE	SE	W	E	ESE	50.2	73.7	74.6	141.0	339.5	5	Ci.-S.	S.-Cu.	10	------	Fr.-N,
25	E	E	E	SW	SE	E	186.6	196.6	63.8	108.6	555.6	2	Ci.-Cu.	Cu.	9	------	Cu.-N.
26	E	E	E	WSW	SE	E	121.8	104.9	57.3	48.9	332.9	0	Ci.-Cu.	Cu.	9	------	S.-Cu. ENE
27	SE	SE	ESE	WSW	Calm	ESE	78.3	64.7	80.2	121.0	344.2	0	Ci.	------	5	------	Cu. SSE
28	SE	E	E	WSW	W	E	160.1	103.8	103.6	71.3	438.8	0	------	------	9	------	S.-Cu. W
29	SE	SE	E	E	WSW	E	167.8	172.2	66.6	97.6	504.2	0	------	Cu.	6	Ci.	S.-cf.
30	ESE	E	E	WSW	Calm	E	146.7	65.7	76.2	50.9	339.5	0	Ci.	Cu.	10	------	S.-Cu.
31	S	SE	ESE	WSW	SW	E	64.4	111	95.8	65.7	336.9	2	Ci.	Cu.	8	------	Fr.-Cu. SSE
Mean	------	------	------	------	------	------	85.6	78.4	88.8	66.7	319.5	4.6	------	------	8.9	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,904.9	------	------	------	------	------	------

BAGUIO.

[ϕ=16° 25′ N ; λ=120° 36′ E ; barometer above sea, 1,512.5 meters ; gravity correction not applied, —1.65 mm.]

APRIL, 1910.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	36. 10	36. 39	37. 33	36. 54	36. 34	37. 40	15. 8	15. 9	21. 6	23. 9	18. 4	16. 2	26	14. 4	85	61	42	67	81	84	------
2	36. 78	37. 03	37. 79	36. 63	36. 38	37. 42	15	14. 9	22	21. 1	18. 3	17. 2	24	14. 5	89	88	56	81	87	90	------
3	36. 75	36. 90	37. 82	36. 70	36. 34	37. 40	16. 3	15. 5	20	20. 2	18. 4	17. 6	24. 5	15	92	98	85	89	94	90	------
4	36. 37	36. 35	37. 19	36. 05	35. 89	36. 68	16. 5	17. 4	24. 3	20. 9	17. 9	16. 9	25. 5	15. 9	90	77	44	83	97	85	------
5	35. 62	36. 36	37. 62	35. 97	36. 14	37. 41	16. 1	15. 9	21. 9	21. 9	19	17. 1	24. 6	15. 5	75	70	62	78	93	95	------
6	36. 70	36. 83	38	36. 35	36. 07	37. 38	16. 5	16. 4	21. 9	22. 4	19. 9	17	24. 4	15. 5	89	83	61	74	72	82	------
7	36. 59	36. 70	37. 95	36. 65	36. 29	37. 85	16	15. 7	22. 9	23. 6	18. 9	17. 7	25. 6	15	83	75	39	69	89	89	------
8	36. 88	37. 04	37. 68	36. 29	35. 89	37. 34	16. 6	15. 8	20. 4	21. 3	18. 9	17. 9	24. 4	15. 3	88	91	78	83	92	91	------
9	36. 18	36. 27	37. 31	36. 17	36. 02	36. 98	16. 5	15. 9	21	21	18. 5	16. 8	24. 1	15. 4	96	95	80	77	85	96	------
10	35. 99	36. 75	37. 59	36. 33	36. 15	37. 41	16	15. 2	19. 7	21. 5	19. 3	18. 3	25. 4	15. 2	94	99	78	78	82	71	------
11	36. 21	36. 51	37. 42	36. 53	36. 25	37. 23	17. 5	16. 3	21. 5	20. 4	18. 9	17. 6	25. 4	15. 8	77	85	74	86	90	90	------
12	36. 20	36. 27	37. 16	36	36. 13	36. 88	16. 5	15. 6	20. 9	21. 3	20	17. 7	25. 6	15. 2	88	89	69	78	82	87	------
13	35. 83	36. 43	37. 61	36. 84	36. 92	37. 97	16. 1	15. 9	19. 8	23. 2	18. 4	17	24. 8	15. 5	92	85	81	70	91	92	12.2
14	37. 03	36. 90	37. 93	37. 22	37. 48	38. 54	16. 6	16. 2	22. 5	18. 9	17. 9	17. 2	23. 3	15. 9	96	96	65	98	80	88	9.6
15	37. 80	37. 76	39. 18	37. 99	38. 18	38. 38	16. 2	16	19. 4	20. 7	17. 9	17. 6	23. 1	16	97	97	83	89	97	91	5.3
16	36. 89	37. 18	38. 33	37. 07	36. 83	37. 70	17. 3	17. 6	19. 5	19. 9	18. 3	17. 7	23. 8	16. 9	89	77	89	95	93	94	.3
17	36. 68	36. 76	37. 52	35. 99	35. 78	37. 08	17. 5	16. 8	20. 6	23. 3	19. 7	17. 9	24. 7	15. 8	95	96	85	74	93	93	------
18	35. 79	35. 69	36. 07	34. 87	34. 69	36. 03	17. 4	16. 6	21. 7	23. 4	20. 3	18. 9	25. 2	16. 3	95	100	78	76	87	90	------
19	35. 12	35. 25	35. 99	34. 84	34. 78	36. 07	17. 9	17. 2	21. 1	22	19. 8	18	24. 9	16. 5	96	94	84	79	82	88	------
20	35. 31	35. 75	36. 44	35. 06	34. 79	36. 21	17	16. 8	21. 6	24. 1	18. 9	16. 4	26. 2	16. 3	93	88	72	70	92	85	2
21	35. 23	35. 14	36. 19	34. 64	34. 93	35. 88	16. 2	16. 6	21. 4	21. 6	18. 7	17. 6	24. 9	16	88	87	74	75	92	88	------
22	34. 63	35. 03	35. 90	34. 71	34. 81	35. 58	16. 3	16. 3	20. 4	18. 9	15. 9	15. 6	23. 2	15. 6	93	91	81	95	98	93	29.2
23	34. 86	35. 23	36. 19	34. 88	34. 86	36. 06	16. 2	16. 1	20. 4	20. 7	17. 8	16. 9	22. 7	15. 4	73	72	64	89	95	96	21.8
24	35. 24	35. 13	35. 74	35. 19	35. 01	36	16. 6	16. 9	19. 2	19. 1	16. 5	15. 7	21. 8	15. 7	91	88	73	79	94	95	6.6
25	35. 46	35. 18	35. 88	35. 20	35. 25	36. 72	16. 1	15. 7	15. 9	16. 4	15. 4	15. 7	17. 8	15	94	97	98	99	95	96	27.4
26	35. 68	36. 44	37. 72	36. 90	36. 99	37. 82	15. 6	15. 9	20	21. 5	18. 6	17. 4	23	15	98	94	72	72	98	98	------
27	36. 91	37. 10	38. 27	36. 90	37. 08	37. 97	17. 1	17. 4	22. 9	18	16. 5	16. 9	23. 3	16. 4	92	82	70	90	92	89	27
28	37. 06	37. 29	37. 97	37. 14	37. 46	38. 26	17. 1	17. 2	21. 9	20. 5	17. 6	17. 3	24. 5	16. 2	88	88	62	91	93	96	29.7
29	37. 50	37. 45	38. 52	37. 52	37. 38	38. 30	16. 9	16. 4	20. 8	20. 6	18. 6	17. 2	22. 9	16. 3	97	95	79	90	81	89	1.5
30	37. 28	37. 40	38. 04	37. 42	37. 19	37. 88	16. 3	16. 4	22. 2	22. 9	18. 7	17. 1	24	15. 6	84	80	54	74	98	98	1
Mean	36. 22	36. 42	37. 34	36. 22	36. 14	37. 19	16. 5	16. 3	21	21. 2	18. 4	17. 2	24. 1	15. 6	89. 9	87. 3	71. 1	81. 6	89. 8	90. 3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	173.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	ESE	E	W	W	W	80	123. 4	118. 8	51. 3	373. 5	0	Ci.	Cu.	6	------------	Cu.
2	NE	N	ESE	W	W	SE	33	60	107. 6	65. 2	265. 8	1	Ci.	Cu.	10	------------	S.-cf. WSW
3	E	NE	WSW	WSW	W	ESE	84. 3	74	96. 6	84. 3	339. 2	1	Ci.	Cu.	10	------------	Fr.-Cu.
4	SE	E	E	WSW	W	E	114. 3	104. 4	96	85. 8	400. 5	2	Ci.	Cu.	9	Ci.	S.-Cu.
5	E	E	WSW	W	W	WNW	96. 9	62. 2	104. 6	45. 1	308. 8	1	Ci.	------------	10	------------	------------
6	E	E	E	SW	SSE	E	91. 1	51. 2	81. 9	118. 8	343	3	Ci.	S.-Cu.	9	Ci.-Cu.	s.-cf. variable
7	SE	E	E	W	Calm	SE	126. 3	110	119. 6	30. 4	386. 3	1	Ci.	Cu.	7	------------	Fr.-Cu. SW
8	SE	N	W	W	W	SE	37. 5	75. 6	93. 3	45. 7	252. 1	0	------------	Cu.	10	------------	Fr.-N.
9	SE	NE	WSW	W	S	E	75. 6	67. 8	101. 4	69. 2	314	1	------------	Cu.	10	------------	Fr.-N.
10	ESE	E	WSW	W	W	SE	62. 5	67. 1	120. 7	26. 8	277. 1	1	------------	Cu.	9	------------	Fr.-N. N
11	SE	SE	WSW	WNW	W	SE	25. 4	65. 5	123. 6	54. 5	269	1	------------	Cu.	10	------------	Fr.-N. W
12	W	Calm	WSW	W	NE	SE	16. 4	82. 4	111. 3	51. 7	261. 8	2	Ci.	Cu.	10	------------	S.-cf. W
13	E	E	WSW	WSW	NE	E	73. 5	46. 4	98. 4	67. 8	286. 1	8	------------	S.-cf. ESE	10	------------	Cu.-N.
14	E	E	SE	WSW	NE	E	83. 4	57. 6	101. 7	76. 7	319. 4	1	A.-Cu.	S.-Cu.	10	------------	N.
15	E	NE	WSW	WSW	NE	E	76. 1	71. 1	108. 1	79. 9	335. 2	1	Ci.	Cu.	10	------------	------------
16	E	E	WSW	W	NE	E	52. 6	68. 2	97. 7	25. 7	244. 2	3	Ci.	Cu.	10	------------	------------
17	NE	NE	SW	WNW	W	NW	31. 1	60. 6	107. 6	35. 4	234. 7	2	Ci.	Cu.	10	------------	Cu.
18	NW	E	W	W	Calm	E	41. 8	72. 2	111. 3	22. 7	248	10	------------	------------	6	------------	Cu.
19	Calm	Calm	WSW	WSW	E	SE	21. 4	76. 2	103. 8	57. 7	259. 1	3	Ci.	------------	9	------------	Cu.
20	SE	Calm	W	W	W	W	40	58. 7	136. 6	85. 8	321. 1	6	Ci.	S.-Cu.	9	------------	Cu.
21	W	NW	W	W	W	SE	33. 8	80. 5	122. 1	28. 4	264. 8	9	------------	S.-Cu. S	10	Ci.	S.-Cu. W
22	E	E	WSW	W	E	E	50. 7	66. 8	82. 6	132. 3	332. 4	4	Ci.	Cu.	10	------------	N.
23	E	E	E	WSW	SW	SE	124. 9	61. 8	64. 1	65. 5	316. 3	9	Ci.-S.	S.-Cu.	10	------------	Fr.-N.
24	SE	E	E	ESE	E	E	63. 8	215. 8	159	216. 9	655. 5	9	Ci.	N.	10	A.-S.	Fr.-N.
25	E	E	E	SE	SE	SSE	133. 3	144. 3	143. 5	150	571. 1	10	------------	N.	10	------------	N.
26	SE	ESE	SSE	W	E	SE	146. 4	105. 4	62. 8	107. 5	422. 1	8	A.-Cu. S	Fr.-Cu. ESE	10	Ci.-S.	Cu.-N. SbyE
27	E	ESE	E	SW	E	E	108. 8	83. 7	79. 5	97. 9	369. 9	4	Ci.	Cu.	10	------------	N.
28	E	SE	ESE	W	NE	E	70. 3	86. 9	83. 5	38. 9	279. 6	4	Ci.-Cu.	Cu.	10	------------	N.
29	E	SE	WSW	W	Calm	E	57. 9	69. 8	84. 2	53. 9	265. 8	1	Ci.	Cu.	10	------------	Fr.-N.
30	E	E	E	WSW	Calm	SE	93	98. 8	113	63. 1	367. 9	0	------------	Cu.	8	------------	S.-cf. E
Mean	------	------	------	------	------	------	71. 5	82. 3	104. 5	71. 2	329. 5	3. 5	------------	------------	9. 4	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	9, 884. 3	----	------------	------------	----	------------	------------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, −1.65 mm.]

MAY, 1910.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	36.78	37.18	37.99	36.90	36.54	37.38	16.5	16.3	21.5	23.2	18.8	17.6	23.8	15.6	92	83	81	76	96	97	2.8
2	36.41	36.65	37.14	35.84	35.53	36.45	16.6	16.5	18.9	19.8	18.1	17.5	23.2	15.6	96	96	92	96	96	92	1.6
3	35.53	36.20	36.99	35.62	35.63	36.96	16.7	17	19.6	22.6	18.4	18.2	24	16	94	90	91	83	96	87	21.3
4	36.42	36.54	36.94	35.80	36.05	37.51	16.8	16.7	20.7	22.2	18.3	18.2	23.5	16	94	97	84	88	93	87	------
5	36.33	36.41	37.05	35.83	35.62	36.22	17	16.9	20.8	20.4	19.5	18.2	23.9	16.1	91	90	89	94	91	91	------
6	35.23	35.08	35.48	33.86	33.93	34.44	16.5	16.4	20.6	20.6	17.4	17.4	24.1	16	100	95	85	88	99	96	1.8
7	33.03	32.80	33.43	32.22	32.35	33.20	16.9	16.2	17.6	18.1	16.5	16.5	20.8	15.9	98	97	95	93	100	99	9.7
8	32.45	32.96	33.91	33.71	33.72	34.97	16.3	16.3	16.9	18	16.6	16.1	19.3	15.4	99	99	98	97	97	85	12.2
9	34.17	34.47	35.21	34.15	34.09	35.35	16.1	16	21.3	20.5	17.9	17.2	23.2	15.5	82	83	78	91	96	94	------
10	34.72	34.84	35.85	34.80	34.55	35.65	17	16.5	20.5	22.3	18.7	17.8	24.2	16	94	95	76	75	93	91	3
11	35.40	35.80	37	35.72	35.20	36	17	16.9	16.8	19.6	19	18.1	21.8	16.3	96	95	92	92	97	91	4.8
12	35.20	35.80	36.67	35.78	35.41	36.72	17.7	17.4	20.6	21.3	18	17.4	23.2	16.1	89	85	89	90	99	98	10.4
13	36.02	36.13	36.33	35.29	35.03	36.04	16.9	16.9	20	20.3	19.4	18.9	23.2	16.5	100	98	90	93	91	92	12.2
14	35.55	35.63	36.53	35.48	35.18	35.95	17.9	17.2	19.6	21.4	18.9	18.2	23.1	17	94	96	94	87	90	90	------
15	35.27	36.10	36.83	35.98	35.46	36.34	17.7	17.4	20.1	23.1	18.9	18.2	24.4	16.6	90	89	89	80	95	94	------
16	35.87	36.09	36.83	35.79	35.64	36.20	17.5	16.9	20.5	21.9	18.8	17.9	24	16.4	96	95	85	80	63	72	------
17	35.66	36.01	36.59	35.59	35.68	36.35	16.1	16.3	20.8	23.4	18.3	17.7	24.2	15.3	76	50	54	63	86	67	------
18	36.07	36.19	36.71	36.18	36.26	37.21	16.8	17.1	22.1	23.2	18.1	16.6	24.7	15.3	68	63	58	68	94	88	------
19	36.35	36.25	37.09	36.19	36.08	37.70	15.9	16.9	22.4	24.4	17	17	25.4	15.7	84	75	62	73	96	93	89.1
20	36.92	37.29	37.93	36.53	36.77	38.13	17	16.8	21	20.5	19	16.2	22.7	15.7	94	96	82	90	92	98	12.7
21	37.10	37.30	37.87	36.55	36.63	38.06	16.6	17.4	21.7	18.5	17	16.9	23.1	15.9	91	84	71	98	91	95	12.2
22	37.04	37.13	37.34	36.15	35.76	36.62	16.8	16.6	21.8	19	17	16.8	23.3	16	96	98	71	90	99	100	25.2
23	35.68	35.24	36	34.89	34.91	35.78	16.3	16 2	18.3	19	17	16.8	22.3	15.8	100	98	89	97	100	94	19.8
24	34.80	34.44	34.80	34.23	33.72	34.35	16.2	16.3	16.5	17.2	16.4	16.7	17.5	16	100	97	96	91	97	95	97.3
25	33.18	32.87	33.47	32.15	32.05	33.91	16.9	17.2	16.5	17.5	18.5	18.2	18.8	15.7	95	92	98	95	88	90	110.2
26	33.47	33.69	34.68	34.24	34.06	35.10	17.9	17	18	17.6	17.2	16.6	18.8	15.4	89	93	100	100	100	100	57.2
27	33.82	33.84	35.15	33.98	33.98	35.04	16.2	16.3	19.2	20	17.4	16.8	23.8	15.9	100	100	91	94	100	99	24.9
28	34.24	33.84	34.59	34.09	34.54	35.79	16.6	16.7	19.5	17.3	16.4	16.2	20.3	15.8	100	97	93	100	100	97	25.7
29	34.44	35.02	36.11	35.63	36.13	37.12	15.9	16	16.7	16.8	16.6	15.9	18.1	15	97	95	98	100	96	97	31.8
30	36.25	35.98	36.97	36.37	36.70	36.76	15.9	17.5	18.8	20	16.4	16.4	21.7	15.1	90	73	85	77	100	97	6.1
31	36.32	36.43	37.16	35.88	36.16	37	16.9	16.8	22	22.4	17.7	17.3	24.8	15.9	91	92	72	67	95	94	.8
Mean	35.35	35.49	36.21	35.21	35.14	36.14	16.7	16.7	19.7	20.4	17.8	17.3	22.6	15.9	92.8	89.9	84.8	87.3	94.4	92.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	542.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	E	WSW	WSW	Calm	SE	108.6	78.7	95.6	29.6	312.5	1	Ci.	Cu.	9	------	S. W
2	E	N	WSW	W	N	N	46.9	70.5	105.9	33.5	256.8	1	Ci.	Cu.	10	------	Fr.-N.
3	N	SE	W	WNW	ENE	SW	34.6	48.9	94.8	30.8	209.1	1	A.-Cu.	Cu.	9	------	Fr.-N.
4	SW	Calm	WSW	W	W	SE	28.2	61.2	96.1	55.7	241.2	4	Ci.	Cu.	9	------	Fr.-N. ENE
5	E	E	WSW	WNW	N	E	69.8	76.9	96	23.5	266.2	7	Ci.	S.-Cu. N	10	------	------
6	W	N	WSW	W	NW	NW	27.7	78.3	114.3	80	300.3	9	Ci.-S.	Cu.	10	------	S.-Cu.
7	W	W	NW	WNW	NW	NW	88.5	132.2	184.8	177.3	582.8	10	------	Fr.-N. NWbyW	10	------	Fr.-N. NW
8	NW	NW	WNW	WNW	NW	NW	169.5	204.4	154.8	93.3	622	10	------	N.	10	------	Cu.-N.
9	N	NNW	W	W	NW	S	96	78.1	110.5	37	321.6	9	Ci.-S.	Cu.	10	------	S.-Cu.
10	SE	E	WSW	W	Calm	SE	26.4	70.2	109.1	52.1	257.8	2	Ci.	Cu.	9	A.-Cu.	S.-Cu. W, WNW
11	E	Calm	NE	Calm	Calm	SE	47.2	55.5	44.3	76.7	223.7	10	------	S.-Cu.	10	------	Cu.-N.
12	E	E	WSW	W	W	N	80.7	------	------	48.8	------	7	A.-Cu. ENE	S.-Cu.	10	------	S.-Cu.
13	E	E	W	W	NE	SE	52.8	40.5	72.9	42.6	208.8	10	------	N.	10	------	S.-Cu.
14	N	E	W	W	N	E	31.2	53.6	87.4	42	214.2	10	Ci.-S.	S.-Cu.	10	------	Fr.-N.
15	SE	Calm	W	W	NW	E	49.3	65	117.7	50.2	282.2	9	------	S.-Cu. NNW	9	------	Fr.-N.
16	W	NNW	W	NW	NW	N	51.8	98.2	127.9	78.3	356.2	10	Ci.	S. N	9	Ci.	Cu.-N.
17	W	NW	W	W	W	N	73.7	104	119.1	20.9	317.7	9	Ci.-S.	Cu.	8	Ci.	S.-Cu. NW
18	NW	Calm	W	W	W	E	19.3	62.8	147.6	44.3	274	2	Ci.	Cu.	6	Ci.	Cu. WNW
19	Calm	Calm	SW	W	N	Calm	16.4	65.7	91.4	25.4	198.9	2	Ci.	Cu.	9	Ci.	Cu.-N.
20	SE	N	E	W	W	W	22.3	54.4	52.1	57.1	185.9	10	------	Cu.-N.	9	------	Cu.-N.
21	E	Calm	SE	W	SE	S	79.1	54.5	68.6	31.4	233.6	7	A.-Cu.	S.-Cu.	10	------	------
22	Calm	E	E	SW	W	SE	30.4	57.3	74.6	39.6	201.9	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
23	E	E	E	SW	W	SSE	46.4	57.1	93.6	73.8	270.9	7	Ci.	S.-Cu.	10	Ci.-S.	N.
24	S	SE	SE	SE	S	S	85.5	130.4	111.8	117.5	445.2	10	------	N.	10	------	N.
25	SW	SW	SSW	SSW	SW	SE	148.1	201.2	232.8	97.2	679.3	10	------	N.	10	------	N.
26	SW	SW	W	W	W	W	189.9	164.2	183.5	158.4	696	10	------	N. SW	10	------	------
27	NW	Calm	W	W	W	NE	42.8	46.2	75.9	23.8	188.7	9	A.-Cu.	S.-Cu.	10	------	N.-cf.
28	Calm	S	W	WSW	W	S	33.2	91.5	229.7	67.3	421.7	8	A.-Cu.	S.-Cu.	10	------	------
29	E	SSE	S	SW	SW	SE	64.2	48.9	49.6	70.8	233.5	8	A.-Cu. SSW	S.-Cu. SSW	10	------	N.
30	SE	S	S	S	E	E	77.5	70.8	68.9	115.3	332.5	9	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
31	SE	E	SSE	WSW	W	E	88.5	63.1	68.4	40	260	6	Ci.-S. W	S.-Cu.	7	Ci.	Cu. SE
Mean	------	------	------	------	------	------	65.4	82.8	109.3	62.4	319.8	7.3	------	------	9.4	------	------

BAGUIO.

[ϕ=16° 25′ N ; λ=120° 36′ E ; barometer above sea, 1,512.5 meters ; gravity correction not applied, —1.65 mm.]

JUNE, 1910.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	35.79	35.92	36.79	35.54	35.50	36.97	17.3	17.8	21.7	23	18.2	17.5	24.3	16.8	95	87	74	66	86	92	11.4
2	35.95	35.98	36.74	35.80	35.59	36.90	17.5	17.5	22.1	23	18.8	17.5	24.3	17.1	92	90	70	59	97	97	------
3	35.66	35.88	36.52	35.30	35.36	36.41	17.5	17.8	22.3	23.7	17.6	18.3	24.5	16.8	93	85	69	73	94	87	34.5
4	35.26	35.32	35.80	35.06	35.05	36.36	18.4	17.7	22.6	22.8	19.4	17.8	25.2	16.2	83	88	64	83	96	97	------
5	35.46	35.54	36.59	36.39	36.68	37.56	17.4	17.3	22.4	21.3	18.7	18.4	25.1	16.9	92	83	64	90	88	90	------
6	36.94	37.26	37.87	37.04	36.94	37.88	17.6	18.1	23	23	20	18.7	24.6	17	95	88	56	83	93	95	2.5
7	37.33	37.21	37.69	36.99	36.81	37.85	17.9	17.5	21.9	22.9	19.1	18.4	24.3	16.6	94	94	83	83	98	95	------
8	37.44	37.03	37.56	36.82	37.05	37.54	17.7	17.5	21.4	21.8	17.4	18	25.5	16.7	97	95	87	84	86	86	23.6
9	36.94	36.73	37.34	36.39	36.24	37.60	17.7	17.9	22.7	22.9	19.5	18.4	24.4	17.2	91	86	60	87	94	92	1.8
10	37.17	36.94	37.89	37.44	37.40	38.17	17.9	17.4	23.4	23.4	19.4	18.7	25.2	16.9	93	85	56	82	93	88	------
11	37.55	37.83	38.30	38.01	37.89	38.68	18.1	17	22.5	22	19.1	18	25.7	16.5	85	84	54	87	96	92	------
12	37.77	37.86	38.14	37.92	37.79	38.44	17.4	17.7	21.3	22.1	19.9	17.7	24.8	17	86	77	64	56	81	87	------
13	37.47	37.10	37.41	36.82	36.67	37.49	17.2	17.6	22.6	24.4	18.9	18.3	26.1	16.6	82	70	57	71	100	98	------
14	37.12	37	37.50	36.75	36.54	37.28	17.7	17.6	22.9	24.2	18.8	17.7	25.8	17	94	94	62	76	96	95	1.5
15	36.66	37.14	37.71	36.77	36.42	37.23	17.5	17.4	21.6	22.5	18.9	18.8	25	16.5	97	95	87	82	96	92	17.8
16	36.44	36.66	37.53	36.78	36.70	37.70	17.7	17.5	21.7	20.8	18.9	18.1	24	17	94	90	80	92	96	94	5.8
17	36.87	36.69	37.17	36.19	36.39	37.07	17.4	17.8	21.6	18.8	17.3	17.3	23.6	16.6	95	83	85	96	90	84	2.8
18	36.14	36	36.89	36.11	36.33	37.38	16.8	17.6	22	22.3	18.8	18.1	25.3	15.6	86	73	64	83	86	88	------
19	36.48	36.38	36.81	36.25	36.14	37.12	17.3	16.9	23	23.6	19.1	17.8	25.9	16.5	86	80	58	77	93	88	------
20	36.60	36.13	36.65	35.64	35.56	36.41	17.1	17.3	23	22	18.9	17.8	25.6	16.1	89	82	59	87	90	90	------
21	35.56	35.72	36.23	35.80	35.80	36.79	17.2	17.3	21.9	19.3	18.3	17.5	22.5	16.5	86	81	66	87	82	83	4.8
22	36.37	36.55	37.25	36.18	36.19	37.04	17.5	16.9	21.7	22.6	18.7	18	25.4	16.1	82	85	63	86	95	94	------
23	36.20	35.76	36.68	35.64	35.20	35.84	17.5	17.9	21.6	19.6	17.3	18	23.8	16.2	92	84	85	99	98	91	------
24	35.28	35.17	35.82	34.92	35.18	35.73	17.7	18	23.9	23.1	18	17.5	24.7	15.4	94	89	62	83	90	89	66
25	34.88	34.99	35.62	34.75	35.26	36.20	17.9	17.9	21.5	17.8	16.6	16.6	23.4	15.9	84	82	85	97	97	92	18.1
26	35.69	34.97	35.13	34.28	34.59	35.56	16.8	17.3	20.5	19.5	15.7	15.9	23.1	15.5	91	86	86	96	98	96	23.1
27	34.57	34.29	35.19	34.48	34.01	34.86	16.2	16.8	18.3	19.4	17.4	16.5	20	15.9	95	91	89	85	89	96	------
28	33.91	34.36	35.04	34.42	34.41	35.01	16.5	16.1	17.5	19.2	16.9	16.4	20.7	15.9	95	94	91	85	96	99	.8
29	34.41	34.67	34.79	34.66	34.43	35.52	15.9	16	20.3	20.4	18	16.7	23.2	15.9	100	100	70	76	96	99	15
30	35.06	34.61	35.13	34.77	35	35.23	16.2	16.2	19.9	21.4	17.5	16.4	22	16	98	93	73	72	91	96	.8
Mean	36.17	36.12	36.73	36	35.97	36.86	17.4	17.4	21.8	21.8	18.4	17.7	24.3	16.4	91.2	86.5	70.8	82.1	92.7	92.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	230.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	E	SE	SSE	SE	S	89.8	64.2	74.2	62.3	290.5	7	A.-Cu. W	Cu. SE	6	A.-Cu.	Cu. SE
2	SE	SE	SE	S	W	NE	137.6	58.2	80.3	63.6	339.7	8	A.-Cu. W	S.-Cu.	6	------	Cu. SSE
3	SE	SE	SE	WSW	NE	SE	101.4	101.2	105.2	93.1	400.9	3	ci.-cu. NW	Cu.	8	Ci.	Cu.
4	SE	SE	E	WSW	Calm	E	64.1	92.8	80.8	45.3	283	2	ci.-cu. NW	Cu.	8	Ci.	S.-Cu. ENE
5	E	ESE	E	W	NE	E	140.6	204.4	70.3	53.9	469.2	1	Ci.	Cu.	9	------	S.-Cu. E
6	E	E	SE	W	WNW	E	72.4	66.3	92.8	27.2	258.7	1	Ci.	Cu.	9	------	S.-Cu. SSE
7	SE	E	W	W	NW	S	53.1	62.3	109.9	20.3	245.6	1	Ci.	Cu.	10	------	------
8	S	E	WSW	W	E	SE	54.7	73	96.6	31.2	255.5	6	Ci.-S.	Cu.	10	------	S.-Cu. ESE
9	NE	SE	E	W	Calm	SE	60.9	81.5	95	42.1	279.5	1	Ci.	Cu.	10	------	S.-Cu.
10	SE	E	E	W	Calm	SE	104.3	98.5	97.1	40.7	340.6	5	Ci.Cu.	Cu.	9	------	Fr.-N. W
11	E	E	E	WSW	SW	E	127.3	124.9	61.7	73	386.9	0	A.-Cu.	Cu.	7	------	Cu.
12	E	E	E	ESE	SE	E	158.2	197.4	93	89.9	538.5	6	A.-Cu. E	S.-Cu.	9	A.-Cu. ESE	Cu.
13	SE	E	E	WSW	WSW	SE	127.9	159.5	70.3	21.7	379.4	0	Ci.	Cu.	7	Ci.	Cu.
14	Calm	SE	SE	W	N	E	59.7	81.1	96.9	41.5	279.2	1	Ci.	Cu.	9	Ci.	S.-Cu.
15	E	NE	WSW	WSW	NE	SE	53.1	54.7	98.7	71.9	278.4	1	Ci.	Cu.	10	------	S.-Cu.
16	E	SE	W	W	Calm	W	93.6	84.2	60.2	23	261	1	Ci.	Cu.	9	Ci.	Fr.-N.
17	SE	SE	WSW	WSW	W	SE	47.2	72.1	98.7	80.2	298.2	2	Ci.-S.	Cu.	10	------	------
18	SE	SE	E	WSW	Calm	E	98.5	90.4	69.7	64.7	323.3	5	ci.-s. WSW	Cu.	10	------	------
19	SE	SE	E	SW	NE	NE	89.3	103.6	85.8	34.4	313.1	3	Ci.	Cu.	9	Ci.	S.-Cu.
20	E	E	E	W	Calm	E	64.6	86.1	62.6	77.5	290.8	2	Ci.-S.	Cu.	10	------	Fr.-N.
21	E	ESE	E	E	SE	E	117.7	136.6	86.9	120.9	462.1	10	Ci.-S.	S.-Cu.	10	A.-Cu.	N.
22	SE	E	E	WSW	W	SW	150.8	69.4	62.8	17.9	300.9	2	A.-Cu.	Cu.	10	------	Fr.-N.
23	NNW	W	E	WSW	NE	ESE	47.8	49.4	76.2	98.5	271.9	8	Ci.-S.	Cu.	10	------	------
24	E	E	SE	W	W	S	101.1	64.7	105.2	66.5	337.5	6	Ci.	Cu.	10	------	N.
25	SE	E	W	W	NE	NE	102.8	78.9	87.2	59.8	328.7	3	Ci.	Cu.	10	------	N.
26	Calm	Calm	W	W	NNE	NE	25.5	62	90.4	67	244.9	3	Ci.	Cu.	10	------	N.
27	N	NW	E	SE	NE	ESE	68.4	35.7	73	182	359.1	10	------	N.	10	A.-S.	S.-Cu.
28	ESE	ESE	SE	SE	ESE	SE	204	162.8	115.7	178.8	661.3	10	A.-S.	N. SE	10	Ci.-S.	Fr.-N. SE
29	ESE	SE	ESE	ESE	SE	ESE	153.7	218	104.9	132.8	609.4	10	------	N. SE	10	Ci.-S.	S.-Cu. SE
30	ESE	ESE	SE	SSE	SW	SE	210.2	160.4	80	108	558.6	10	Ci.-S.	Fr.-N.	9	A.-Cu.	Cu. SSE
Mean	------	------	------	------	------	------	99.3	99.8	86.1	69.7	354.9	4.3	------	------	9.1	------	------
Total	------	------	------	------	------	------	------	------	------	------	10,646.4	------	------	------	------	------	------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

JULY, 1910.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	34.56	34.64	34.90	34.51	34.78	35.39	16.2	16	17.9	19.5	17	16.2	20.5	15.7	98	99	90	80	95	98	4.3
2	34.60	34.35	34.98	34.41	34.58	35.41	15.6	16.6	20.6	21.9	16.6	16.2	23	15.4	99	83	73	66	99	99	8.9
3	34.64	34.92	35.24	34.96	34.81	35.82	15.9	16	19.1	22.2	17.2	16.6	23.6	15.6	98	94	83	69	99	98	7.6
4	35.53	34.43	35.56	35.16	35	36.90	16.7	17.5	19.4	21.9	19.2	16.2	22.8	16.2	95	84	81	66	87	100	29.2
5	36.58	36.25	37.34	36.95	37.10	38.65	16.2	16.1	22	18	17.5	17.1	23.4	15.9	100	99	77	95	94	92	6.4
6	37.94	38.04	39.04	37.96	37.78	38.98	16.7	17.2	21.1	21.5	18.7	17.9	23.8	15.9	93	87	80	87	98	98	.3
7	38.09	37.89	38.49	37.55	37.73	38.90	17.4	17.5	21.2	18.2	17	16.2	23.6	15.9	100	97	85	93	97	98	11.4
8	37.76	36.93	37.44	37.15	36.66	37.47	16	17.1	20.6	20.7	18.1	16.6	23.4	15.7	90	84	84	88	95	97	.3
9	36.53	36.19	36.72	36.38	36.03	36.92	16.8	17.8	21.4	17.1	17.8	16.7	23.6	16.2	90	77	75	95	96	94	1.1
10	36.50	36.08	36.57	36.14	35.87	36.86	16.6	16.5	20.2	19.4	17.4	16.3	23	15.2	91	93	80	91	95	100	2.3
11	36.30	36	36.22	35.59	35.61	36.91	16.4	16.5	20.2	20	17	16.5	22.1	15.9	100	99	89	81	100	97	14.2
12	35.80	35.90	36.29	35.49	35.30	36.08	16.5	16.4	18	19	16.1	16.2	21.4	15.4	99	100	99	99	100	97	24.9
13	34.96	34.90	35.08	34.56	34.17	34.55	16	15.9	18.1	20	16.8	16.4	21.1	15.2	100	98	95	91	91	92	16.5
14	33.82	33.44	33.51	33.15	33.39	34.21	16.4	16.4	17.1	17.1	16	16.3	19.1	15.4	96	100	100	100	100	97	28.4
15	33.40	33.40	34.36	32.98	33.39	34.77	16.1	16	17.5	16.9	16.1	14.6	18.8	14.1	100	100	99	100	100	100	60.2
16	33.90	33.73	34.27	33.59	33.04	34.11	14.7	15.6	17.7	16.1	15.7	15.6	19	14	100	100	99	100	100	98	72.4
17	33.23	33.63	35.08	34.65	34.74	35.78	15.2	15.3	15.8	16.7	15.3	15.6	18.4	14.3	100	100	99	89	91	98	23.1
18	35.16	35.75	36.76	36.09	35.81	36.50	16	15.6	20	21.6	18.9	17.1	22.9	15.3	96	99	85	82	96	100	-----
19	35.54	35.63	36.12	35.49	35.83	36.28	17.2	17	23	22	17.3	17.4	24.5	16.1	95	91	63	90	93	84	15.7
20	35.44	35.39	36	35.79	35.52	36.43	17.7	16.9	21	18.3	16.2	17.2	22.9	15.4	82	87	74	89	79	75	8.3
21	36.69	36.85	38.25	37.69	37.63	38.73	17.2	17.3	22	22.4	18.8	18.4	24.5	16.6	81	82	71	88	90	90	14.5
22	37.82	37.52	37.89	37.14	37.09	37.69	17.6	17.4	22.9	21.4	18.6	18.5	24	16.7	91	88	60	93	89	89	17.8
23	36.59	35.78	36.45	35.70	35.20	35.77	17.8	18.1	21.5	20.5	18.2	18	23.9	16.4	92	85	78	91	96	93	6.4
24	34.78	34.28	35.44	34.95	34.70	35.50	17.5	17	22	19.9	18.6	16.9	24.3	16.3	92	90	86	95	94	92	1.5
25	34.40	34.40	35.40	34.99	34.83	35.85	17.7	17	20.5	19.5	18.2	18.2	24.4	16.2	88	92	87	91	96	86	4.6
26	34.78	35.30	36.16	35.39	35.25	36	17.4	17.2	21.2	21.9	17.9	17.3	23.3	16	96	95	84	83	95	89	-----
27	35.57	35.78	36.49	35.89	35.25	35.70	17.2	17.2	21.2	18.5	18	17.1	23.8	16.5	85	83	76	94	92	89	5.8
28	35.30	35.30	35.65	35.16	34.80	35.45	16.8	16.2	19.8	19.5	17.5	16.1	22.8	15.5	82	88	83	93	92	97	.3
29	34.59	34.32	35.10	34.67	34.14	35.10	15.7	16.1	19.6	20	17.4	16.2	21.8	15.2	95	88	85	82	86	77	-----
30	34.26	34.41	35.42	34.82	34.83	35.90	15.7	16	21.4	20.6	17.7	16.6	23.4	15.4	79	75	74	89	99	100	13.5
31	35.33	35.85	36.71	35.42	35.74	36.59	16.7	16.7	19.2	21.2	17.3	16.2	21.4	16	99	96	85	76	93	99	5.3
Mean	35.50	35.40	36.09	35.50	35.37	36.30	16.6	16.6	20.1	19.8	17.4	16.7	22.5	15.7	93.6	91.4	83.2	87.9	94.4	94	-----
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	405.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	Km.	Km.	Km.	Km.	0–10			0–10		
1	SE	ESE	E	ESE	SE	E	112.3	145.9	92.3	109.9	460.4	10	A.-S.	Fr.-N. SEbyS	10	A.-S.	Fr.-N. SEbyS
2	E	ESE	ESE	SE	ESE	SE	103.3	155.8	116.2	197.6	572.9	8	Ci-S. NEbyE	Cu.	9	A.-Cu.	Cu. SE
3	ESE	SE	ESE	SE	ESE	SE	178.6	143.5	86.6	207.9	616.6	10	Ci.	Fr.-N. SE	9	A.-Cu.	Fr.-N. SE
4	E	SE	SSE	SSE	S	E	195.5	97.1	60.2	32.8	385.6	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
5	SE	E	SSE	W	SE	SE	69.4	80	62.6	57.4	269.4	10	Ci.-S.	Cu.	10	Ci.-S.	N.
6	E	Calm	W	W	N	NE	47.3	75.8	78.3	43.1	244.5	10	A.-Cu.	Cu.	10	Ci.-S.	Cu.-N.
7	SE	Calm	W	WSW	N	NE	47.7	54.4	101.7	73.2	277	3	Ci.	Cu.	9	Ci.	N.
8	NE	Calm	WSW	W	NW	NW	40.7	69.2	124.4	62.3	296.6	9	Ci.-S. E	Cu.	10	------	S.-Cu.
9	NW	NW	WNW	WNW	W	N	40.7	100.1	117.7	67.6	326.1	2	Ci.	Cu.	10	------	N.
10	W	W	W	W	NW	W	39.9	87.4	130	71.3	328.6	8	Ci.	Cu.	9	A.-Cu.	S.-Cu. W
11	NW	NNW	W	W	W	N	66.3	66.8	112.3	81.6	327	10	------	------	10	------	Fr.-N.
12	NW	W	WNW	W	NNW	N	54.7	99.8	129.5	97.9	381.9	10	------	------	10	------	------
13	NW	NW	W	W	NW	NW	104	114.1	122.9	78.4	419.4	10	------	N.	9	Ci.	Fr.-N. WNW
14	N	W	WSW	W	W	NW	72.1	142.1	125	77.5	426.7	10	------	N.	10	------	N.
15	NW	W	W	WSW	W	WSW	76.6	123.6	141.6	191	532.8	10	------	------	10	------	------
16	NW	W	W	W	WSW	W	144	96	219.9	248.6	708.5	10	------	------	10	------	N.
17	WSW	WSW	WSW	WSW	W	W	231.7	167.9	159.9	174.1	733.6	10	------	N.	10	A.-S.	Fr.-N. SW
18	WSW	WSW	W	W	W	E	133.6	83.7?	82.6	37	336.9?	10	A.-Cu.	Fr.-N. SW	10	Ci.-S.	Cu.-N.
19	E	E	E	WSW	NE	E	90.1	71.6	102.4	67.6	331.7	2	Ci.	Cu.	10	------	N.
20	SE	SE	ESE	ESE	E	E	30.1	56.5	132.2	190.2	409	3	Ci.	Cu.	10	------	N.
21	E	E	E	W	Calm	SE	121.5	104.6	71.3	28.7	326.1	4	Ci. NE	Cu.	9	Ci.	Cu.
22	E	E	SE	W	W	E	59.3	67.9	76.6	48.9	252.7	0	Ci.	Cu.	10	------	------
23	SE	Calm	W	W	N	E	58.2	72.1	107.8	34.6	272.7	2	Ci. NW	Cu.	10	------	------
24	SE	SE	W	NW	NE	E	72.2	59	92.5	64.9	288.6	1	Ci.	Cu.	10	------	------
25	SE	E	WSW	NE	Calm	S	49.7	71.9	85	39.2	245.8	1	Ci.	Cu.	10	------	N.
26	SE	N	W	WNW	NW	N	58.4	75.9	111.2	79.2	324.7	2	Ci.	Cu.	9	------	Cu.-N.
27	Calm	Calm	W	WSW	WNW	N	9.7	71.3	119.7	68.1	268.8	2	Ci.	Cu.	10	------	N.
28	W	NW	W	NW	NW	E	64.7	103.2	125.5	80.8	374.2	3	Ci.-S.	Cu.	9	Ci.	Fr.-N. NW
29	NW	W	W	W	NNW	N	62	110.7	145.8	62.6	381.1	4	Ci.-S.	Cu.	9	Ci.	S.-Cu. NW
30	------	W	WSW	WSW	W	E	------		------	78.3	------	10	Ci.-S.	Cu.	10	------	N.
31	S	W	W	W	WSW	E	85.6	115.6	132.8	------	------	10	------	Fr.-N.	10	Ci.-S.	Fr.-Cu.
Mean	------	------	------	------	------	------	84	96.1	112.6	91.7	383.4	6.5	------	------	9.7	------	------

BAGUIO.

[ϕ=16° 25′ N ; λ=120° 36′ E ; barometer above sea, 1,512.5 meters ; gravity correction not applied, —1.65 mm.]

AUGUST, 1910.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	35.75	35.55	35.86	34.86	35.23	36.14	16	15.5	20	21.4	17.3	17	23	15	95	95	81	80	97	95	------
2	34.99	34.13	35.11	33.96	33.87	34.84	16.2	16	18.7	19	16.1	16.1	20.1	15.5	98	95	89	86	98	94	------
3	34.31	34.13	34.54	34.09	34.23	35.45	15.7	15.5	19.1	20.2	17.6	16.7	21.6	15	92	89	85	84	97	100	5.8
4	34.92	35.04	35.24	34.81	35	36.03	16.2	16.1	19.7	23.4	18.9	17.4	24.1	15.9	100	99	82	68	95	100	------
5	35.36	35.18	35.96	35.41	35.38	36.81	17	17.1	21.5	21.9	18.8	18.2	24.6	16.9	100	98	73	91	100	100	------
6	36.14	35.62	36.41	35.33	35.33	36.20	18.1	17.9	20.9	20.6	17.7	18.3	23.4	17	99	92	91	92	93	88	2.3
7	35.67	34.98	35.85	35.26	35.01	36.13	17.3	17.7	20.2	19.5	16.9	16.3	22.2	16.1	98	93	90	94	96	100	35
8	35.06	34.97	35.35	34.86	34.57	35.61	16.1	16.3	20.8	18.6	16.2	16.1	22.4	15	95	93	71	98	98	97	50.3
9	34.90	34.74	35	34.51	34.56	35.66	16.3	16.3	19.5	19.6	17	16.6	21.7	15.2	96	99	86	95	100	100	46
10	34.97	34.22	35.14	34.17	34.31	35.47	16.3	15.8	19	18.2	17.2	16.3	19.7	15.6	97	100	86	99	100	100	27.7
11	34.58	34.64	35.50	34.54	34.96	36.12	15.8	16.5	17.8	18.9	16.8	16.8	20.4	15.8	100	100	98	95	100	100	39.6
12	35.51	35.66	36.27	35.34	35.30	36.19	16.8	16.7	18	17.9	17	16.6	20.8	16.1	100	100	100	100	100	100	7.2
13	34.93	34.86	35.36	34.23	34.06	35.12	16.3	17.1	17.5	20	17.3	16.8	20.8	15.8	100	100	100	91	100	100	21.4
14	34.17	34.17	34.98	34.34	34.59	35.89	16.7	16.5	19.7	19.5	17.3	16.4	22.3	15.8	99	96	92	97	98	100	2.6
15	35.04	35.14	35.45	34.71	34.94	35.81	16.5	16.4	22.4	22.5	18.4	17.8	23.6	15.7	99	100	78	82	97	97	1
16	35.37	35.18	35.71	34.79	34.58	35.50	17.6	17	23.1	22.2	18.5	18	23.8	16.8	98	100	74	85	100	99	2.8
17	34.64	34.96	35.77	34.87	34.82	36.39	17.9	17.4	21.5	22.1	18.3	18.3	24	17.2	99	100	82	90	98	95	26.7
18	35.91	35.88	36.57	35.54	35.64	36.65	17.5	17.7	20.7	21.6	18	17.7	23.3	17.1	99	95	92	93	94	96	8.6
19	36.31	36.01	86.63	35.99	35.99	36.65	17.3	17.6	23	21	18.1	17.6	23.7	16.6	94	92	78	95	94	95	1.3
20	35.92	35.94	36.57	35.67	35.59	36.86	17.2	16.7	21.3	21.6	18.6	18.1	23.2	16.4	95	95	84	91	96	88	2.6
21	36.33	35.99	36.37	35.51	35.60	36.75	16.8	17	23.7	22.3	17.8	17.7	23.7	16.5	97	90	62	85	100	96	------
22	36.39	36.04	36.77	36.15	36.11	37.28	17.1	17.1	20.8	20.9	18.6	18.1	23.6	16.5	94	88	73	74	83	83	.3
23	36.23	35.80	36.98	36.04	35.26	36.16	17.9	16.9	21	19	17.7	17.7	22.9	16.7	83	91	84	99	97	94	13
24	35.36	34.57	34.93	33.66	33.36	34.35	17.2	16.8	20.6	17.5	16.7	16.4	21	16.1	96	92	76	89	92	91	2
25	33.61	33.62	34.48	34.01	34.47	35.48	16.5	16.2	21.5	19.6	18	16.6	24.1	16	90	92	71	85	96	100	24.4
26	34.19	34.35	35.01	34.37	34.61	35.72	16.1	16.2	20.5	20.4	17.6	16.7	23.2	15.6	100	100	82	79	98	100	24.4
27	34.83	35.13	35.62	34.87	34.91	35.72	15.5	15.8	17.6	20.5	16.7	15.9	21.5	15.3	100	100	99	81	99	100	48.3
28	35.38	34.93	35.71	34.91	34.69	35.77	16	15.5	17.1	16.5	16.5	16.2	17.7	14.6	100	100	100	100	100	100	30.2
29	35.06	34.39	35.05	34.37	34.32	35.39	15.5	16.1	17.2	17	16.4	16.5	17.6	15.4	100	100	100	100	100	97	50.4
30	34.20	33.92	34.66	33.86	33.64	35.04	16.2	15.5	17.1	17.4	16.6	16.2	18	15.5	98	100	100	100	100	100	29.5
31	33.60	33.30	34.14	33.27	33.27	34.45	16.3	17.4	17.1	17.5	16.9	17	18.3	16	100	100	100	100	100	99	53.3
Mean	35.15	34.94	35.58	34.78	34.78	35.86	16.6	16.6	20	19.9	17.5	17	21.9	16	97.1	96.3	85.8	90.3	97.3	96.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	556.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	E	W	W	WNW	W	-----	-----	151.6	48.9	-------	10	A.-S.	S.-Cu.	9	Ci.	s.-cu. wsw
2	W	SE	W	SW	S	W	42.6	48.3	36.5	40.8	168.2	9	A.-Cu.	S.-Cu.	10	A.-S.	Fr.-N. SW
3	SE	Calm	SW	WNW	WSW	SW	28.8	50.7	89	37.8	206.3	3	Ci.-Cu.	Cu.	10	------	N.
4	E	E	ESE	SSW	W	SE	72.4	80.8	63.9	30	247.1	9	Ci.	S.	7	Ci.-S.	S.-Cu. S
5	E	E	SE	WSW	NW	W	79.5	87.7	67 6	18.7	253.5	7	Ci.	Cu.	10	------	Cu.-N.
6	NW	SE	WSW	WNW	NNW	SE	34.8	58.9	116.5	50.9	261.1	9	Ci.-S.	Cu.	10	------	------
7	W	SE	W	W	NW	NW	46.4	80.8	135.5	90.1	352.8	7	Ci.-S.	Cu.	10	------	------
8	W	W	W	W	NW	W	56	90.9	136	66	348.9	10	Ci.-S.	Cu.	10	------	N.
9	W	W	WSW	WSW	W	W	87.7	86.1	145.3	94.4	413.5	10	------	N.	10	------	N.
10	W	SE	SW	W	WNW	W	65.2	111.8	165.2	114.1	456.3	10	------	------	10	------	------
11	SW	SE	WSW	W	WSW	W	39.6	118.1	185.6	154.8	498.1	10	Ci.-S.	Fr.-N.	10	------	N.
12	W	WSW	W	WSW	W	W	101.1	119.4	147.8	48.3	416.6	10	------	------	10	------	------
13	W	W	WSW	WSW	W	W	77.5	112	150	58.1	397 6	10	------	------	10	------	N.
14	W	Calm	W	WSW	W	W	39.1	68.9	122	68.1	298 1	9	Ci.	Fr.-N. SW	10	------	Fr.-N.
15	W	Calm	ESE	WSW	W	Calm	51.7	36.2	71	29.2	188.1	9	Ci.	Cu.	9	------	Fr.-N.
16	Calm	E	SE	WNW	W	E	26	60.7	83.1	37.5	207.3	10	------	------	10	Ci.	Cu.-N.
17	E	E	E	W	Calm	SE	18.8	42.4	89	57.1	207.3	10	------	------	9	------	Cu.-N.
18	NE	SE	WSW	W	NE	NW	54.7	59	103.8	89.9	307.4	4	Ci.	Cu.	10	------	------
19	N	NW	W	WNW	NE	W	41.2	62.8	97.1	57.7	258.8	3	Ci.	Cu.	10	------	N.
20	E	E	W	W	NE	SE	24.1	51.5	94.6	61.8	232	9	Ci.-S.	Cu.	10	------	N.
21	NE	NE	E	WSW	NW	SE	46.1	74.2	72.7	68.2	261.2	9	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
22	SE	ESE	S	SE	E	E	114.6	92.7	64.6	89.5	361.4	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
23	SE	E	WSW	W	NE	S	70.2	67.1	84	57.7	279	10	Ci.-S.	Cu.	10	------	------
24	W	NE	E	E	E	E	35.2	85.3	167.6	240.6	528.7	10	Ci.-S.	S.-Cu. NE	10	A.-S.	N.
25	E	E	E	W	WNW	SE	230.3	92.5	70.5	50.4	443.7	10	A.-Cu.	S.-Cu. ESE	10	Ci.-S.	N.
26	NE	WNW	W	WNW	W	W	30.9	73	125.5	104.6	334	9	Ci.	S.-Cu. wsw	10	------	N.
27	W	W	W	W	W	W	126.8	165.7	167.5	140.2	600.2	10	------	------	10	Ci.-S.	Fr.-N. W
28	NW	W	W	W	NW	NW	166.3	209.4	222.1	154.8	752.6	10	------	N.	10	------	N.
29	NW	W	W	W	W	W	108.3	234.9	268.7	190.9	802.8	10	------	------	10	------	------
30	W	W	WSW	WSW	W	W	93.3	159.9	202.7	188.3	644.2	10	------	------	10	------	------
31	W	WSW	W	WSW	WSW	W	228.5	208.4	213.5	201.3	851.7	10	------	------	10	------	------
Mean	------	------	------	------	------	------	74.6	96.3	126.1	88.4	386	8.9	------	------	9.8	------	------

BAGUIO.

[ϕ=16° 25′ N ; λ=120° 36′ E ; barometer above sea, 1,512.5 meters ; gravity correction not applied, —1.65 mm.]

SEPTEMBER, 1910.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	33.73	33.45	34.20	33.57	33.70	35.17	16.9	16.7	18.6	18.6	17.1	16.4	21.7	16.4	99	100	95	96	100	100	22.3
2	34.28	33.85	34.40	33.77	33.69	34.73	16.3	16.2	17.4	17.5	16.6	16.9	18.6	16	100	100	100	100	100	97	18.1
3	33.72	33.82	34.42	33.59	33.22	34.19	16.8	17	17.4	17.9	16.9	16.8	19.3	16.4	100	100	100	98	94	99	29.4
4	33.27	32.70	33.44	32.27	32.47	33.85	16.7	17	18.3	16.6	16.5	16.6	19.7	16.2	100	100	100	100	100	98	19.6
5	33.19	32.58	33.05	32.04	32.02	33.25	16.4	16.5	17.4	17.5	16	16.2	18	15.6	99	100	100	98	100	98	132.4
6	32.80	32.56	33.19	32.26	32.10	33.23	16	16.3	16.9	17.4	16	16.1	18.5	15.6	100	100	100	100	100	99	54.3
7	32.51	32.14	33.63	33.40	33.62	35.38	16	15.9	19.9	18.6	17.3	16.3	20.9	15.5	98	100	82	93	100	100	23.9
8	34.64	34.55	35.65	34.86	35.48	36.68	16.6	16.5	20.7	22.1	17.4	16.8	23.5	16	95	91	76	65	94	94	6.1
9	36.27	35.88	36.87	35.79	36.19	37.59	16.9	16.9	22.2	18.9	17	16.5	23.5	16.1	92	90	72	96	99	97	17.3
10	36.69	35.99	36.53	35.56	35.85	36.91	16.3	16.8	23.5	21.4	18	17.2	24	15.9	93	82	71	91	100	100	3
11	36.37	36.12	36.59	35.94	36.20	37.20	16.8	16.5	22	19.5	18.2	17.1	23	16.4	100	100	72	90	98	95	4.4
12	36.66	36.71	37.71	36.22	36.58	38	16.8	16.5	19.6	22.7	19.5	17.5	23.8	16.3	96	96	76	63	94	94	------
13	37.27	37.10	37.27	36.28	36.54	37.33	16.4	17	22.4	23.2	18.2	17.1	25.2	16	91	80	72	59	98	99	.8
14	36.45	36.04	36.83	35.34	35.34	36.40	16.2	17.5	20.8	18.5	18	17.1	22.6	15.4	96	79	70	89	85	88	.3
15	35.45	35.40	36.97	35.40	35.53	36.27	16.6	16.6	19.2	21.7	18.7	17.6	23.3	16.5	92	89	84	78	88	90	.3
16	35.50	35.12	36.15	34.99	35.02	36.56	16.8	16.7	21.4	18.4	17.4	16.9	22.5	15.9	89	82	67	88	79	83	.3
17	35.84	35.23	36.85	36.18	36.33	38.06	16.5	17	20.2	21.4	18	17.1	22	16.2	88	86	75	86	94	97	7.6
18	37.60	37.49	38.07	37.36	37.52	38.21	16.5	16.7	21.6	17.3	16.1	15.8	22.1	15.7	98	94	82	100	100	98	17.3
19	37.35	37.13	37.91	35.80	36.35	37.20	15.9	15.8	19	18.8	16.1	16.3	22.1	15.5	95	94	91	100	99	94	14.7
20	36.10	35.60	36.32	35.04	35.33	36.47	16.8	16.7	21.5	22	18.6	17.4	23.8	15.7	92	90	72	78	94	89	------
21	35.56	35.54	36.10	34.88	35	36.22	16.1	15.5	21.8	22.7	19	17.4	23.5	15.4	92	88	62	60	74	83	.8
22	35.54	35.45	36.35	35.50	35.90	37.35	16.8	16	19	17.8	17.3	16.4	19.1	15.8	88	96	81	94	91	96	12.4
23	36.70	36.40	37.67	36.68	36.57	37.04	16.2	16.9	19.2	17.5	16.1	16.1	22.5	15.5	93	84	84	97	98	97	14.8
24	35.20	35.08	33.94	29.94	26.53	31.46	15.6	16.6	17.5	16.1	15.4	15.4	18.1	14.8	97	89	86	100	100	100	424.5
25	32.64	33.52	34.77	34.17	34.22	35.90	15.4	15.5	19.8	23.5	18.5	17.3	23.9	15.2	97	95	82	68	100	100	------
26	34.99	35.28	36.08	33.95	34.49	35.26	16.2	16.5	21.6	19.7	17	17.5	24.8	16.2	100	100	81	95	96	88	54.6
27	33.82	33.60	34.12	32.51	32.73	33	16.5	16	20.7	18.5	16.6	16.4	22.1	15.8	98	100	86	100	99	99	29.5
28	31.87	31.49	31.99	30.03	30.09	31.28	16	16.5	18.2	17.5	17	16.8	19.5	15.5	100	100	100	100	100	100	94.2
29	30.38	30.47	31.62	30.50	30.66	31.83	16.8	17	17.1	18.1	17.2	17.1	19.6	16.6	100	100	99	95	98	99	18.8
30	31.64	32.07	33.51	33.07	33.84	35.23	17.4	17	18.9	18.4	17.5	17.3	20.3	16.3	94	95	90	91	100	98	2.8
Mean	34.80	34.61	35.41	34.23	34.30	35.58	16.4	16.5	19.8	19.3	17.3	16.8	21.7	15.9	95.7	93.3	83.6	88.9	95.7	95.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	1,024.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	SW	SW	SW	WSW	WSW	198.4	163.1	188.3	178.6	728.4	10	------	------	10	Ci.-Cu.	Fr.-N.SW
2	WSW	SW	WSW	WSW	SW	SW	221.1	255.2	261.5	155.1	892.9	10	------	------	10	------	------
3	SW	SW	SW	SW	WSW	SW	204.6	265.5	195.3	105.9	771.3	10	------	------	10	A.-Cu.	Fr.-N.SW
4	SE	WSW	W	WSW	WSW	WSW	122.5	138.4	247.3	129.2	637.4	10	------	------	10	------	------
5	SW	WSW	WSW	SW	SW	SW	125.5	217.5	283.2	328.7	954.9	10	------	------	10	------	N.
6	WNW	WSW	SW	SW	WSW	W	330.1	303	319.7	173.8	1,126.6	10	------	------	10	------	------
7	W	SE	SSE	W	SW	E	53.3	48.1	144.8	101.1	347.3	9	Ci.	S.-Cu.	9	A.-Cu.	Fr.-N.SW
8	SE	SE	SE	SSE	SE	ESE	80	83.9	73	108.8	345.7	9	A.-Cu.	S.-Cu. SW	8	A.-Cu. S	Cu.
9	SE	SE	E	W	E	N	119.7	114.3	81.1	64.2	379.3	9	Ci.-S.	Cu.	10	------	N.
10	NE	NE	E	W	W	SE	64.2	76.2	97.4	39.7	277.5	10	A.-S.	S.-Cu.	9	Ci.	N.
11	Calm	E	ESE	WSW	Calm	E	17.9	85.1	31.4	56.1	190.5	10	------	S.-Cu.	10	------	N.
12	SE	ESE	SE	SE	SSE	SE	114	148.4	71	78.4	411.8	8	Ci. ENE	Fr.-Cu.	7	Ci.-Cu.	Fr.-Cu. SE
13	E	SE	SW	NW	SW	N	119.7	52	41.6	25.4	238.7	9	A.-Cu. ENE	S.-Cu.	9	Ci.-S.	Cu.-N.
14	W	Calm	E	E	ESE	E	43.1	37.5	53.6	140.6	274.8	6	A.-Cu. E	Cu.	10	A.-S.	N.
15	E	ESE	ESE	SW	E	E	161.9	154.8	58.2	94.6	469.5	4	Ci.-Cu. E	Fr.-Cu.	9	Ci.-S.	S.-Cu. ESE
16	E	SE	E	E	E	E	107.3	109.4	161.4	164.1	542.2	4	A.-Cu. ENE	Cu.	10	Ci.-S.	Fr.-N. E
17	E	E	E	WNW	ESE	ESE	166.8	173.6	53.4	45.1	438.9	10	Ci.-S.	Fr.-N.	10	A.-Cu.	S.-Cu. ESE
18	SE	E	WSW	W	WNW	NW	42.3	55.5	101.2	52.8	251.8	10	------	S.-Cu.	10	------	------
19	N	NNE	WSW	W	NW	E	62.3	74.8	103.3	90.6	331	10	Ci.-S.	S.-Cu.	10	------	------
20	SW	SE	ESE	SW	SE	E	66.5	80.8	57.7	97.6	302.6	8	A.-Cu. NE	Cu.	8	Ci.-S.	N. ESE
21	E	E	E	ESE	E	E	60.2	117.7	118.9	73.8	370.6	3	Ci.-S.	Cu.	9	Ci.-S.	S.-Cu. ENE
22	E	E	ESE	ESE	SE	ESE	102.2	190.5	72.7	109.7	475.1	10	A.-S.	N.	10	------	N. SE
23	E	Calm	WSW	WNW	NE	N	96.3	71.8	91.7	95	354.8	7	Ci.-Cu. S	Cu.	10	------	------
24	NNE	NNW	NNW	WNW	W	SSW	165.1	177.6	471.5	376	1,190.2	10	A.-S.	S.-Cu.	10	------	------
25	SE	SE	ESE	E	SW	SW	109.9	140.5	48.8	25.5	324.7	10	A.-Cu.	Fr.-N.	9	Ci.-S.	S.-cf. SEbyE
26	NE	N	NE	W	N	SW	32.4	52.1	97.7	39.6	221.8	10	------	------	10	------	------
27	W	W	WSW	WSW	W	W	44.6	67	139	45.6	296.2	10	------	------	10	------	------
28	SE	SE	W	W	W	S	59	61.5	167.8	85.3	373.6	10	------	------	10	------	------
29	SW	SW	SW	S	SE	S	63.3	100.1	94.6	96.3	354.3	10	------	------	10	------	N.
30	SW	SSE	SE	S	SE	SSE	108.9	108.9	99	75.6	392.4	10	------	N. SE	10	------	N. S
Mean	------	------	------	------	------	------	108.8	124.2	134.2	108.4	475.6	8.9	------	------	9.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	14,266.8	------	------	------	------	------	------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

OCTOBER, 1910.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	35.22	35.30	36.34	35.19	35.84	37.06	17.4	16.6	20.4	18.6	17	16.9	22.2	16.5	94	98	89	100	97	99	34.8
2	36.14	35.77	37.10	35.62	35.39	36.05	16.6	16.7	19.8	20.2	17.7	17.1	23.2	16.2	100	100	90	94	100	100	58.2
3	35.40	34.89	35.83	34.01	34.57	35.59	16.7	16.1	20.8	19.3	17.9	17.3	21.2	16	100	100	91	97	95	97	14.2
4	34.61	34.62	36.08	35.60	35.72	36.49	16.8	17	18	18	17.1	16.7	19.6	16.5	97	95	95	100	94	95	1.8
5	35.95	36.41	37.64	36.36	36.68	37.80	16.1	15.9	21	21.4	18.4	17.8	23.2	15.5	98	98	78	87	97	97	.5
6	37.10	36.81	37.09	35.88	36.13	37.23	17.3	16.6	21.3	19.6	17.8	18.1	23.5	16.5	97	99	89	98	94	87	1.5
7	36.51	36.39	37.05	35.86	35.96	37.14	16.9	16.4	21	19	17.5	17.1	23.8	15.9	93	96	86	95	97	98	.5
8	35.97	35.55	36.36	35.31	35.55	36.38	16.7	16.6	17.9	17.9	17	16.5	19.3	16	99	98	96	99	100	99	39.4
9	36.10	35.64	36.29	35.38	35.60	36.70	15.8	16.4	19.4	19.8	17.1	16.2	21.7	14.6	99	91	90	91	99	98	1.3
10	36.20	35.79	36.88	35.89	36.21	37.37	15.8	15.4	21.4	19.4	17.8	16.8	21.8	15.4	98	100	75	93	99	98	5.3
11	36.37	36.63	37.66	36.50	37	37.82	16.3	15.6	19.5	18.8	16.7	16.5	21.2	15.5	97	95	91	96	99	98	4.1
12	36.96	36.85	38.14	36.83	37.12	37.80	16	15.7	19.6	21.3	17.2	16.5	22.3	15.2	95	94	89	87	99	98	.8
13	36.77	36.63	37.59	36.39	36.50	37.78	15.6	15.4	18.4	17.7	17.3	16.7	20.9	14.8	95	91	92	98	95	95	.5
14	37.07	36.60	37.79	36.53	37	38.10	15.9	16	20.1	18.4	17.2	16.5	21.4	15	98	94	90	96	94	96	1
15	37.10	37.03	38.58	36.99	37.12	38.15	15.7	16	20	21.4	17.6	16.9	21.4	15.5	100	98	81	82	95	97	6.1
16	37.40	37.30	38.09	36.44	36.91	38.01	16.2	16.1	18.9	19.5	17.5	16.3	21.7	15.8	97	95	95	94	98	96	.5
17	37.40	37.40	38.39	36.87	37.14	37.94	16.4	15.7	20.5	21.3	17.5	16.6	23.7	15.4	93	92	88	86	97	96	29.2
18	37.59	37.74	38.84	37.58	37.75	38.65	15.8	15.3	19.8	20	17.6	16.6	22.3	14.7	95	92	73	91	94	92	20.3
19	37.84	37.78	38.70	37.40	37.29	38.04	15.6	15.8	21.6	21.8	18.2	17.1	22.4	15.1	91	81	77	82	96	93	6.1
20	37.54	37.55	38.34	37.01	37.16	37.95	16.5	16	20.7	21.1	18.1	17.1	22.6	15.4	94	90	85	87	91	84	.3
21	37.17	37.14	38.14	36.94	37.33	38.09	15.5	15.9	23.5	19.7	17.8	16.7	24.9	14.5	88	65	55	95	94	90	------
22	37.05	37.61	38.77	37.18	37.11	37.88	16.7	17	22	23.2	18.5	17.2	24.7	15.1	87	77	62	52	94	90	------
23	37.05	37.21	38.40	37.24	37.28	37.70	16.8	16.4	23.4	22.3	18.5	17.7	23.7	15.5	90	95	58	78	80	82	1
24	36.81	36.78	37.57	36.50	36.80	38.05	16.4	16.4	22	22.4	18.2	16.6	23.2	15.7	87	75	69	78	95	96	------
25	37.19	37.36	38.54	37	37.14	38.37	15.5	15.5	22	22.6	18.4	17.3	24	15	91	74	66	75	90	89	------
26	37.55	37.93	38.64	36.74	36.81	37.60	15.8	15.4	21.2	19	18.7	16.8	22	14.9	99	99	74	93	93	95	.5
27	36.77	37.08	38.32	36.66	36.91	37.96	16.8	16.1	20.8	23.2	18.5	17.7	24.3	16	95	99	87	77	99	94	------
28	36.80	36.60	37.75	36.39	36.74	37.64	16.4	16	22.1	20.5	18.2	16.7	24.2	15.5	98	93	67	86	96	88	------
29	36.56	36.35	37.73	36.54	36.84	37.95	16.5	16.5	22.8	21.5	18.5	17.3	24.2	16	74	60	49	82	96	93	------
30	36.96	36.87	37.30	35.63	35.72	36.39	16.6	16.5	23.5	21.7	19.5	18	24.8	15.5	92	84	67	85	94	89	------
31	35.20	34.97	35.76	34.51	34.68	35.62	18	17.7	21.5	21.6	19.1	17.9	23.7	15.9	81	81	71	79	89	88	------
Mean	36.66	36.60	37.60	36.29	36.52	37.46	16.4	16.2	20.8	20.4	17.9	17	22.7	15.5	93.9	90.3	79.5	88.2	95.2	93.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	227.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	ENE	S	WSW	SW	W	58.7	62.8	117	40.7	279.2	9	Ci.-S.	Fr.-Cu. SSW	10	------	N.
2	N	W	W	W	W	W	41.5	80.3	106.5	57.6	285.9	10	------	------	10	------	------
3	NW	E	WSW	W	SE	SE	44.9	62.3	50.2	56	213.4	10	A.-S.	Cu.	10	------	------
4	E	E	SE	W	SE	S	64.7	49.6	51.8	69	235.1	10	A.-S.	S.-Cu.	10	------	------
5	S	E	SW	W	SW	SE	65.4	44.8	68.9	33.5	212.6	10	Ci.-S.	Cu.	9	Ci.	Cu.-N. SW
6	SE	E	WSW	W	NE	E	59.5	50.9	93	78.4	281.8	10	------	------	10	------	------
7	W	N	WSW	NW	NNE	NW	42.8	76.4	95.6	65	279.8	10	Ci.-S.	Cu.	10	------	------
8	NW	NW	NW	W	W	WNW	77	101.4	151.1	167.5	497	10	Ci.-S.	S.-Cu. NW	10	------	------
9	W	NW	W	WSW	W	W	131.8	93	72.6	34	331.4	10	A.-S.	S.-Cu. NW	10	Ci.-S.	S.-Cu.
10	E	E	WSW	W	W	SE	62.2	64.7	57.4	29	213.3	10	Ci.-S.	Cu.	10	------	N.
11	E	NE	WSW	WSW	W	NE	27.4	56.3	79.9	32.7	196.3	10	Ci.-S.	S.-Cu.	10	------	------
12	E	Calm	WSW	W	W	SE	33.6	44.9	92.5	52	223	6	Ci.-S.	Cu.	9	------	Cu.-N.
13	E	E	WSW	W	E	E	67.6	50.4	68.9	42	228.9	8	Ci.-Cu. NW by W	Cu.	10	------	------
14	E	SE	WSW	W	SE	E	38	48.5	57.9	39.6	184	9	A.-Cu. W	Cu.	10	------	------
15	NW	N	W	W	N	W	41.2	38.1	64.9	30.8	175	9	Ci.	S.-Cu. NW	9	Ci.-S.	N.
16	E	SE	WSW	W	Calm	E	35.4	53.3	82.3	50.5	221.5	9	Ci.-S.	Cu.	10	------	N.
17	E	E	W	WSW	Calm	N	61.2	60.4	67.9	33.2	222.7	3	Ci.	Cu.	9	------	Cu.-N.
18	NE	E	S	W	S	SE	47.7	55.2	76.7	43	222.6	2	Ci.-Cu.	S.-Cu.	9	------	Cu.-N.
19	E	SE	SW	WSW	S	S	58.5	52	64.7	41.8	217	0	Ci.	Cu.	9	------	Fr.-N.
20	N	E	WSW	W	Calm	E	30.4	59.7	77.9	59.5	227.5	4	------	S.-cf. N	10	------	Cu.-N.
21	NE	E	E	WSW	SE	E	55	89	66.3	76.6	286.9	0	Ci.	Cu.	10	------	------
22	E	ESE	E	E	SSW	E	68.9	108.6	89.5	97.7	364.7	1	Ci.	Cu.	9	Ci.-S.	Cu.
23	E	N	E	W	W	E	58.7	59	73.8	56.3	247.8	0	Ci.	Cu.	9	------	N.
24	E	E	WSW	W	E	E	100	68.9	72.7	41.8	283.4	0	Ci.	Cu.	9	------	Cu.-N.
25	NE	E	W	W	SE	SE	64.1	47.7	78.6	63.1	253.5	0	Ci.	Cu.	8	------	S.-Cu. E
26	E	NE	E	W	SE	SE	54.1	42.6	44.9	58.1	199.7	1	Ci.	Cu.	10	------	S.-Cu. E
27	NE	NE	WSW	WSW	W	E	36.5	58.9	76.4	25.2	197	5	------	S.-Cu. ENE	9	------	S.-Cu.
28	N	N	ESE	W	NE	E	50.9	42.8	66.8	85.3	245.8	2	Ci.	S.-Cu. E	10	------	S.-Cu.
29	E	NE	ESE	W	Calm	ESE	102.7	55.5	71.3	71.4	300.9	9	Ci.-S.	Cu.	9	------	S.-Cu.
30	E	ESE	SW	WSW	Calm	S	62	49.9	62.3	38.6	212.8	0	Ci.	Cu.	9	------	S.-Cu.
31	E	SE	S	WSW	SE	ESE	44	56.3	57.1	40.8	198.2	1	Ci.	Cu.	9	Ci.-S.	S.-Cu. E
Mean	------	------	------	------	------	------	57.6	60.8	76	55.2	249.6	5.7	------	------	9.5	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,738.7	------	------	------	------	------	------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

NOVEMBER, 1910.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	34.46	34.21	35.12	33.59	33.71	35.06	17.8	17	20.9	20.3	17.1	17.8	23.5	16.2	80	80	67	79	90	84	0.3
2	33.81	34.45	35.43	34.02	34.32	36.54	16.6	16.3	17.8	17.5	16.6	16.7	18.9	15.5	92	95	82	84	89	87	4.9
3	35.62	35.90	37.20	36.04	36.15	37.20	16.4	16.8	20.6	22	19	17.6	22.6	15.7	90	86	76	66	78	86	------
4	36.19	36.74	37.88	36.12	36.30	37.50	16.9	17.4	20.2	19.4	17.9	16.9	20.7	16.4	89	86	78	79	82	87	------
5	36.60	36.74	37.88	36.33	36.71	37.57	16.1	15	20.3	21.8	18	16.1	23.7	14.9	92	94	83	79	91	88	------
6	36.84	36.75	37.32	36.14	36.51	37.33	15.3	16.6	22.5	21.6	17.7	17	23.5	14.9	86	46	32	78	92	80	------
7	36.77	36.85	37.82	36.61	36.88	37.47	16.4	16.4	22.6	20	18	16.5	23.7	15.5	87	81	68	90	89	94	------
8	36.66	36.75	37.57	36.06	36.63	37.36	16.4	16.8	23	18.6	18	17.3	23.7	16	91	86	74	99	95	93	4.2
9	36.40	36.43	37.01	35.07	35.50	36.30	16.7	16.6	21.1	19.5	17.8	17.3	23.2	16	92	91	77	94	97	97	7.9
10	35.15	35.20	35.61	34.10	34.73	35.53	16.5	16.1	20.8	21.5	17.5	16.7	23.5	16	97	96	82	82	96	93	------
11	34.63	35.03	35.60	33.94	34.72	35.83	16	15.5	22	21	18.5	17.3	23.3	15.5	95	89	78	83	94	93	------
12	34.95	35.06	36.39	34.65	35.07	35.87	17	16.4	19.4	17.6	16.6	15.6	20.2	15.2	92	92	89	97	85	87	19.3
13	35.39	35.42	36.56	34.54	34.65	35.17	15.4	15.5	19.6	19.3	17.5	18.1	21.6	15.1	84	76	67	92	94	81	2.5
14	33.93	33.78	34.45	32.73	32.69	33.29	18.6	16.8	19.6	19.1	17.8	17.9	21.7	16.4	78	92	83	90	88	84	1.9
15	33.24	33.89	35.30	34.16	34.79	36.10	16.8	16.7	18.8	21.2	19	17.6	22.1	16	93	93	77	67	84	90	------
16	35.46	35.40	35.67	34.87	35.46	36.70	17.3	16.9	20.6	21.4	17.9	15.6	22.3	14.7	86	90	71	56	62	80	10.9
17	35.63	35.22	36.51	35.50	35.49	36.36	15.4	14.9	16.5	17.7	16.7	17.2	18.6	14.3	88	92	79	83	93	86	4.3
18	36.38	36.35	37.35	35.89	36.16	37.17	16.3	16.4	20.9	22.4	17.6	17.3	22.8	16	92	90	70	66	87	84	------
19	36.09	36.20	37.20	35.64	35.99	36.75	17.3	17.4	20.9	23	18.2	17	23.4	16.3	83	81	67	61	75	85	10.4
20	35.78	36.01	36.80	35.80	35.82	36.75	16.1	15.1	19.4	20.5	17.7	17.2	21.8	15	94	98	83	70	80	82	2.5
21	35.83	35.70	36.71	35.49	35.65	36	17.2	16.9	21.8	21.4	17.1	17.2	23.9	16.3	80	80	62	84	65	52	------
22	34.81	34.42	34.49	32.11	31.63	33.17	17.1	17.4	17.5	19.2	18.6	17.2	19.3	16	56	67	85	84	83	93	2.9
23	33.36	34.25	35.77	34.66	35.26	36.41	16.5	17	18.4	20.3	18.3	17.5	21	16	98	92	88	79	90	90	------
24	35.55	36.05	37.28	35.74	36.24	37.25	17.3	17.1	21.7	22	18.3	17.3	23.5	16.4	88	89	70	82	94	96	------
25	36.28	36.20	36.94	35.57	35.93	37.15	16.8	17.4	22	19.3	17.2	16.9	23.1	16	89	81	66	73	80	76	1
26	36.66	36.41	37.47	36.20	36.30	37.01	15.9	15.5	20	20.5	17.4	16.4	23.1	15.2	87	87	51	82	84	85	------
27	36.62	36.58	37.39	35.84	36.13	36.87	16.2	14.7	20.9	22.4	16.9	15.9	23.6	14.4	77	76	43	72	78	75	------
28	36.36	36.39	37.12	36.09	36.02	36.64	15.4	15	20.7	20.6	17	16.3	22.6	14.5	78	78	63	83	85	62	------
29	35.68	35.91	36.91	35.90	36.09	36.89	15.7	14.9	18.8	22.4	17.2	16.9	23.5	13.5	54	49	43	71	60	61	------
30	36.24	36.49	37.94	36.37	36.58	37.34	16.4	16	22.7	21.4	17.8	16.4	23.6	15.3	66	78	47	57	84	87	------
Mean	35.58	35.69	36.62	35.19	35.47	36.42	16.5	16.3	20.4	20.5	17.7	17	22.4	15.5	85.1	83.7	70	78.7	84.8	83.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	73

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	ESE	Calm	SSW	E	E	E	27.1	48.8	183.1	188.3	447.3	10	A.-S.	Cu.	10	Ci.-S.	Fr.-N.
2	E	E	E	E	E	E	251.6	229.5	364.2	326	1,171.3	10	------	N. E	10	Ci.-S.	Fr.-N. ESE
3	E	E	E	ESE	ESE	SE	294.5	194.4	116.2	97.4	702.5	9	A.-S.	S.-Cu.	9	A.-Cu. SSE	Cu.
4	E	E	ESE	E	Calm	SE	69.7	99.3	100	55.3	324.3	9	A.-Cu. SSE	S.-Cu. E	10	A.-Cu.	S.-Cu. E
5	SE	E	WSW	WSW	S	SE	78.7	68.7	74.6	45.1	267.1	1	Ci.	Cu.	9	Ci.	Cu.-N.
6	NE	E	ESE	WSW	SSE	SE	60.7	63.3	70.3	59	253.3	8	Ci.	Cu.	9	------	S.-Cu.
7	Calm	E	SSW	WSW	SE	E	56	68.4	64.9	65.4	254.7	0	Ci.	Cu.	9	------	S.-Cu.
8	E	SE	W	SW	NW	NNW	76.9	67	70.6	51	265.5	2	Ci.	S.-Cu.	10	------	------
9	E	W	WSW	NW	NE	NNE	28	63.4	74.2	46.5	212.1	7	Ci.-Cu. NE	Cu.	10	------	N.
10	NE	E	WSW	W	Calm	E	35.6	64.7	78.1	28.4	206.8	9	Ci. SSW	Cu.	9	Ci.	Cu.-N. W
11	N	E	W	WSW	SSE	E	47	65.5	65.5	60.7	238.7	9	A.-Cu.	S.-Cu.	10	------	S.-Cu.
12	NE	E	W	W	SE	E	53.6	38	51.5	81	224.1	9	Ci. NE	S.-Cu.	10	------	------
13	E	NE	E	W	SE	E	76.2	72.6	38.3	27.2	214.3	10	A.-Cu. ESE	Cu.	10	Ci.-S.	S.-Cu.
14	ESE	E	E	E	E	E	74.5	85.1	112.9	164.3	436.8	10	Ci.-S.	Fr.-N. E	10	A.-Cu.	Fr.-N. SE
15	E	ESE	ESE	ESE	SE	E	138.2	133.4	93.1	79.2	443.9	9	A.-Cu. SE	S.-Cu. SE	5	Ci.	Cu.
16	E	SEbyE	E	E	SSE	E	108.8	115.3	104.4	93.5	422	9	Ci.-S.	Cu.	9	Ci.	S.-Cu. E
17	E	E	E	E	E	E	110.7	115.9	104.9	119.4	450.9	10	------	N.	10	A.-S.	S.-Cu.
18	E	E	E	ESE	NE	E	80.5	116.7	70.3	47	314.5	10	A.-S.	Fr.-N.	9	A.-Cu.	S.-Cu. ENE
19	S	SE	E	ESE	SE	E	65.2	86.1	73	67.6	291.9	10	Ci.-S.	S.-Cu.	9	A.-Cu. NE	S.-cf. ENE
20	E	E	E	ESE	SE	E	75.9	79.1	75.9	55.3	286.2	10	A.-S.	Fr.-N.	9	A.-Cu.	S.-Cu. ENE
21	SE	SE	E	WSW	E	E	58.9	64.7	52.8	63.1	239.5	8	Ci.-Cu. NE	Cu.	10	Ci.-S.	Cu.
22	ESE	N	NE	E	E	E	48.8	51.3	101.7	131.2	333	10	------	S.-Cu. ENE	10	A.-S.	Fr.-N. ENE
23	E	E	ESE	ESE	E	E	88.2	112.9	98.2	96	395.3	10	A.-S.	Fr.-N. ESE	9	Ci.-Cu.	S.-Cu. SE
24	E	E	ESE	WSW	E	SE	82.4	88.3	64.1	85.5	320.3	8	Ci.-S.	S.-Cu. ESE	9	Ci.	S.-Cu.
25	E	SE	ESE	ESE	E	SE	80.3	81.1	93	64.6	319	7	Ci.-Cu.	S.-Cu.	7	Ci.	Cu.
26	E	E	ESE	WSW	E	SE	45.3	50.2	55.5	70.6	221.6	10	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu.
27	E	E	ESF	WSW	SE	ESE	83.5	82.6	69	93.5	328.6	5	Ci.	S.-Cu.	8	Ci.	Cu.-N.
28	E	E	E	WSW	SE	SE	74.3	82.4	64.9	81.1	302.7	9	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu. E
29	E	E	E	E	E	E	83.9	79.1	72.9	89.8	325.7	9	A.-Cu.	S.-Cu.	3	Ci.-S.	Cu.
30	SE	E	E	WSW	S	SE	93.9	67.6	58.2	70.3	290	8	Ci.-S.	Cu.	9	Ci.-S.	Cu. ESE
Mean	------	------	------	------	------	------	85	87.8	90.5	86.8	350.1	8.2	------	------	9	------	------
Total	------	------	------	------	------	------	------	------	------	------	10,503.9	------	------	------	------	------	------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, −1.65 mm.]

DECEMBER, 1910.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	36.40	36.90	37.83	36.52	36.54	36.96	15.4	15.9	23.4	21.9	18.4	16.8	24.6	14.9	87	80	68	79	80	87	----
2	36.78	37.10	38.03	36.54	36.60	37.30	16.5	15.7	22.2	21.4	17	15.7	23.4	14.5	85	84	72	78	84	91	0.5
3	36.51	36.31	37.19	35.52	35.82	36.69	16.2	17	18.1	18.7	16.4	16.7	19.8	15.3	80	85	89	84	87	88	1.8
4	36.15	35.82	36.33	35.80	35.97	37.40	15.4	15.5	19.1	19.1	17.2	16.6	22	14.8	95	89	88	90	93	92	------
5	37.04	37.56	38.40	37.46	38.15	38.80	16.6	16.9	20	22.1	18.3	15.4	23	14.9	90	87	65	61	81	93	------
6	38.20	38.30	39.17	37.52	37.93	38.38	16.3	15.6	21.2	22.6	17.9	16.6	23.3	15.2	74	79	55	50	71	70	------
7	36.98	36.83	37.40	36.13	36.63	36.90	16	16.1	22.2	18.8	17.2	16.2	23.4	15	69	69	56	90	83	89	------
8	35.75	36.23	37.34	35.89	36.13	36.90	15.4	15	20.6	20.8	17	16.3	22.6	14.8	91	90	76	78	96	95	------
9	36.20	36.26	37.25	35.65	35.77	36.80	15.3	14.4	20.9	21.7	16.9	15	23.3	14.4	92	95	56	71	85	84	------
10	35.90	36.15	37.50	36.34	36.68	36.97	13.6	16.5	23.4	22.5	17.9	17.4	24.2	13.4	84	46	35	67	59	52	------
11	36.67	36.86	38.19	36.64	36.87	37.73	15.5	16	23	20.2	18	16	23.5	14.5	62	49	32	80	90	87	------
12	36.50	36.55	37.53	36.14	36.63	37.64	15.2	15.5	23.4	19	17.8	16.3	23.9	14.3	76	70	54	90	84	88	------
13	36.55	36.65	37.56	35.69	36.03	37.14	15.9	16.1	20.9	21.3	18.2	17	23	15.4	86	83	64	78	83	87	.5
14	36.75	36.10	36.84	35.47	35.78	37.03	16.5	15.9	21.5	20.2	17.6	17	23.6	15.3	90	85	49	85	97	96	------
15	36.08	36.05	36.84	35.57	36.15	37.30	16.2	15.5	21.8	21.2	17.9	16.9	23.4	15.4	96	96	66	70	81	89	------
16	36.56	36.61	37.62	36.28	36.76	37.64	16.5	15.9	20.5	20.5	17.2	16.2	23.5	15.3	94	100	69	69	90	83	------
17	36.72	36.41	36.89	35.46	35.81	36.78	15.2	14.3	18.8	21.1	15.8	14.1	22.5	13.5	83	87	63	58	81	88	------
18	35.95	36.31	37.40	36.19	36.54	37.45	13.4	13.5	19.4	20.6	15	14.2	23.4	13	90	85	58	78	78	74	------
19	36.63	36.71	37.70	36.29	36.40	37.39	13.4	13.9	21	19.2	15.7	14.4	21.8	13	68	54	41	79	76	81	------
20	36.67	36.51	37.19	35.98	36.21	37.05	14.2	13.6	18.9	21	15.3	14.2	22.3	13.6	81	83	72	70	97	94	------
21	36.10	36.57	36.75	35.24	35.78	36.37	12.9	12	18.7	19.5	15.8	15.4	22.2	11.8	98	98	48	77	86	86	------
22	36.05	35.93	36.28	34.94	35.58	36.38	14.4	14.5	21	18.8	17	16	22.6	13.5	91	89	57	88	96	90	------
23	35.56	35.58	36.59	35.23	35.59	36.90	14.3	15.5	19.6	19	16.8	15.7	20.7	14	100	92	72	86	94	85	------
24	35.80	35.71	37.31	35.96	36.36	37.40	14.6	14.7	19.8	21.1	16.2	14.4	23.5	13.7	86	81	60	77	81	89	------
25	37.13	37.29	38.86	37	37.39	38.07	13.6	15.1	20.7	19.2	16.8	15.6	23.9	13	92	77	62	87	93	93	------
26	37.54	37.19	37.99	36.54	37.01	37.90	14.5	15.5	21.5	19.5	17.1	15.7	23.7	14.2	98	86	61	88	84	92	------
27	37.28	37.61	38.92	37.85	38.38	39.57	15.3	15.4	20	21.5	17.5	16.3	23.7	15	90	86	64	78	89	88	------
28	38.86	39.10	39.79	38.32	39	39.20	16.3	16.4	18.5	20.4	16.9	16.1	21	15	87	82	80	68	80	81	------
29	38.17	37.95	38.70	37.02	37.45	38.05	14.9	14.5	19.9	18.6	16.2	14.7	23.8	14	87	88	60	86	90	93	------
30	37.61	37.52	38.60	36.92	37	37.76	14.2	14.6	20.5	18.5	16.6	15.2	21.6	13.5	95	93	71	85	94	95	------
31	36.82	36.58	37.71	36.53	37.06	38.07	14.5	14.3	19.5	19	15.6	14.3	22.5	13.5	91	90	65	85	85	84	------
Mean	36.71	36.75	37.67	36.28	36.65	37.48	15.1	15.2	20.6	20.3	16.9	15.8	22.9	14.2	86.7	82.5	62.2	77.7	85.4	86.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	2.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	E	SE	SSW	ESE	E	76.2	68.2	74.2	100.1	318.7	3	Ci.	Cu.	8	Ci.-S.	Cu.
2	SE	E	ESE	ESE	E	E	104.6	90.9	65.2	100.8	361.5	8	Ci.	S.-Cu.	8	Ci.	s.-cu. ENE
3	SE	SE	E	E	E	E	73	91.7	96.6	105.4	366.7	10	A.-S.	S.-Cu. ENE	10	A.-S.	S.-Cu.
4	E	E	E	E	E	E	97.4	102	------	------	------	10	A.-S.	Fr.-N. SE	9	A.-Cu. S	S.-Cu. ESE
5	E	E	E	SE	S	E	------	------	------	126.6	------	9	A.-Cu.	S.-Cu. SE	8	Ci.	Cu.
6	E	E	E	E	SSE	E	108.4	109.4	72.1	60	349.9	8	Ci.	Cu.	2	Ci.	Cu.
7	E	E	SSE	W	W	E	93.8	78.6	72.9	35.9	281.2	2	Ci.	Cu.	10	------	------
8	NE	N	WSW	W	NW	E	66.5	77.4	92.8	45.7	282.4	1	Ci.	Cu.	9	------	s.-cu. WNW
9	NE	N	SSE	WSW	SE	E	41.5	42.6	80.8	62.5	227.4	9	Ci.	S.	7	Ci.	S.-Cu. E
10	NE	E	E	WSW	E	E	87.2	41.5	78.9	100.4	308	0	Ci.	Cu.	5	Ci.	Cu.
11	E	SE	SW	W	W	E	29.2	63.1	76.1	63.6	232	4	Ci.	Cu.	9	------	Cu.
12	E	SE	E	W	SE	SE	56.5	69.8	61.5	71.9	259.7	7	Ci.	Cu.	10	------	------
13	SE	SE	SE	WSW	S	NW	63	93.3	52.5	29.2	238	9	Ci.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. ESE
14	E	E	ESE	W	SW	S	74.5	95	56.1	20.1	245.7	8	Ci.	S.-Cu.	10	------	S.-Cu.
15	N	E	E	SW	SE	E	48.1	66.6	49.7	68.1	232.5	5	Ci.	Cu.	9	Ci.	s.-cu. EbyN
16	W	W	ESE	SW	Calm	E	33.8	43.1	41.6	80.5	199	9	Ci.	S.-Cu.	9	A.-Cu.	S.-Cu. E
17	E	SE	E	ESE	E	E	127.7	163.3	85.5	138.7	515.2	5	Ci.	S.-Cu.	8	Ci.-S.	Cu.
18	SE	ESE	ESE	WSW	E	E	135.5	141.3	77.2	129.3	483.3	5	Ci.-S.	Cu.	10	A.-Cu.	Fr.-Cu.
19	E	E	SW	W	E	E	117	72.2	76.6	100.3	366.1	4	Ci.	Cu.	9	Ci.-S.	S.-cf. E
20	SE	E	SW	WSW	SE	SE	52	44.3	79.7	42.6	218.6	9	Ci.-S.	------	10	Ci.-S.	Cu.
21	Calm	NW	ESE	WSW	ESE	E	20.9	38.3	60.9	62.6	182.7	10	A.-S.	Cu.	7	Ci.-S.	Cu.
22	E	E	ESE	WNW	Calm	NE	51.5	71.3	52.3	60.6	235.7	8	Ci.	S.-Cu. E	10	A.-Cu.	Cu.
23	NE	SE	Calm	W	SE	E	47.2	52	------	101.6	------	10	Ci.-S.	s.-cu. EbyN	10	------	S.-Cu. ENE
24	E	E	E	S	E	E	131.4	119.6	52.8	118.6	422.4	10	Ci.-S.	Cu.	9	Ci.-S.	S.-Cu. ESE
25	E	E	E	W	E	E	127.3	85.1	58.5	50.7	321.6	9	Ci.-S.	Cu.	10	------	------
26	E	E	E	SW	E	E	62.3	61.8	69.8	122.1	316	6	Ci.	Cu.	10	------	Cu.
27	E	E	ESE	SW	Calm	E	135.2	138.4	------	------	------	7	Ci.	Cu.	9	Ci.	S.-Cu. ESE
28	SE	E	E	ESE	E	E	------	------	90.4	119.1	------	9	Ci.	S.-Cu.	9	A.-S.	Cu.
29	E	E	E	W	SE	E	108.8	100.9	58.9	76.2	344.8	9	Ci.-S.	Cu.	10	Ci.	Cu.
30	E	N	SW	W	S	E	71.1	74.2	73.4	89.1	307.8	7	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
31	E	E	ESE	WSW	E	E	116.5	96.6	59.8	99.5	372.4	3	Ci.	Cu.	10	------	S.-Cu.
Mean	------	------	------	------	------	------	81.3	82.5	69.1	82.1	307.3	6.9	------	------	8.8	------	------

VIGAN.

[ϕ=17° 34′ N ; λ=120° 23′ E ; barometer above sea, 20 meters ; gravity correction not applied, −1.61 mm.]

JANUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.30	59.77	60.29	57.64	58.55	60.04	23.2	22.5	28	29	26.5	25.1	30.4	21.6	91	94	70	71	88	91	------
2	59.37	60.15	61.74	59.34	60.35	61.63	24.1	23.6	27.9	28.4	24.6	23.5	30.4	22.6	91	94	68	64	73	74	------
3	60.83	61.28	62.09	58.87	60.84	61.70	25	23.4	30.5	33.2	26.9	25.5	34.6	22.5	68	79	53	40	79	77	------
4	61.63	62.22	62.76	60.66	61.69	62.25	24.4	23.5	30.1	30.7	26.5	26	31.5	22.7	91	77	61	64	81	87	------
5	61.63	61.27	62.39	59.98	60.05	61.33	24.9	24.5	29.2	30.9	26.8	25.4	31.7	23.9	88	92	62	64	84	92	------
6	60.38	59.96	62.06	59.68	60.32	60.67	24.2	25	28.4	30	26	24	31.7	23.1	94	88	70	67	86	91	------
7	59.22	58.89	59.73	57.84	58.59	59.16	23.8	23.5	28.6	29.8	26.4	22.8	31	21.5	85	75	70	64	73	87	------
8	58.51	58.68	60.48	58.59	58.79	59.26	21.4	20	27.4?	28.4	25.5	23.4	30	19.5	90	86	54	68	77	91	------
9	58.61	58.83	59.79	57.84	58.75	59.42	22	20.5	28.1	30.3	26.6	23.9	31.6	19.9	82	86	63	61	78	88	------
10	58.62	58.66	60.28	57.89	58.25	58.75	23.4	23	30.2	29.5	26.1	23.6	31	21.5	80	81	52	64	86	95	------
11	57.54	57.81	59.38	57.15	57.40	57.84	22.5	22.9	28.9	30.1	25.9	24.5	31.5	21.4	91	79	55	64	81	88	------
12	57.79	58.47	59.51	57.28	57.56	58.04	24	23.5	29.6	30.3	25.5	23.7	31	21.8	84	87	60	63	87	94	------
13	57.54	57.66	58.76	56.69	57.09	57.77	23.5	23.1	29.5	30.6	25.1	21.9	31.4	21.6	96	82	58	55	83	93	------
14	57.62	58.63	60.17	57.90	57.82	59.03	21.5	20	26.6	27.6	25.5	22.5	29.9	19.4	93	91	68	59	71	82	------
15	58.87	59.01	59.92	57.65	58.86	59.96	21.1	20	28	30.6	26.4	26	32.4	19.7	79	85	55	47	69	51	------
16	59.19	59.91	61.25	59.60	59.85	60.80	25	25.5	28.4	28.2	25	22.6	31.8	22	54	88	43	56	72	74	------
17	59.81	60.36	61.63	59.08	59.67	60.27	23.5	22.3	29.2	29.7	24.9	22	30.8	21.4	63	68	54	56	78	85	------
18	59.62	59.47	60.84	58.40	58.97	60.24	21	20.1	28.1	28.7	27.6	26.8	30.9	18.4	82	83	56	55	51	56	------
19	59.90	60.54	61.38	58.74	59.75	60.45	25.8	22.6	29.1	30.5	28	26.3	33.2	22.3	53	69	43	50	48	50	------
20	60.64	61.02	62.03	60.13	60.32	61.20	25	24.5	29.2	29.3	26	24.1	31.4	23.5	59	60	57	57	78	79	------
21	60.09	61.09	62.05	59.67	60.23	61.24	23	22.5	29.6	28.1	26	24.3	30.1	21.9	87	91	64	62	72	82	------
22	60.50	60.87	62.50	59.64	59.43	60.78	24	23.6	27	28.6	26.4	24.3	32.4	23	79	82	72	67	82	89	------
23	59.97	60.97	61.99	59.65	59.94	61.33	26	24.5	29.1	30.1	27.2	26	31.5	22.8	65	79	64	59	75	60	------
24	61	61.49	62.14	59.70	60.10	61.24	24.1	22.4	28.5	28.7	25.5	22.6	30.5	21.2	79	88	57	64	88	90	------
25	61.27	62.46	64.04	61.79	61.58	62.69	21	21	25.1	25.5	22	20	26.5	19	88	85	67	62	75	85	------
26	61.26	61.15	62.66	60.21	60.77	62.09	18.5	19	26	27.5	25.4	24	29.7	17.7	88	81	52	54	45	49	------
27	61.41	62.31	63.56	61.30	61.80	62.90	23.2	23	27.8	29.2	25	23.9	31	22.4	50	50	40	42	76	53	------
28	62.25	62.35	63.48	61.14	60.96	61.21	23	21.3	28.3	28.5	24.4	22.1	30.3	20.7	58	66	43	50	77	78	------
29	60.45	60.94	62.39	59.85	59.82	60.60	21.5	20	27.4	27.6	24.3	21.1	29.6	19.5	69	77	52	50	70	81	------
30	60.44	61.49	62.48	59.70	60.44	61.86	20	19.1	28.2	28.5	27.4	22	29.8	18.5	81	80	39	46	46	70	------
31	61.23	61.85	62.94	59.48	59.74	61.92	21.4	22.4	28.6	30.7	26.2	25	31.5	20.2	68	58	42	36	46	50	------
Mean	59.89	60.31	61.51	59.13	59.62	60.57	23.1	22.3	28.4	29.3	25.9	23.8	31	21.2	78.3	80	56.9	57.5	73.4	77.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	0

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	EbyN	1	ENE	1	N	1	NbyW	1	N	1	Calm	----	0	Ci.	Cu.	1	A.-Cu.	Cu.
2	NNE	1	NE	1	NEbyN	1	N	2	NbyE	2	NNE	1	0	Ci.	S.-Cu.	10	Ci.-S.	S.-Cu.
3	NE	1	NW	1	NbyE	1	NE	2	S	1	NE	1	0	Ci.	Cu.	0	Ci.	Cu.
4	NNE	1	ESE	1	NbyW	1	NNW	1	NNW	1	SW	1	0	Ci.	Cu.	0	Ci.	Cu.
5	Calm	----	E	1	NNW	1	WbyN	1	NW	1	Calm	----	10	Ci.-S.	S.-Cu.	3	A.-Cu.	Cu.
6	SE	1	S	1	NNW	1	NW	1	N	1	Calm	----	8	A.-Cu.	S.-Cu.	0	Ci.	Cu.
7	Calm	----	EbyS	1	N	1	NWbyN	1	Calm	----	NE	1	0	Ci.	S.-Cu.	1	Ci.	Cu.
8	E	1	E	1	EbyN	1	S	1	NW	1	EbyN	1	0	Ci.-S.	S.-Cu.	0	Ci.-S.	Cu.
9	Calm	----	E	1	NNW	1	NW	2	NW	1	Calm	----	0	Ci.	Cu.	0	A.-Cu.	Cu.
10	ESE	1	SE	1	SSE	1	SbyW	1	SW	1	NE	1	0	Ci.	Cu.	0	Ci.	Cu.
11	EbyS	1	SE	1	NNE	1	NNW	2	N	1	NNE	1	0	Ci.	Cu.	0	Ci.	Cu.
12	E	1	ESE	1	SE	1	W	1	N	1	Calm	----	2	Ci.-S.	S.-Cu.	0	Ci.	Cu.
13	Calm	----	SE	1	SSE	1	NNW	1	N	1	Calm	----	0	Ci.-S.	S.-Cu.	0	Ci.	Cu.
14	NE	1	NEbyE	1	NNW	2	N	3	N	2	NE	2	0	Ci.	Cu.	0	Ci.	Cu.
15	NbyE	1	N	1	NE	1	WSW	1	NbyE	1	E	2	0	Ci.	S.-Cu.	0	Ci.	Cu.
16	ENE	2	NE	2	EbyS	2	NNW	2	N	1	NE	1	0	Ci.	Cu.	3	A.-Cu.	Cu.
17	E	2	SE	1	NNW	1	NbyW	2	N	1	NE	1	0	Ci.	S.-Cu.	0	Ci.	Cu.
18	EbyS	1	ESE	1	WNW	1	NbyW	2	EbyN	1	NE	2	0	Ci.-S.	S.-Cu.	0	Ci.	Cu.
19	NE	2	ESE	1	NE	2	NbyE	1	NE	1	NEbyE	2	0	Ci.	Cu.	0	Ci.	Cu.
20	ENE	1	E	1	ENE	1	NNW	1	S	1	N	1	9	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu.
21	NE	1	Calm	----	N	1	N	2	N	1	N	1	8	Ci.-S.	S.-Cu.	8	A.-Cu.	Cu.
22	NE	1	NbyE	1	N	2	NNW	2	N	1	NbyW	1	10	Ci.-S.	S.-Cu.	9	A.-Cu.	S.-Cu.
23	SE	1	NEbyE	1	Calm	----	NW	1	W	1	NE	1	2	A.-Cu.	S.-Cu.	0	A.-Cu.	Cu.
24	NbyW	1	NE	1	NNW	2	N	3	N	2	N	1	2	A.-Cu.	S.-Cu.	0	A.-Cu.	Cu.
25	NbyE	1	NNE	1	N	4	N	4	N	4	N	2	1	Ci.	Cu.	0	Ci.	Cu.
26	NbyE	1	NE	1	NNW	1	N	2	NEbyE	1	E	2	0	Ci.	Cu.	0	Ci.	Cu.
27	ENE	2	NEbyE	2	ENE	3	NW	1	NNW	1	E	1	0	Ci.	Cu.	0	Ci.	Cu.
28	EbyS	2	ESE	1	NNW	1	NW	1	NNW	1	E	1	0	Ci.	Cu.	0	Ci.	Cu.
29	EbyN	1	E	1	NE	1	NNW	2	NbyE	1	NNE	1	0	Ci.	Cu.	0	Ci.	Cu.
30	NEbyN	1	NE	1	NNE	1	NNW	2	NE	1	NbyE	1	0	A.-Cu.	Cu.	0	Ci.	Cu.
31	NE	2	NNE	1	NNE	1	E	3	NEbyE	4	NE	2	0	Ci.	S.-Cu.	0	Ci.	Cu.
Mean	------	1.1	------	1	------	1.3	------	1.7	------	1.3	------	1	1.7	------	------	1.4	------	------

VIGAN.

[φ=17° 34′ N ; λ=120° 23′ E ; barometer above sea, 20 meters ; gravity correction not applied, —1.61 mm.]

FEBRUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	61.68	62.55	64.32	61.87	62.68	64.43	24.6	24.5	27	32.1	25.9	24.2	32.5	23.6	49	46	43	33	47	51	------
2	63.45	63.75	64.69	61.92	62.20	64.07	23.9	24.1	28.1	30.1	25.4	25	30.6	23.1	52	49	45	38	48	50	------
3	63.48	63.75	64.47	61.29	61.62	63.32	24.4	23.9	28.9	31.4	27.5	25.1	32.3	23.4	50	56	41	36	46	53	------
4	62.23	62.63	63.42	60.88	60.82	61.39	24.5	21.5	29	29.2	26.4	23.5	31.3	21.3	56	69	49	51	68	87	------
5	60.58	61.28	61.83	58.98	59.28	60.55	22.6	21.7	26.9	29.6	26.6	26	32.4	21	79	78	60	58	75	76	------
6	59.49	59.44	59.91	57.22	58.20	59.35	23.6	22.4	29.2	29.9	26.9	25	31.8	21.9	80	85	58	62	83	84	------
7	58.91	59.34	60.22	58.02	58.28	58.95	24.4	23.5	29.6	30	27	25.5	31.7	22.9	92	96	67	68	82	90	------
8	58.51	59.26	60.27	58.49	58.56	58.92	25.5	24.9	29.1	29.1	24.5	23	30.5	22	92	91	75	70	87	91	------
9	58.14	58.04	58.51	56.81	57.23	58.23	21.8	21.6	29.1	30.5	28	24.5	31.6	20.7	85	96	65	64	74	87	------
10	58.08	59.09	60.18	57.69	57.73	58.08	24.1	23.9	28.5	28.6	26.8	25.2	32	22.3	79	80	68	70	83	83	------
11	58.29	59.06	60.15	57.63	57.93	58.75	23	22.1	29.9	30.6	26.4	26.9	32.2	21.4	96	96	58	52	76	53	------
12	58.44	58.98	59.96	57.91	58.50	59.31	25.5	25	29	28	24	23.5	29.5	22.3	59	66	55	61	85	88	0.3
13	59.27	59.75	60.60	58.31	58.74	59.44	24	24.4	28.8	27.4	26	24.4	30.4	22.5	83	75	64	70	76	83	------
14	59.20	59.54	60.54	58.74	59.38	59.73	24.2	25.6	28.6	28.9	26.5	26.3	31.9	23	86	64	60	67	76	80	------
15	58.96	59.49	60.32	57.78	58.48	59.63	23.9	23.5	31.4	30.4	26.9	24.8	32.4	22.9	87	87	52	57	76	89	------
16	59.25	59.83	60.32	58.24	58.50	59.37	25	24.5	30	29.6	26.9	24	32.4	23	88	88	64	57	70	86	------
17	58.44	58.77	59.79	57.74	57.95	58.88	23.8	22.5	29	29	26	23.9	31.4	22	83	87	61	61	76	84	------
18	58.26	58.99	60.04	57.49	57.57	58.65	22.5	21.5	30	30	26.7	27	31.7	21	86	88	55	53	67	69	------
19	58.50	59.53	60.97	59.18	59.75	60.49	26	24.6	31.4	30.9	26.8	25	32.9	23.9	62	67	52	59	77	83	------
20	60.01	60.55	61.72	59.63	60.22	61.18	23.8	23.1	31	30.5	26.5	23.8	33	22.4	81	82	48	63	76	86	------
21	59.89	60.45	61.13	59.24	59.93	60.67	23.5	23.1	29.9	30.2	27.1	25.5	32.5	22	80	82	53	60	72	80	------
22	60.20	60.29	61.15	58.76	58.78	59.96	24.9	24.5	30	30.6	28	24	32.2	23	83	87	55	58	68	86	------
23	60.35	61.03	61.79	59.13	58.96	59.79	22.9	22.1	29	28	25.8	23.9	31.5	21.1	83	83	61	68	79	82	------
24	59.46	59.76	61.13	58.92	59.07	59.34	23.1	24	30.5	29.9	27.2	26	31.4	21.8	83	78	53	64	76	81	------
25	58.75	58.79	60.20	58.07	58.65	59.55	24.5	23.8	29.2	30.4	27.3	25.5	31.5	23.2	83	85	64	58	71	83	------
26	59.12	60.22	61.05	58.67	58.45	59.20	24	22.5	28.5	29.4	26.5	24.6	31.8	22.1	88	94	62	62	75	83	------
27	58.65	58.84	59.74	57.77	57.33	58.25	24.4	22.4	30.7	30.8	27.5	24.2	32.1	21.4	84	84	52	57	64	81	------
28	58.20	58.29	59.24	57.58	57.54	58.67	23	22.5	30.1	30.5	27.4	25	32.2	22	83	87	64	59	74	89	------
Mean	59.56	60.05	60.99	58.71	59.01	59.93	24	23.3	29.4	29.8	26.6	24.8	31.8	22.3	78.3	79.5	57.3	58.4	72.4	79.2	------
Total	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	0.3

Day.	Wind. 2 a. m. Direction.	Force.	6 a. m. Direction.	Force.	10 a. m. Direction.	Force.	2 p. m. Direction.	Force.	6 p. m. Direction.	Force.	10 p. m. Direction.	Force.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
		0-12		0-12		0-12		0-12		0-12		0-12	0-10			0-10		
1	NE	2	NEbyE	2	NNE	2	NE	2	NEbyN	2	NbyE	2	2	A.-Cu.	Cu.	1	Ci.-S.	Cu.
2	N	2	NE	1	NE	2	NEbyE	4	ENE	5	NEbyE	4	0	Ci.	S.-Cu.	1	Ci.-S.	Cu.
3	NEbyE	1	ENE	1	NE	3	NE	3	E	1	NE	1	1	Ci.	S.-Cu.	1	Ci.	Cu.
4	ENE	1	ENE	1	NW	1	NNW	2	NbyW	1	Calm	----	0	Ci.	S.-Cu.	0	Ci.	Cu.
5	N	1	NbyE	1	NbyW	1	N	2	N	1	NbyE	1	1	A.-Cu.	S.-Cu.	8	A.-Cu.	Cu.
6	N	1	NE	1	NbyE	1	N	2	S	1	NNE	1	0	A.-Cu.	S.-Cu.	1	A.-Cu.	Cu.
7	Calm	----	NE	1	NNW	1	SW	1	WbyN	1	Calm	----	0	Ci.-S.	S.-Cu.	0	Ci.	Cu.
8	S	1	Calm	----	WNW	1	N	2	NbyE	2	NNE	1	10	A.-Cu.	S.-Cu.	1	A.-Cu.	Cu.
9	NE	1	NW	1	NNW	1	SW	1	S	1	Calm	----	0	Ci.	S.-Cu.	0	Ci.	Cu.
10	E	1	E	1	NNW	1	NW	1	N	1	N	1	2	A.-Cu.	Cu.	1	A.-Cu.	Cu.
11	Calm	----	NbyW	1	NWbyW	1	NWbyN	2	NbyE	1	NE	2	0	Ci.	S.-Cu.	0	Ci.	Cu.
12	ENE	2	NE	1	SW	1	WbyN	1	N	1	NE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
13	E	1	ESE	1	NbyW	1	NbyW	1	N	1	NE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
14	Calm	----	S	1	NNE	1	NbyW	2	N	1	Calm	----	7	A.-Cu.	S.-Cu.	8	A.-Cu.	Cu.
15	EbyS	1	E	1	S	1	SW	1	N	1	NbyE	1	10	A.-Cu.	S.-Cu.	0	Ci.	Cu.
16	Calm	----	ESE	1	WbyN	1	NW	2	N	1	NE	1	10	Ci.-S.	S.-Cu.	0	Ci.	Cu.
17	NbyE	1	ENE	1	N	1	N	2	N	2	NbyE	1	0	Ci.	Cu.	0	A.-Cu.	Cu.
18	NEbyN	1	NE	1	NNE	1	NW	2	N	1	E	1	0	Ci.	Cu.	0	Ci.	Cu.
19	Calm	----	SE	1	ESE	1	WbyN	1	N	1	NE	1	0	A.-Cu.	Cu.	0	Ci.	Cu.
20	ENE	1	E	1	E	1	NW	1	N	1	NE	1	0	Ci.	Cu.	0	Ci.	Cu.
21	Calm	----	E	1	ENE	1	W	1	NbyW	1	NE	1	0	Ci.	S.-Cu.	1	Ci.	Cu.
22	NE	1	SSE	1	S	1	SW	1	NW	1	NE	1	1	Ci.	Cu.	0	A.-Cu.	Cu.
23	N	1	NEbyE	1	NE	1	NWbyW	2	NbyE	2	N	1	1	Ci.	Cu.	0	Ci.	Cu.
24	NbyE	1	SE	1	S	1	NW	1	NWbyW	1	E	1	9	Ci.-S.	S.-Cu.	0	Ci.	Cu.
25	SE	1	SSE	1	SSW	1	SW	2	WNW	1	N	1	0	Ci.	S.-Cu.	0	A.-Cu.	Cu.
26	N	1	N	1	NNW	1	NbyW	2	NbyE	2	NNE	1	0	Ci.	Cu.	0	Ci.	Cu.
27	E	1	EbyS	1	SSE	1	SW	2	NbyW	1	Calm	----	0	Ci.	Cu.	0	------------	Cu.
28	Calm	----	EbyN	1	NNW	1	WbyS	1	NbyW	1	Calm	----	0	Ci.	Cu.	0	Ci.	Cu.
Mean	-------	0.9	-------	1	-------	1.1	-------	1.7	-------	1.3	-------	1	2.6	------------	------------	1.5	------------	------------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 20 meters; gravity correction not applied, −1.61 mm.]

MARCH, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.36	58.92	60.09	57.85	57.50	58.14	24.1	23	31.6	30	27.8	26.6	32.3	22.7	90	95	54	62	76	87	------
2	57.20	58.15	58.70	56.52	57.09	58	26.2	24.5	30	30.9	27	23.6	32.6	22.6	72	80	59	57	69	75	------
3	57.89	58.87	60.12	57.72	57.59	58.76	22.7	23	29.5	30.4	26.7	23	31.5	21.7	81	82	64	51	72	88	------
4	58.30	58.80	60.35	57.94	57.87	58.49	21.6	19.9	28.7	30.1	26.6	24.8	32	19.8	91	91	58	52	67	69	------
5	58.40	59.77	61.05	58.97	58.39	59.26	24.1	24.1	28.4	28.9	24.9	22.8	31.6	21.6	70	74	67	58	76	80	------
6	59.10	60.71	61.93	58.84	58.84	60.26	22	20.9	27.3	28.3	24.6	22.1	29.4	20.2	83	86	60	58	75	85	------
7	59.42	59.80	61.19	58.68	58.38	59.81	22	21.1	27.4	29	26	24	31	20.7	74	75	54	58	76	88	------
8	59.36	60.30	61.52	58.59	58.93	60.80	25.5	21.4	29.6	29.7	28.1	26	32	21	58	87	49	48	67	69	------
9	59.64	60.43	61.72	59.98	59.97	61.30	24	23.9	29	30.4	27.5	26.2	31.8	22.8	83	72	60	58	64	71	------
10	60.74	61.47	62.78	60.72	60.23	61.50	25.2	24.1	29.5	29	26	24.4	31.8	23.5	76	78	68	63	80	87	------
11	60.87	61.39	62.68	60.49	60.43	61.73	23.6	23.2	27.4	30.5	26.5	25.2	31.5	22.4	90	90	64	62	73	76	------
12	61.25	61.58	61.91	59.74	59.27	60.42	24.4	23.2	29.5	30.4	26.5	25	31.5	22.5	76	81	64	62	83	92	------
13	59.99	60.43	61.53	59.47	59.58	61.27	23	24	30.6	30.2	27	25.2	31.5	22.4	91	80	55	63	80	87	------
14	60.94	60.93	61.59	60.09	60.17	61.73	24	23.1	31	29	26.3	25	31.4	22.5	87	92	58	71	78	84	------
15	60.55	60.85	61.79	59.73	59.73	60.75	24	23.6	30	30.1	27	26	31.9	23.2	83	86	65	63	81	87	------
16	59.24	58.79	59.50	57.77	57.87	58.56	24.8	22.6	29.2	30.1	26.2	23.8	31.4	21.9	85	94	71	68	82	93	------
17	57.62	57.69	58.29	55.91	56.27	57.40	25	27.2	31.8	30.9	28.5	27.1	34.5	22.9	76	46	37	43	51	59	------
18	55.94	56.49	57.59	55.69	55.19	56.94	25	24	29	28.4	26.9	25	33.1	23.2	68	80	64	71	73	76	------
19	56.50	57.05	58.08	56.47	56.48	58.66	23.5	23.2	30	30	26.1	25.3	31.7	22.5	86	88	67	67	85	93	6.3
20	58.30	59.30	60.48	58.30	58.24	60.13	24.9	24	29.5	29	27.2	26	31.5	23.4	99	99	71	71	79	88	------
21	59.30	59.66	61.23	58.56	58.73	59.55	25	24.6	28	31.5	28	25.8	33	24	92	95	82	66	78	92	------
22	58.89	58.99	60.43	58.21	58.88	59.62	25.3	25.5	31.6	31.4	27.2	26	32.8	23.5	88	88	63	65	73	79	------
23	58.88	58.83	60.43	58.31	58.80	60.30	25.7	24.2	29.8	29.4	27.5	26.3	31.5	23.5	81	93	63	68	73	80	------
24	58.90	59.91	61.23	59.07	59.17	61.01	25	24.5	31.4	30.3	28	26.6	32.9	23.8	83	86	60	68	70	80	------
25	60.42	61.03	62.08	60.17	61.34	61.93	25	24.5	32	32.2	27.9	24.9	33	23.7	84	87	64	59	66	83	------
26	61.02	61.82	62.84	60.48	60.54	61.97	24.3	24.1	32.1	31.5	27.9	27.1	33.9	23.6	85	85	60	63	83	91	------
27	61.03	60.68	61.67	59.42	59.16	60.03	25.5	24.9	31	31	28.2	26	32.5	24.4	88	91	58	63	74	85	------
28	58.83	59.57	60.96	58.86	59.13	59.85	24.1	22.9	30.5	30	28	25.9	32.4	22.4	92	90	59	64	72	80	------
29	58.71	59.10	60.57	59.01	59.23	59.70	24.3	24	31	32.1	27.7	25.4	33.1	23.5	87	87	53	51	70	84	------
30	58.74	59	59.04	58.41	58.45	59.64	24.9	23.7	32.1	31.6	27.4	26.3	33.6	23.3	83	77	39	51	77	84	------
31	58.29	58.46	58.86	57.15	57.65	59.05	25	24.7	32.1	31.7	28.4	28	33.1	24.2	83	86	51	59	77	86	4.6
Mean	59.12	59.64	60.72	58.62	58.68	59.89	24.3	23.6	30	30.3	27.1	25.3	32.2	22.7	82.7	84.5	60	60.7	74.2	82.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	10.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	NEbyE	1	Calm	----	NNE	1	NWbyN	2	NW	1	S	1	0	Ci.	Cu.	0	Ci.	Cu.
2	SbyE	1	SSE	1	SSE	1	W	2	NbyW	1	N	1	0	Ci.	Cu.	0	Ci.-S.	Cu.
3	E	1	E	1	NNW	1	N	2	N	1	NbyE	1	4	Ci.-S.	S.-Cu.	0	A.-Cu.	Cu.
4	NEbyN	1	NE	1	SW	1	NbyW	1	N	1	EbyS	1	0	Ci.	Cu.	0	Ci.	Cu.
5	SE	1	E	1	NNW	1	NbyW	2	N	2	NE	1	1	Ci.-S.	S.-Cu.	0	Ci.	Cu.
6	NbyE	1	N	1	NbyE	1	N	2	NbyW	2	N	2	0	Ci.	S.-Cu.	0	Ci.	Cu.
7	NEbyN	1	NbyW	1	NNW	2	NWbyN	2	N	1	Calm	----	1	Ci.-S.	S.-Cu.	0	Ci.-S.	Cu.
8	NE	1	N	1	N	1	NW	2	Calm	----	Calm	----	0	Ci.	S.-Cu.	0	Ci.-S.	Cu.
9	E	1	EbyS	1	NNE	1	NW	2	SW	1	SE	1	9	A.-Cu.	S.-Cu.	0	A.-Cu.	Cu.
10	Calm	----	EbyS	1	NNW	1	NbyW	2	NbyE	2	NW	1	9	Ci.-S.	S.-Cu.	0	Ci.	Cu.
11	Calm	----	EbyN	1	SW	1	NW	2	NWbyN	1	ENE	1	9	Ci.-S.	S.-Cu.	0	Ci.	Cu.
12	NEbyE	1	Calm	----	NNW	1	NW	2	NWbyN	1	Calm	----	1	A.-Cu.	Cu.	0	Ci.	Cu.
13	E	1	ESE	1	S	1	SW	2	N	1	Calm	----	7	Ci.-S.	S.-Cu.	1	Ci.	Cu.
14	Calm	----	E	1	NNW	2	N	2	N	1	NEbyN	1	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.
15	NNE	1	NE	1	W	1	WbyN	2	NWbyN	1	Calm	----	7	Ci.-S.	S.-Cu.	0	Ci.-S.	Cu.
16	Calm	----	E	1	WSW	1	NW	2	S	1	Calm	----	3	Ci.-S.	S.-Cu.	4	A.-Cu.	Cu.
17	NNE	2	NE	3	NE	3	N	2	NE	4	NEbyE	1	9	Ci.-S.	S.-Cu.	4	Ci.	Cu.
18	NEbyN	1	N	1	NNE	2	NbyW	4	N	4	N	1	10	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu.
19	Calm	----	NNE	1	S	1	WNW	1	N	1	N	1	10	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
20	SE	1	SSE	1	SbyW	1	N	2	NNW	1	NE	1	10	Ci.-S.	Cu.-N.	1	Ci.	Cu.
21	Calm	----	NEbyE	1	WSW	1	NW	1	N	1	NNE	1	8	A.-Cu.	S.-Cu.	2	A.-Cu.	Cu.
22	E	1	ESE	1	SSW	1	NW	2	EbyS	1	E	1	9	Ci.-S.	S.-Cu.	2	A.-Cu.	Cu.
23	ESE	1	NbyE	1	NNW	1	NWbyN	3	NE	2	EbyN	1	4	A.-Cu.	Cu.	3	Ci.	Cu.
24	E	1	EbyS	1	NW	2	NW	2	E	1	E	1	2	Ci.	Cu.	1	Ci.	Cu.
25	ENE	1	E	1	NNW	1	NWbyW	2	E	1	E	1	1	Ci.	S.-Cu.	0	Ci.	Cu.
26	SE	1	ESE	1	S	1	NW	2	NWbyN	1	NNW	1	0	Ci.	Cu.	0	Ci.	Cu.
27	Calm	----	ESE	1	SbyW	1	W	1	NW	1	NWbyN	1	1	Ci.	S.-Cu.	2	A.-Cu.	Cu.
28	Calm	----	E	1	NW	1	NWbyW	2	N	1	NEbyN	1	1	Ci.	S.-Cu.	1	A.-Cu.	Cu.
29	NE	1	ESE	1	SSE	1	NbyW	2	N	1	NbyE	1	0	Ci.	Cu.	0	Ci.	Cu.
30	E	1	Calm	----	NNE	1	SWbyW	1	NWbyN	1	Calm	----	0	Ci.	Cu.	0	Ci.	Cu.
31	ENE	1	E	1	NNE	1	SW	1	W	1	Calm	----	1	Ci.	Cu.	0	Ci.	Cu.
Mean	-------	0.8	-------	1	-------	1.2	-------	1.9	-------	1.3	-------	0.8	3.8	-------	-------	1.1	-------	-------

VIGAN.

[ϕ=17° 34′ N ; λ=120° 23′ E ; barometer above sea, 20 meters ; gravity correction not applied, —1.61 mm.]

APRIL, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.18	58.58	59.41	57.83	58.08	59.98	25.2	24	31.2	32.5	28.1	26.3	33.6	23.6	91	91	57	47	73	82	------
2	59.35	59.96	60.28	58.34	58.33	59.43	25.9	24.4	31.7	30.5	28	26.3	32.8	24	84	84	52	62	71	79	------
3	58.60	59.71	60.22	58.24	58.04	58.78	25.5	25	31.1	31.5	28.9	26.1	33.1	24.6	80	83	59	62	67	76	------
4	58.44	58.46	59.46	57.78	57.46	58.49	25.5	25.3	30.5	31.6	29	27.1	33.1	24.8	82	85	65	59	64	78	------
5	58.04	58.51	59.61	57.43	57.79	59.11	25	25.8	32	32.3	29.1	28	34.3	24	78	75	53	50	76	77	------
6	58.72	59.28	60.55	57.75	57.32	59.03	27.1	26	31	32	29.9	28.5	33	25.6	72	78	64	60	73	73	------
7	58.42	59.14	60.37	58.13	58.29	59.96	27	26.3	31.1	31.7	28.5	27	33.6	25.9	70	70	56	62	62	78	------
8	58.74	59.38	60.46	57.93	57.47	58.88	26	25.5	31.4	31.7	28.2	27.2	33.5	24.8	80	76	56	60	75	84	------
9	57.89	58.32	59.62	57.73	57.61	58.47	27	25.7	31.4	31	29	26.5	32.6	25.4	78	84	62	65	71	84	------
10	58.09	59.13	60.24	58.02	57.93	59.50	26.1	25.8	30.8	31.9	28.1	26	33.2	24	76	79	61	54	77	85	------
11	58.16	58.55	59.74	58.45	58.01	59.16	24.4	23	32.1	31	28	25	34	22.4	82	83	47	50	70	80	------
12	58.41	58.34	59.87	57.46	57.37	59.04	23.2	24.1	30.2	32.5	28.6	25.6	33.9	22.7	81	81	58	52	67	79	------
13	57.68	58.96	60.10	58.50	58.46	59.87	23.6	23.9	31.5	33.5	29.9	27.4	34.4	23	83	88	52	51	69	78	------
14	58.87	59.40	60.58	59.11	59.53	60.46	26.4	26.1	32.6	32.5	28.5	26.2	34.2	25.5	66	67	54	58	68	85	------
15	59.54	60.17	61.46	60.01	60.08	60.46	26	25.5	31.9	32.2	29.5	26.5	33.9	24.5	76	80	56	64	63	76	------
16	58.90	59.32	60.47	58.80	58.86	59.80	25.6	25	32.9	32.1	28.5	26.5	33.9	24.4	80	83	53	60	74	84	------
17	58.40	58.96	59.69	57.66	57.38	59.08	25.1	24.4	32.4	33	28.5	26.9	34.1	23.7	83	86	55	55	74	84	------
18	57.54	57.71	57.97	56.17	56.25	58.13	25.3	24	31.9	31.1	27.6	26	34	23.2	81	87	61	56	76	84	------
19	57.25	57.67	58.24	56.02	56.27	57.68	24.5	23	31	32.4	28.3	26.1	33.1	22.6	87	95	54	52	75	90	------
20	57.38	57.42	57.95	56	56.12	58.03	26.2	26	31.9	32.4	29	28	33.9	25	75	76	58	60	72	74	------
21	56.82	56.95	58.39	55.78	56.31	57.70	26.5	25.9	31.6	30.5	29	26.9	32.9	25.1	80	81	62	68	75	84	------
22	56.54	57.15	57.70	56.11	56.21	57.52	26.1	25	32.8	33	29.5	27.7	34.5	24.3	77	86	53	53	68	70	------
23	56.94	57.39	58.20	56.35	56.41	57.86	26.1	25.5	33	32.4	28.1	26.4	34.7	25	76	76	55	61	80	84	------
24	56.62	56.48	57.87	56.41	56.87	57.86	26	25.9	33	32.5	28.4	27.4	34.2	24.9	79	78	55	63	85	87	1
25	57.32	57.44	58.41	56.97	57.58	58.40	27	25.9	30	27.5	23.8	24	32	23.4	84	88	68	84	98	97	78.7
26	57.35	57.55	59.77	58.52	58.45	59.19	24.5	26.2	28.1	31.4	27.1	26.5	32.4	23.5	91	77	77	59	84	85	------
27	58.68	59.46	60.38	58.65	58.72	59.74	25.4	25.1	31.2	31.4	29.1	27	32.9	24.5	86	83	61	60	74	78	------
28	59.04	59.56	60.30	58.77	59.10	60.14	25.8	25	32.1	33	29.6	27.6	33.9	24.4	81	83	51	59	71	80	------
29	59.35	59.48	60.73	59.77	59.01	60.12	27	26.4	31.6	29.6	28.4	26.1	32.6	25.2	78	82	65	74	71	81	------
30	59.04	59.91	60.43	59.12	58.93	59.76	25.1	25	31.1	31.3	29.5	27.6	32.8	24.3	83	82	60	59	66	76	------
Mean	58.14	58.61	59.62	57.79	57.81	59.05	25.7	25.2	31.5	31.7	28.5	26.7	33.5	24.3	80	81.6	58	59.3	73	81.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	79.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	ESE	1	E	1	N	1	NW	2	NWbyN	1	NE	1	0	A.-Cu.	S.-Cu.	0	Ci.	Cu.
2	NE	1	E	1	W	2	WNW	2	N	1	NEbyN	1	0	Ci.	Cu.	1	Ci.	Cu.
3	SE	1	ESE	1	SW	1	NWbyW	1	E	1	Calm	----	3	A.-Cu.	S.-Cu.	1	A.-Cu.	Cu.
4	ENE	1	EbyS	1	W	2	W	2	N	1	Calm	----	9	Ci.-S.	S.-Cu.	1	A.-Cu.	Cu.
5	ESE	1	E	1	NW	1	W	2	N	1	Calm	----	1	A.-Cu.	Cu.	0	A.-Cu.	Cu.
6	E	1	NE	1	NNW	3	NWbyN	1	NW	1	SE	1	3	Ci.	Cu.	1	A.-Cu.	Cu.
7	ESE	1	SEbyS	1	SW	2	NWbyW	3	NW	2	NE	1	0	Ci.	Cu.	0	------------	Cu.
8	SE	1	SSE	1	SSW	1	WbyN	2	NbyW	1	Calm	----	0	------------	S.-Cu.	0	------------	Cu.
9	Calm	----	SSE	1	S	2	SSW	2	NW	1	NbyE	1	0	Ci.	Cu.	1	Ci.	Cu.
10	ESE	1	E	1	SSE	1	W	1	NbyW	1	N	1	9	Ci.-S.	S.-Cu.	0	------------	Cu.
11	NE	1	NE	1	S	1	NWbyN	3	N	2	NNE	1	0	Ci.-S.	Cu.	0	A.-Cu.	Cu.
12	E	1	SSE	1	WbyS	1	NNW	1	NW	1	NE	1	0	Ci.-S.	Cu.	1	A.-Cu.	Cu.
13	NE	1	SSE	1	SSE	1	W	1	NbyW	1	Calm	----	0	Ci.	S.-Cu.	2	A.-Cu.	Cu.
14	SE	1	SE	1	WbyN	2	NNW	1	N	1	Calm	----	2	A.-Cu.	S.-Cu.	0	A.-Cu.	Cu.
15	ENE	1	E	1	S	1	W	2	EbyN	1	E	1	0	Ci.	S.-Cu.	7	A.-Cu.	Cu. WNW
16	ESE	1	E	1	SSW	1	W	2	N	1	NE	1	0	Ci.	Cu.	1	A.-Cu.	Cu.
17	Calm	----	NE	1	WbyN	1	W	2	N	1	N	1	2	A.-Cu.	Cu.	0	A.-Cu.	Cu.
18	E	1	Calm	----	W	1	N	1	NbyE	1	NNE	1	0	A.-Cu.	Cu.	0	Ci.	Cu.
19	ESE	1	Calm	----	NW	2	NNW	3	N	1	SE	1	0	Ci.	Cu.	0	Ci.	Cu.
20	ENE	1	E	1	SW	1	W	1	NNW	1	SW	1	1	Ci.	Cu.	0	Ci.	Cu.
21	E	1	ESE	1	SSE	1	SW	1	W	1	NE	1	4	Ci.	Cu.	9	Ci.-S.	S.-Cu.
22	ENE	1	E	1	SW	1	NNW	2	N	1	EbyS	1	1	A.-Cu.	Cu.	1	Ci.-S.	Cu.
23	Calm	----	E	1	NNW	2	NW	2	E	1	SE	1	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
24	N	1	SE	1	WbyN	1	WbyS	1	Calm	----	SE	1	3	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.
25	E	1	ESE	1	NNW	1	S	1	EbyN	1	NE	1	9	Ci.-S.	N.	10	Ci.-S.	N.
26	EbyS	1	SSE	1	SSE	1	S	1	Calm	----	E	1	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
27	E	1	E	1	SbyW	1	SW	1	S	1	E	1	2	Ci.-S.	Cu.	2	Ci.	Cu.
28	ENE	1	ESE	1	SW	1	WbyN	1	N	1	NE	1	1	A.-Cu.	Cu.	2	Ci.	Cu.
29	ESE	1	S	1	S	1	N	1	E	1	E	1	6	A.-Cu.	S.-Cu.	7	A.-Cu.	Cu.
30	EbyS	1	EbyS	1	SW	1	W	1	NW	1	NbyE	1	0	Ci.	Cu.	0	------------	Cu.
Mean	-------	0.9	-------	0.9	-------	1.3	-------	1.6	-------	1.0	-------	0.8	2.2	------------	------------	2.2	------------	------------

VIGAN.

[ϕ=17° 34′ N ; λ=120° 23′ E ; barometer above sea, 20 meters ; gravity correction not applied, —1.61 mm.]

MAY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.68	59.92	60.45	58.56	57.89	59.11	26	25.4	31.4	32.4	28.7	27	33.5	24.6	80	84	60	58	79	86	------
2	58.20	58.86	59.27	57.41	57.14	59.04	25.4	25	31.3	31.6	29.5	27	32.9	24	88	83	60	63	68	83	------
3	57.87	58.25	59.24	57.25	56.88	58.53	26.3	25.6	30.9	32.2	29.4	27.4	33.2	25.1	86	90	66	57	68	78	------
4	58.10	58.68	58.98	57.21	57.36	58.78	26.1	25.6	32	32.8	29.5	28.3	33.5	24.8	76	77	58	56	72	82	------
5	57.51	58.25	58.88	57.02	56.34	57.38	27.4	26.5	33.1	32	30.7	29.1	34.6	25.9	67	74	47	63	58	54	------
6	56.51	56.82	57.35	54.55	54.95	55.64	26.6	25.6	32.2	32.2	29.6	27.2	34.9	24.9	65	67	50	59	70	78	3.3
7	53.95	54.59	55.21	53.77	53.89	54.46	26.1	24	26.9	28.4	27.9	27.4	29.5	23.5	86	96	81	88	78	81	10.2
8	54.04	54.16	56.12	55.38	55.38	56.48	27.4	27.3	29.6	29.5	28.1	25.9	30.7	25.3	83	82	75	72	77	92	------
9	56.02	56.14	57.09	55.60	55.53	57.13	25.8	25.6	31.1	31	28.4	26	32.6	24.2	78	81	60	62	73	87	------
10	56.60	56.93	57.86	56.23	55.92	57.39	24.3	24.5	31.7	31.9	29	25.5	33.1	23.3	89	87	58	61	71	92	------
11	57.20	57.55	58.96	57.35	56.48	57.38	25.1	25.5	29.5	31.5	28.5	26	32.8	23.9	90	88	72	62	67	84	------
12	56.48	57.63	58.96	57.10	56.78	58.24	25.4	25.2	30.6	32.1	29.3	27	33.4	24.8	84	86	68	57	70	83	------
13	57.05	57.93	58.37	56.27	56.07	57.58	27.2	26.3	29.5	32.5	29.1	27.4	33.4	25.4	76	83	70	63	70	81	------
14	56.67	57.37	58.23	56.70	56.36	57.31	27.4	26.9	30.3	32.1	30.4	27.3	33.4	26.1	85	89	70	63	65	78	------
15	56.92	57.97	58.70	56.99	56.75	57.76	26.6	26.1	32	32	29.9	27.6	33.6	25.4	80	83	63	64	70	84	------
16	57.36	58.35	58.73	57.05	56.93	57.84	26.4	26	32.1	32.4	29.6	25.4	34	25	90	85	60	59	58	77	------
17	57.40	58.02	58.36	57.15	56.94	58.03	24.3	25	31	31.5	28.7	26	33.5	23.3	81	80	62	54	73	88	------
18	57.55	58.21	58.71	57.61	57.68	59.18	24.9	24.9	31.2	32	29.9	27.1	33.6	24	80	76	55	57	67	83	------
19	57.98	58.15	58.88	57.64	57.53	60.14	26	25.1	31.6	32.5	31	25.4	33.6	24.4	82	81	56	60	64	93	12.2
20	59.14	59.88	59.92	58.51	58.66	60.92	25.9	24.9	27.6	29.4	28.8	26.5	31.3	23.5	92	91	68	68	75	85	------
21	59.22	59.41	59.70	58.13	58.37	60.64	25.5	25	31.2	31	29.7	24.5	33.3	23.7	88	84	61	66	69	95	21
22	59.58	59.50	59.34	57.36	57.37	58.33	25.3	24.7	28.6	31	28.4	26	32.8	23.4	94	94	76	68	77	81	14.3
23	57.59	56.86	57.88	56.09	56.68	57.69	25	24.4	28.7	29.7	25.4	24.3	31.9	23.4	88	93	76	74	93	93	31.8
24	56.24	55.81	56.43	55.56	55.26	55.76	24.2	23.8	27.4	25.5	24	24.4	28.1	23	94	93	74	92	93	92	72.6
25	54.01	53.90	54.01	52.82	51.53	54.63	23.4	22.9	23.5	23	24.9	24.2	25.4	22.4	95	97	91	97	98	98	193.7
26	54.07	55.05	56.08	55.40	55.41	57.31	25.8	25.3	25.9	25.9	26.4	24.9	27.9	23.8	93	98	98	97	94	96	17.1
27	55.06	55.25	56.84	55.49	55.28	56.95	24	24.3	28.5	28.6	28.8	25	29.9	23.4	96	94	79	80	79	95	8.4
28	55.71	55.44	56.55	55.69	55.95	57.01	24.6	24.1	28.9	25.9	25.4	25	29.5	23.9	95	97	78	94	95	91	13.3
29	56.11	56.58	58.39	56.65	57.74	58.33	25.6	25.1	25.1	24.8	25.4	26	26.8	24.1	91	91	91	92	86	82	10.2
30	57.44	57.32	58.67	57.50	58.20	58.42	26.1	24.6	28.6	29.2	25.5	25	30.3	24.3	76	91	75	79	84	88	------
31	57.71	58.20	58.83	57.48	57.44	59.28	24.6	24.9	28.5	29.2	28.4	24	31	24	88	85	74	81	84	95	28.7
Mean	56.90	57.32	58.10	56.57	56.47	57.83	25.6	25.2	29.7	30.2	28.3	26.1	31.9	24.2	85	86.5	68.8	69.9	75.6	85.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	436.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	SbyE	1	S	1	NW	2	N	1	NE	1	0	Ci.	Cu.	0	------------	Cu.
2	NbyE	1	ESE	1	S	1	NW	2	N	1	NE	1	0	Ci.	Cu.	0	Ci.	Cu.
3	E	1	NE	1	WbyS	1	N	2	N	3	Calm	----	1	A.-Cu.	Cu.	1	Ci.	Cu.
4	ESE	1	SEbyE	1	SSW	1	W	1	NbyW	1	ESE	1	0	Ci.-S.	Cu.	2	Ci.-S.	Cu.
5	ENE	1	E	1	EbyS	1	NbyW	2	N	1	Calm	----	0	Ci.-S.	Cu.	1	Ci.	Cu.
6	ENE	1	NE	1	NbyW	1	N	3	NbyE	2	NNE	1	0	Ci.	Cu.	3	Ci.-S.	Cu.
7	Calm	----	NbyE	1	NNE	1	NNW	4	NNW	4	NbyW	3	10	Ci.-S.	Cu.-N. NNE	9	Ci.-S.	Cu.
8	NW	2	WNW	3	WNW	3	W	2	WbyN	1	E	1	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
9	ENE	1	EbyS	1	SbyW	1	W	1	N	1	Calm	----	0	Ci.-S.	Cu.	0	Ci.-S.	Cu.
10	E	1	EbyS	1	W	1	WbyS	2	NbyW	1	Calm	----	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
11	Calm	----	EbyN	1	NbyE	1	WbyS	1	N	1	Calm	----	9	A.-Cu.	S.-Cu.	2	A.-Cu.	Cu.
12	NE	1	EbyS	1	S	1	NWbyW	1	NNW	1	NbyE	1	9	A.-Cu.	S.-Cu.	1	Ci.-S.	Cu.
13	SE	1	NE	1	NNW	1	NbyW	1	N	1	N	1	9	A.-Cu.	S.-Cu.	3	A.-Cu.	Cu.
14	NE	1	SSE	1	S	1	SW	2	S	1	Calm	----	8	A.-Cu.	S.-Cu.	1	A.-Cu.	Cu.
15	E	1	EbyS	1	S	1	SW	1	N	1	Calm	----	1	A.-Cu.	Cu.	1	A.-Cu.	Cu.
16	Calm	----	ESE	1	S	1	WbyN	1	NbyE	1	NNE	1	1	Ci.	Cu.	1	A -Cu.	Cu.
17	NE	1	E	1	SSE	1	W	1	N	1	NbyE	1	2	Ci.-S.	Cu.	1	Ci.	Cu.
18	E	1	ESE	1	SSW	1	W	1	NbyW	1	NNE	1	0	Ci.	Cu.	0	Ci.-S.	Cu.
19	E	1	EbyS	1	S	1	WbyS	1	SW	1	SE	1	0	A.-Cu.	Cu.	1	Ci.-S.	Cu.
20	NbyE	1	SE	1	S	1	SbyW	1	SW	1	SbyW	1	9	A.-Cu.	N.	3	A.-Cu.	Cu.
21	SE	1	Calm	----	NNW	1	SW	2	Calm	----	NE	1	4	A.-Cu.	Cu.	3	Ci.	Cu.
22	Calm	----	NE	1	NNE	1	WbyN	1	NNE	1	EbyS	1	10	------------	N.	2	A.-Cu.	Cu.
23	ESE	1	EbyN	1	SSE	1	S	1	S	1	SbyE	1	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
24	ESE	1	EbyS	1	SSE	1	SbyE	1	SSE	1	SE	1	10	------------	N.	10	------------	N.
25	SSE	1	SE	2	SbyE	1	SSE	1	S	4	S	1	10	------------	N.	10	------------	N.
26	SbyW	1	S	3	SSW	1	S	1	SW	1	SbyE	1	10	------------	N.	10	------------	N.
27	SE	1	EbyS	1	SSE	1	SbyW	1	WbyS	1	SSE	1	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
28	SE	1	SSE	1	SSW	2	SSW	3	S	1	SSE	1	4	A.-Cu.	Cu.-N.	10	------------	N.
29	SE	1	SSE	1	SbyE	1	S	2	SbyE	1	S	2	10	------------	Cu.-N.	10	------------	N.
30	SSE	1	EbyS	1	SbyE	1	SSE	1	S	4	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
31	SE	1	E	1	SSE	1	S	1	SSW	1	SE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
Mean	------	0.9	------	1.1	------	1.1	------	1.5	------	1.4	------	0.9	5.3	------------	------------	4.4	------------	------------

VIGAN.

[ϕ=17° 34′ N ; λ=120° 23′ E ; barometer above sea, 20 meters ; gravity correction not applied, —1.61 mm.]

JUNE, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.25	57.79	58.85	56.84	57.61	59.04	24.4	24.5	30.4	31	29.4	25.4	32	23.9	89	87	69	67	75	87	2.1
2	56.91	57.58	58.57	56.68	57.49	58.75	25.4	25.2	31	31.1	29.1	25.1	32.4	24.4	84	84	65	67	79	91	1
3	56.83	57.68	58.37	56.73	56.95	58.23	25	24.7	31.1	31.6	30	27.3	32.9	24.2	84	86	64	66	73	90	------
4	76.59	56.78	57.42	56.27	56.21	58.01	26	25.1	31.9	31.2	29.5	57.9	32.9	24.6	84	86	64	72	75	85	------
5	56.90	56.83	58.46	58.15	58.13	59.67	26.5	25.9	30	32.4	30	27	33	25.4	81	85	76	62	73	85	------
6	58.49	59	59.57	58.26	58.20	59.24	26	25.7	32.1	32.4	30	27.5	33.8	25	88	87	61	63	73	88	------
7	58.88	58.92	59.63	58.37	58.32	59.64	27	26.2	31.8	32.4	28.9	26.4	33.5	25.5	85	90	66	71	78	86	------
8	58.47	59.05	59.57	58.37	58.23	59.37	25.4	25.2	31.6	31.4	29.9	26.3	33.7	24.5	88	90	64	68	76	78	------
9	58.37	58.10	59.47	57.90	57.51	58.68	25.5	24.9	30.5	31.5	29.8	28	32.9	24.5	84	87	68	64	73	85	------
10	58.32	58.49	59.91	59.05	59.21	59.98	26.5	26.4	32.2	30.2	28.8	26.4	33	25.6	90	87	69	71	68	81	------
11	58.94	59.64	60.43	59.50	58.32	60.69	25.6	25.1	31.2	32	29.1	27	33.1	24.5	83	85	64	66	85	83	------
12	59.48	59.45	60.33	59.27	59.56	59.99	25.9	25	30.5	31.8	29.9	26.2	33.2	24.9	85	86	68	67	80	86	.3
13	59.35	59.30	59.15	58.10	57.96	59.32	25.4	25.2	31.9	32	30.1	28.2	33.6	24.6	88	90	67	63	77	85	6.8
14	58.38	58.47	59.02	58.07	58.26	58.84	27.4	27	31.5	31.3	28.6	26.1	32.9	25.5	92	92	72	73	87	90	.8
15	57.88	59.07	59.50	57.85	58.04	58.65	25.8	25.5	31.1	32.3	28.4	26.1	33.5	24.9	86	88	72	69	78	88	------
16	57.82	58.33	59.54	58.02	58.18	59.33	25.5	25.1	32	32.4	30.3	27.1	33.7	24.7	88	87	67	67	72	83	------
17	58.02	58.18	59.18	57.57	58.29	58.69	26.1	25.5	31.2	31.9	23	25.9	33.4	21.4	83	84	69	66	91	88	26.7
18	57.44	57.60	58.88	57.68	58.02	59.59	25.5	25.2	31.3	32	27	26	33	24.7	88	88	65	70	86	89	.8
19	57.90	57.90	58.06	57.67	57.71	58.84	25.1	25	30.3	31.2	27.5	26	32.6	24.5	92	90	66	72	81	84	------
20	57.80	57.76	58.54	56.86	56.54	57.94	25.3	25	31.9	31.8	27.7	26.4	33.8	24.5	86	88	57	64	87	89	4.6
21	56.99	57.38	58.12	56.98	57.58	58.59	26	25.5	30.7	31.1	23.7	24.5	32.4	23.5	88	89	67	74	98	94	41.1
22	58.35	58.78	59.57	57.58	57.46	58.67	24.5	24.5	30.6	30.7	28.5	26.7	32.6	23.9	92	92	76	70	88	94	.3
23	57.57	57.60	58.26	57.15	57.30	56.94	26.3	26	30.8	31.8	26	26	32.8	24.8	90	94	74	78	94	88	15
24	55.89	55.94	57.22	56.43	56.28	57.33	25.2	25	30.8	31.1	29.8	25.8	32.4	24.5	90	91	67	75	75	84	------
25	56.29	56.56	57.11	55.75	57.47	58.37	25.5	25	31.9	31.4	26	24.7	32.9	23.5	88	87	64	69	91	96	24.7
26	57.01	56.70	56.97	55.72	56.20	57.53	24.5	24.4	30.5	30.5	25.5	24.8	32.2	23.9	92	91	68	75	96	95	7.2
27	56.48	55.96	56.75	55.63	55.15	56.17	24.9	24.7	26.3	24.5	25.5	25	27.1	23.3	92	92	90	93	88	88	8.9
28	55.72	55.94	56.79	55.29	55.40	55.90	24.7	24.5	29.9	31.6	24.4	25.1	32.4	23.9	89	91	73	63	96	99	35.8
29	55.48	55.63	55.99	55.41	54.84	57.08	25	24.9	30.1	28.5	27	26	31.3	23	98	96	74	81	92	92	55.4
30	56	55.66	56.92	55.96	56.64	57.24	25	24.5	30.4	29.5	28.2	26.8	30.9	23.9	96	95	69	78	76	85	6.4
Mean	57.53	57.74	58.54	57.30	57.44	58.54	25.6	25.2	30.9	31.2	28.1	26.3	32.7	24.3	88.1	88.8	68.5	70.1	82	87.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	237.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	ESE	1	EbyS	1	SSW	1	SbyW	1	NNW	1	SE	1	6	A.-Cu.	S.-Cu.	2	Ci.-S.	Cu.
2	E	1	EbyS	1	SSW	1	SW	1	N	1	EbyS	1	10	A.-Cu.	S.-Cu.	4	Ci.-S.	Cu.
3	E	1	SEbyE	1	SE	1	WbyS	1	NNW	1	NbyE	1	1	Ci.	S.-Cu.	2	Ci.	Cu.
4	Calm	----	SEbyE	1	WbyS	1	NNW	2	N	1	NbyE	1	0	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
5	E	1	EbyS	1	SSW	2	WbyS	1	NNW	1	EbyS	1	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
6	ESE	1	E	1	ENE	1	NW	1	N	1	NE	1	0	Ci.	Cu.	0	Ci.-S.	Cu.
7	E	1	ESE	1	SE	1	NNW	2	NE	1	E	1	1	A.-Cu.	Cu.	1	------------	Cu.
8	EbyS	1	ESE	1	SSE	1	NW	1	NbyE	1	SE	2	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
9	ENE	1	ESE	1	SSW	1	W	1	NbyW	1	NbyE	1	0	Ci.	Cu.	1	Ci.-S.	Cu.
10	NE	1	EbyS	1	SW	1	W	1	NNE	1	ESE	1	0	Ci.-S.	Cu.	4	Ci.-S.	Cu.
11	E	1	SE	1	S	1	SW	1	NNE	1	EbyS	1	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
12	E	1	EbyN	1	Calm	----	W	1	SW	1	NE	1	2	A.-Cu.	Cu.	1	A.-Cu.	Cu.
13	E	1	E	1	NNW	2	NNW	2	NbyW	1	E	1	0	Ci.-S.	Cu.	0	A.-Cu.	Cu.
14	EbyS	1	SE	1	SSW	1	W	1	NE	1	EbyN	1	0	Ci.-S.	Cu.	7	Ci.-S.	Cu.
15	E	1	E	1	SSW	2	WbyN	1	E	1	NEbyE	1	0	Ci.-S.	Cu.	2	Ci.	Cu.
16	EbyS	1	ESE	1	SW	1	WbyN	1	NbyW	1	SE	1	0	Ci.-S.	Cu.	4	Ci.-S.	Cu.
17	E	1	SE	1	SSW	2	SSW	1	NE	1	EbyS	1	0	Ci.-S.	Cu.	2	A.-Cu.	Cu.
18	ESE	1	E	1	SSW	1	NW	1	NEbyE	1	E	1	0	Ci.-S.	Cu.	2	A.-Cu.	Cu.
19	ESE	1	EbyS	1	SE	2	SSW	1	NEbyE	1	SE	1	0	Ci.	Cu.	6	A.-Cu.	Cu.
20	ESE	1	EbyS	1	W	1	NW	1	SSW	1	SE	1	0	Ci.-S.	Cu.	1	Ci.	Cu.
21	EbyS	1	E	1	SW	1	W	1	E	1	NEbyE	1	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
22	EbyS	1	SE	1	W	1	N	1	N	1	E	1	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
23	ENE	1	NE	1	SSW	2	WbyS	1	SbyE	1	E	1	1	Ci.-S.	Cu.	9	Ci.-S.	Cu.
24	SEbyS	1	EbyS	1	SSW	1	WbyS	1	W	1	EbyS	1	0	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
25	Calm	----	E	1	EbyS	1	WbyS	1	NE	1	EbyN	1	0	Ci.-S.	Cu.	2	Ci.-S.	Cu.
26	E	1	SE	1	SSW	1	W	1	E	1	SbyE	1	2	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
27	E	1	EbyS	1	E	1	SE	1	EbyS	1	SEbyE	1	10	Ci.-S.	Cu.-N.	10	------------	N.
28	ESE	1	E	1	ESE	1	S	1	SEbyE	1	EbyN	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
29	E	1	EbyS	1	NW	1	SbyW	2	S	2	SbyE	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
30	E	1	E	1	SSE	1	SSW	3	SbyW	1	SSE	1	2	Ci.	Cu.	4	A.-Cu.	Cu.
Mean	-------	0.9	-------	1	-------	1.2	-------	1.2	-------	1	-------	1.1	2.1	------------	------------	3.9	------------	------------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 20 meters; gravity correction not applied, —1.61 mm.]

JULY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.75	55.84	56.23	55.39	56.55	56.93	26.1	25.9	29.5	28.3	26.5	24.8	29.9	24.4	87	88	70	79	89	93	8.7
2	55.76	56.17	56.53	55.61	56.62	57.29	25	24	30	30.6	26.6	25	32.3	23.6	85	91	65	65	87	92	7.4
3	56.51	56.84	57.14	56.44	56.45	57.97	24.7	24	29.3	31.1	27	24.5	32.5	23.2	87	95	74	71	81	92	63.5
4	56.73	56.47	57.60	56.47	56.92	59.23	24	23.7	29.3	30.1	28.1	25.1	31.8	23	99	97	74	71	82	98	2.8
5	58.56	58.41	59.39	58.57	59.48	60.64	25	25	29.4	30.6	26.5	25.1	31.5	24.1	92	89	68	73	88	91	1.8
6	59.64	60.34	61.72	59.90	59.71	61.31	24.5	24	30.6	30.2	28.9	27	31.5	23.9	89	91	69	68	78	88	.3
7	59.92	60.03	60.68	59.20	60.43	61.62	25.7	25.5	30.6	31.5	26.1	24.9	32.4	23.9	87	87	68	69	88	92	8.9
8	59.36	58.75	59.88	59.24	58.49	59.25	24.4	24	29.6	30.3	28	26.4	31.4	23.6	91	87	68	76	87	91	4.1
9	58.25	57.80	59.10	58.01	57.83	58.53	25.2	25	26.1	30	28.3	26.2	31.2	24.5	94	90	90	75	84	90	2.3
10	57.87	58.05	59.08	58.08	57.51	58.57	25.5	25.4	27.6	29	28.4	25.6	30.1	24.9	95	89	84	75	79	95	6.2
11	58.07	57.95	58.13	57.53	57.49	58.89	25.5	25	29.5	30.5	28.5	24.9	31.6	24.4	92	93	74	74	82	92	4.6
12	57.80	57.76	58.35	57.44	56.93	57.66	24.4	24.3	28.7	28	27.3	24.5	30	23.9	88	97	80	77	78	92	2.1
13	56.51	56.42	57.29	56.13	55.37	56.04	24.4	24.3	26	30	27.8	26.2	30.9	23.5	87	87	88	72	74	91	1.8
14	55.06	54.76	55.04	54.33	55.16	56.35	25.9	24.9	26.9	29.2	24	23.8	30.6	22.3	86	92	90	76	92	98	24.1
15	55.20	55.11	55.89	55.14	55.22	56.82	24	24.5	26.6	26	25.5	24.7	28	23	97	85	84	85	89	94	48.8
16	55.87	55.50	55.96	55.02	54.96	56.47	23	22.5	27.4	24.4	25.2	24	27.5	21.9	98	95	78	97	92	96	71.5
17	55.32	55.56	57.06	56.62	56.20	57.66	23.5	23.1	23.5	26	26.1	23.6	26.4	22.4	96	91	98	84	83	98	28.8
18	57.42	57.69	58.70	57.36	57.18	58.40	26	25.5	29.2	30	28.3	26	30.6	22.9	82	84	74	71	82	92	------
19	57.51	57.70	58.09	57.47	57.62	58.41	25	24	31	31.5	29	25.5	32.5	23.5	88	91	65	65	81	88	------
20	56.83	56.70	57.58	56.67	57.67	58.89	24.6	23.5	30.9	29.5	28.3	25	31.6	23	87	92	66	76	80	88	------
21	58.94	59.44	60.41	59.37	59.29	60.57	24.5	24	29.5	31.4	29.2	27.6	32.1	23.6	87	94	76	73	78	87	------
22	59.58	59.54	59.79	58.48	58.42	59.12	25.9	25.5	29.5	31.5	30	27	32.7	25	95	95	81	72	79	92	------
23	57.42	57.32	58.24	56.76	56.31	57.23	26	25.4	31	30.9	31.1	27.5	32.4	25	96	93	69	72	75	92	------
24	55.63	55.72	57.01	56.02	55.86	57.04	26	25.3	31.6	31.5	30.8	25	32.5	21	92	89	62	69	69	88	1.3
25	55.24	56.16	57.12	56.20	56	57.20	24.5	24.4	31.6	31.5	30.4	26	33.1	23.9	84	84	63	67	72	79	------
26	56.26	56.99	58.24	56.90	56.86	57.94	24.9	24.4	31.5	31.5	31	26.4	33	23.9	83	86	60	65	72	89	------
27	56.84	57.54	58.04	57.10	56.83	57.68	25	24.6	30.6	31.3	30.5	26.5	32.6	24.4	92	95	68	70	71	89	------
28	56.74	57.18	57.86	56.72	56.17	57.25	25.3	25	30.6	31.5	29.9	25.3	32.7	24.5	89	89	65	66	75	93	10.7
29	56.22	56.16	56.82	55.97	55.37	56.55	25	24.4	30.2	30.4	29.1	25.6	32	23.9	92	89	70	76	75	90	------
30	55.32	55.96	56.86	55.95	55.96	57.41	25	24.1	30.7	31.5	29	28.1	32.1	23.7	86	82	61	66	75	80	5.8
31	56.50	57.89	58.82	56.82	57.03	58.35	25.8	26.5	29.5	29.2	28	27	30.8	24.9	93	86	72	72	76	80	------
Mean	57.05	57.22	58.02	57	57.03	58.17	25	24.6	29.3	30	28.2	25.6	31.3	23.8	90.2	90.1	73.4	73.1	80.4	90.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	305.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	S	1	SSE	1	SSW	1	SSW	3	SEbyS	1	SE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
2	E	1	EbyS	1	NbyW	1	S	2	S	1	SE	1	1	Ci.	Cu.	1	Ci.-S.	Cu.
3	EbyS	1	E	1	SW	1	W	1	SW	1	EbyN	1	2	A.-Cu.	S.-Cu.	7	A.-Cu.	Cu.
4	ESE	1	E	1	WbyS	1	SW	1	NbyE	1	EbyS	1	8	Ci.-S.	Cu.	3	A.-Cu.	Cu.
5	E	1	SEbyE	1	SSW	2	SW	1	SbyE	1	SE	1	9	A.-Cu.	Cu.	8	Ci.-S.	Cu.
6	ESE	1	SEbyE	1	SSW	1	SSW	1	SWbyW	1	SE	1	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
7	EbyS	1	E	1	S	1	W	1	N	1	SE	1	1	A.-Cu.	Cu.	8	A.-Cu.	Cu.
8	SEbyE	1	SW	1	SSW	1	S	1	SbyE	1	SE	1	2	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. SW
9	SSE	1	SEbyE	1	SSE	1	SSW	2	SWbyW	1	S	1	0	Ci.-S.	Cu.	2	Ci.-S.	Cu.
10	E	1	SE	1	S	1	SSW	1	S	1	SbyE	1	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
11	SE	1	SEbyE	1	SSW	1	SSW	1	S	1	SEbyE	1	9	A.-Cu.	Cu.-N.	9	A.-Cu.	Cu.
12	EbyS	1	SE	1	ESE	1	S	1	SbyE	1	SE	1	5	A.-Cu.	Cu.-N.	10	A.-Cu.	Cu.-N.
13	SEbyE	1	SE	1	SSE	2	S	2	SbyW	1	S	1	6	Ci.-S.	Cu.-N.	8	A.-Cu.	Cu.
14	SSE	1	E	1	E	1	S	1	SE	1	SEbyE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
15	EbyS	1	SEbyE	1	WSW	3	SSW	1	SSW	1	S	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N.
16	SE	1	SEbyE	1	SE	1	S	2	SW	2	S	1	10	Ci.-S.	Cu.-N.	10	------	N. SSW
17	SE	1	SSE	1	SSE	3	S	1	SbyE	1	SSE	1	10	------	N.	10	Ci.-S.	Cu.-N.
18	E	1	SbyE	1	S	1	S	2	SbyW	1	SE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
19	ESE	1	E	1	NE	1	N	1	NNW	1	E	1	0	Ci.-S.	Cu.	2	A.-Cu.	Cu.
20	ENE	1	E	1	SSW	1	S	2	S	2	SEbyE	1	0	A.-Cu.	Cu.	7	Ci.-S.	Cu.
21	E	1	E	1	WSW	1	NNW	1	N	1	N	1	1	Ci.	Cu.	1	Ci.	Cu.
22	NE	1	ENE	1	SW	1	W	2	WbyN	1	S	1	0	A.-Cu.	Cu.	2	A.-Cu.	Cu.
23	E	1	SE	1	S	1	W	1	NbyW	1	N	1	0	A.-Cu.	Cu.	0	A.-Cu.	Cu.
24	E	1	E	1	SbyE	1	SW	1	N	1	E	1	0	Ci.	Cu.	0	Ci.-S.	Cu.
25	SEbyE	1	EbyS	1	ESE	1	W	1	N	1	E	1	0	A.-Cu.	Cu.	0	Ci.-S.	Cu.
26	E	1	EbyN	1	ESE	1	WbyS	1	NbyW	1	NEbyE	1	0	Ci.-S.	Cu.	0	A.-Cu.	Cu.
27	ESE	1	E	1	SSE	1	SbyW	1	WbyN	1	NbyE	1	0	Ci.	Cu.	0	Ci.	Cu.
28	E	1	E	1	SW	1	SSW	1	WbyS	1	EbyN	1	0	Ci.	Cu.	1	Ci.-S.	Cu.
29	EbyS	1	SEbyE	1	SSE	1	SSW	1	SWbyW	1	E	1	0	Ci.	Cu.	3	Ci.-S.	Cu.
30	EbyS	1	SEbyE	1	SbyE	1	SW	1	SbyW	1	S	2	0	Ci.	Cu.	5	Ci.-S.	Cu.
31	S	2	SSE	1	SbyW	2	S	2	S	2	S	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
Mean	------	1	------	1	------	1.2	------	1.3	------	1.1	------	1.1	4.3	------	------	5.5	------	------

VIGAN.

[ϕ=17° 34′ N ; λ=120° 23′ E ; barometer above sea, 20 meters ; gravity correction not applied, —1.61 mm.]

AUGUST, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.34	57.39	57.94	56.42	57.08	57.88	26	25.5	29	29.9	28	26.6	30.6	25.1	80	80	74	69	79	83	1.3
2	56.44	56.08	56.77	55.43	55.65	57.03	25.1	25	29.1	29	27	24	30.7	23.6	87	87	72	74	80	92	9.7
3	55.94	56.09	56.62	55.64	55.59	57.58	23.9	23.8	29.9	30	28.1	25	31.3	23.4	89	89	75	70	77	92	4.8
4	56.09	57.21	57	56.39	56.91	58.07	24.9	25.1	28.9	80	29	25	31.5	24.4	97	97	72	72	73	92	4.6
5	57.17	57.29	57.69	56.99	56.66	59.66	24.9	25	30.6	30.9	28.5	24	31.5	23.4	90	90	64	69	81	96	50
6	57.93	57.09	58.22	56.74	56.89	58.33	24.5	24.7	30	30.1	28.2	26	31.6	23.2	94	92	71	72	83	84	------
7	56.68	56.24	57.37	57.04	56.44	57.85	25.5	25	29.9	26.2	26	25.9	30.9	24.5	84	87	73	90	88	90	12.7
8	56.40	56.30	57.12	56.80	56.33	57.27	23.9	23.6	28.6	26.1	27.5	26	30.6	23.4	92	94	78	88	74	83	------
9	56.13	55.65	56.43	55.96	56.36	57.34	24.5	25.2	29.2	28.9	24	24.7	30.8	23.3	89	82	74	75	91	92	10.7
10	56.18	55.56	56.50	55.42	56.26	57.30	24.8	24.4	28.9	30.2	24.5	24.2	30.7	23	90	90	75	74	94	95	52.6
11	55.48	55.78	56.67	55.74	56.88	57.88	25	25.5	29	29	25.6	25.5	30.5	24	88	87	75	76	90	91	5.1
12	57.01	57.36	57.86	56.52	56.67	57.45	25.1	25	26	30	27.6	26	30.4	23	91	88	90	72	80	88	22.4
13	55.89	56.05	56.63	55.18	54.87	56.24	26	25.9	29.5	30.8	28.1	26.7	31.2	24.6	88	84	72	74	82	86	1
14	55.37	55.16	56.34	55.31	55.72	57.41	25	24.6	28.6	30.7	28	24.4	31.4	23.5	92	93	77	70	85	97	6.4
15	56.23	56.78	56.99	56.06	56.46	58.11	24.9	24.8	30.5	30.9	28.5	25	31.8	24	92	92	66	70	81	96	14.7
16	57.34	56.96	57.34	56.04	56.12	57.24	24.9	24.8	29.6	30.1	28.1	26.9	31.3	24.4	92	93	73	74	85	89	------
17	56.28	56.59	57.43	56.27	56.22	58.03	26	25.4	30	30.5	28.6	27	32.1	25	89	92	75	72	83	90	6.1
18	57.63	57.54	58.95	57.04	56.78	58.43	25	24.9	28.6	30.5	27.5	26.2	32.1	24.3	96	96	80	73	87	93	------
19	58.08	57.61	58.53	57.13	57.17	58.13	25.3	24.6	30.5	31.5	28.1	26.5	32.7	24.2	85	89	79	70	84	86	------
20	57.39	57.64	58.19	56.93	56.81	58.39	25.7	25	31.2	31.5	28.5	27.4	33.4	24.6	88	90	62	68	83	89	------
21	57.50	57.33	57.92	56.80	57.34	58.75	26.5	25.9	32	31.8	27	26	32.9	25.4	84	87	70	80	89	96	------
22	58.07	57.83	58.91	57.51	57.86	59.35	25.8	25.1	30.6	31	28.5	25	32	24.5	93	95	72	76	85	91	16.8
23	57.90	57.68	58.82	57.74	57.54	58.15	24.5	24.1	30.5	31.6	27.4	25.5	32.9	24	94	95	74	69	84	93	------
24	56.67	56.16	56.32	54.81	54.75	56.39	25.1	24.6	29.1	30.7	27.6	26.1	31.6	24.3	92	95	64	59	77	79	------
25	54.61	55.18	56.39	55.39	56.35	57.62	25.2	24.9	30.6	31	25.2	24.6	32.5	23.6	86	84	65	70	90	92	10.1
26	55.64	56.42	56.78	55.62	56.06	56.95	24	23.9	30.1	30.9	28	26.3	31.5	23.3	89	89	63	70	78	90	64.3
27	57.11	56.53	57.49	56.13	55.70	58.48	24.1	24	24.8	27	26.5	23.5	27.2	22.9	95	94	89	84	85	98	94.2
28	56.44	56.24	57.46	56.52	57.14	57.97	23.4	24	24.6	25.1	23.5	23.4	25.7	22.8	94	92	95	95	97	97	136.6
29	56.34	56.29	57.20	55.69	55.87	57.10	24	23.2	25.2	25.3	25	24.7	26	22.6	96	98	88	93	96	94	61.7
30	55.69	55.04	56.51	55.28	54.90	56.59	24.5	24	26.3	26	25	24	28.4	23.3	92	91	89	90	96	96	36.6
31	54.51	54.31	55.99	54.10	54.45	56.71	24.9	25.5	28.1	30	26.2	24.5	30.6	23.8	88	84	81	71	92	96	15.3
Mean	56.56	56.50	57.30	56.15	56.32	57.73	24.9	24.7	29	29.6	27.4	25.4	30.9	23.9	90.2	90.2	75.1	75.1	84.8	91.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	637.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	ESE	1	SE	1	S	1	SWbyW	1	SbyW	1	Calm	----	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
2	SE	1	ESE	1	S	2	SbyW	3	SWbyW	1	E	1	5	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
3	EbyS	1	ESE	1	S	1	S	2	SWbyW	1	SEbyE	1	1	A.-Cu.	Cu.	0	A.-Cu	Cu.
4	EbyS	1	E	1	S	2	WbyS	2	WSW	1	SE	1	9	Ci.-S.	Cu.-N.	8	Ci.	Cu.
5	SEbyE	1	E	1	SSE	1	S	1	SWbyS	1	S	1	1	Ci.	S.-Cu.	4	Ci.-S.	Cu.
6	SE	1	ESE	1	S	1	SSW	1	SEbyS	1	SEbyE	1	2	Ci.-S.	Cu.	4	Ci.-S.	Cu.
7	E	1	EbyS	1	SSW	1	SSW	1	SE	1	SSE	1	4	Ci.-S.	Cu.	10	------------	N.
8	EbyS	1	Calm	----	SSW	2	SW	2	SSW	1	Calm	----	6	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
9	SEbyS	1	SEbyE	1	SSE	2	SSW	2	S	1	SE	1	4	Ci.-S.	Cu.	9	Ci.-S.	Cu.
10	SSE	1	S	1	S	2	S	2	SbyW	1	S	1	9	Ci.-S.	S.-Cu.	4	A.-Cu.	Cu.
11	SSE	1	SEbyS	1	SSE	2	SSW	3	SW	1	SSE	1	6	A.-Cu.	S.-Cu.	10	------------	Cu.-N.SSW
12	SEbyE	2	SE	1	SSE	2	S	2	S	1	SEbyS	1	9	A.-Cu.	Cu.-N.	8	Ci.-S.	Cu.
13	SEbyE	1	SSE	1	S	2	S	2	S	1	S	1	4	Ci.-S.	Cu.	7	A.-Cu.	Cu.
14	Calm	----	EbyS	1	S	2	WbyS	1	S	1	SE	1	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
15	SEbyE	1	SE	1	SSW	1	SWbyS	1	SbyW	1	SEbyE	1	0	Ci.	Cu.	1	Ci.-S.	Cu.
16	SE	1	Calm	----	SSW	1	SW	1	SW	1	SE	1	1	Ci.	Cu.	2	Ci.-S.	Cu.
17	SE	1	E	1	SSW	1	W	1	WbyN	1	NW	1	4	A.-Cu.	S.-Cu.	7	Ci.-S.	Cu.
18	E	1	EbyS	1	SSW	1	W	1	N	1	NE	1	1	A.-Cu.	Cu.	2	Ci.	Cu.
19	E	1	EbyS	1	NNW	1	NbyW	1	N	1	E	1	0	Ci.-S.	Cu.	2	Ci.-S.	Cu.
20	E	1	EbyS	1	ESE	1	NbyW	1	N	1	Calm	----	0	Ci.-S.	Cu.	4	Ci.-S.	Cu.
21	E	1	ESE	1	SbyW	1	SSW	1	EbyN	1	NE	1	1	Ci.-S.	Cu.	8	Ci.-S.	Cu.
22	E	1	SE	1	SSW	1	SW	2	W	1	EbyS	1	0	Ci.-S.	Cu.	8	Ci.-S.	Cu. SSW
23	E	1	EbyS	1	NW	1	NW	1	NE	1	NbyE	1	6	Ci.-S.	Cu.	8	Ci.-S.	Cu.
24	Calm	----	E	1	NNW	1	NNE	1	Calm	----	NWbyN	1	9	Ci.-S.	Cu.	10	Ci.-S.	N.
25	E	1	SbyE	1	Calm	----	WNW	1	NE	1	NbyE	1	5	Ci.-S.	S.-Cu.	5	A.-Cu.	Cu.
26	E	1	SEbyE	1	SSW	1	SW	1	SW	1	NbyE	1	5	A.-Cu.	S.-Cu.	8	Ci.-S.	Cu.
27	NE	1	S	1	SSE	1	S	1	S	2	Calm	----	10	------------	Cu.-N.	10	------------	N.
28	S	2	SSE	2	SSE	2	S	2	S	1	SSE	1	10	------------	N.	10	------------	N.
29	SE	1	SSW	2	SSW	3	SSW	2	S	1	S	1	10	------------	N.	10	------------	N.
30	S	1	SSE	2	SSE	1	S	1	S	1	SSE	1	9	Ci.-S.	S.-Cu.	10	------------	N.
31	SbyE	2	SSE	2	SSE	2	SSE	3	SSE	1	S	1	9	A.-Cu.	Cu.-N.	9	A.-Cu.	Cu.
Mean	------	1	------	1.1	------	1.4	------	1.5	------	1	------	0.9	4.8	------------	------------	6.6	------------	------------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 20 meters; gravity correction not applied, —1.61 mm.]

SEPTEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	54.50	54.28	55.29	54.24	54.42	56.01	25.1	24.1	27	30.5	26	25.5	31	23.4	95	88	86	73	89	92	19.1
2	54.82	54.92	56.03	54.60	54.66	55.43	27.5	27	27	29.5	27.4	27	29.9	25	81	84	85	79	81	83	4.9
3	54.36	54.22	55.47	54.24	54.05	55.40	26.9	26.5	27.5	28.9	26.7	26.4	30	25.1	82	82	81	75	87	87	------
4	53.40	53.62	54.65	53.44	53.37	54.87	26	26.4	30.1	28.6	26.4	26.2	30.9	24.5	86	86	74	80	87	89	48.7
5	53.95	54.09	54.16	53.11	53.05	55.08	26.7	24.6	25	25	25.5	24	26.9	23	83	96	92	96	96	96	180.1
6	54.05	53.51	54.32	53.83	53.56	54.54	24.4	23.7	23.3	24	24	24.1	25.3	22.3	97	98	99	99	97	99	234.3
7	53.86	53.64	55.45	54.85	55.34	57.05	23.9	23	25.5	27.5	25	24.2	29.5	22.5	92	96	93	84	92	96	26.1
8	55.71	56.10	57.30	56.28	57.48	58.71	24.1	24	30.5	30.5	28.4	24.7	32.9	23.4	91	91	63	63	81	96	9.9
9	57.65	57.85	59.52	57.87	58.38	60.53	24.3	24.1	30.5	30.4	28.1	24	32.3	23.4	89	91	68	66	79	96	5.4
10	59.65	57.89	58.49	56.98	57.43	58.84	24.1	23.9	28.6	29.8	28	25.9	31	23.2	96	95	78	68	83	93	1.5
11	58.23	58.40	58.39	57.64	58.27	59.40	25.4	24.1	29.2	30	26.4	25	31.4	23.9	92	96	76	72	81	88	------
12	58.61	59.09	60.16	57.61	58.27	60.04	24.6	24.1	30.5	30.4	28.4	27	32.5	23.7	88	86	63	63	76	92	------
13	59.63	59.85	59.57	57.58	58.19	59.71	25.6	24.8	27.2	29	27.2	25.9	30.8	24.5	93	98	79	78	84	93	------
14	58.45	58.06	58.48	57.13	57.08	58.59	25	24.4	30.6	29.2	28.5	26.3	31.5	23.8	92	91	68	76	78	91	------
15	57.65	57.64	58.92	56.82	57.13	58.05	24.9	24.4	30.6	29.5	28.5	25	31.7	23.9	92	92	65	75	81	88	1
16	57.09	56.77	58.07	56.36	57.31	58.53	24.1	23.8	31	30.3	25	25.4	32.8	23.4	92	93	59	73	90	93	1.3
17	57.46	57.24	59.07	57.72	58.54	61.44	24.9	24.6	29.1	29.8	27.8	24	31.3	23.8	92	94	73	76	84	97	24.7
18	60	60.30	60.43	59.49	60.16	60.93	24	23.5	29.5	29.9	26.9	24.9	31.4	23.1	96	96	79	73	91	92	11.4
19	59.79	59.60	60.78	58.23	58.20	59.49	24.5	24.1	29.3	28.4	27	24.9	31.8	23.8	96	91	74	77	90	92	3.6
20	57.75	57.59	58.38	56.48	57.17	58.55	23.6	23.4	29.2	30.2	28	26.4	30.9	22.9	97	96	73	74	85	91	------
21	57.61	57.31	57.73	55.99	56.29	57.74	25.1	24.1	30	31	28.6	26.9	32.7	23.7	93	95	69	73	83	88	------
22	56.86	57.31	58.73	57.28	58.03	59.76	24.8	24.5	29.6	28.6	25.9	25.5	31	23.8	87	87	70	80	92	97	1
23	58.98	58.65	59.97	58.44	59.27	59.95	24.4	23.9	29.6	30	27	25	31.4	23.4	95	96	70	74	88	89	3.3
24	58.29	58.05	57.36	51.78	48.36	48.63	24	23.9	26.9	27.9	26.3	26	30	23.5	91	92	82	79	86	79	22.1
25	53.66	55 01	56.07	55.64	56.05	58.55	25.6	25	30.7	29.9	28.5	24	33.5	23	75	80	62	75	83	96	8.1
26	57.25	57.59	58.28	55.31	55.25	56.69	24.4	23.9	29.1	30	28.1	25.7	30.7	23.6	93	96	71	73	84	93	------
27	55.34	55.32	55.70	53.68	53.97	54.89	24.9	24.1	28.8	28.5	24.2	24.2	30	23.9	92	95	76	78	94	99	10.2
28	53.13	52.92	53.26	51.10	51.40	51.77	24	23.5	28.8	28.5	25.3	25	30.6	23	92	93	73	78	93	95	48
29	50.29	50.61	51.68	49.81	50.15	52.36	25	24.9	25.6	28.6	27.8	27	29.4	24.2	96	97	92	78	81	89	7.1
30	52.09	52.92	54.31	53.49	55.30	57.14	26.7	25.6	29.8	29	27	26.5	30.9	25.4	79	86	71	77	87	88	.3
Mean	56.34	56.34	57.20	55.57	55.87	57.29	25	24.4	28.7	29.1	26.9	25.4	30.9	23.7	90.5	91.9	75.5	76.2	86.1	91.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	672.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	SSE	1	SSE	1	S	2	SE	2	S	1	SbyE	1	5	Ci.-S.	Cu.-N.	4	Ci.-Cu.	Cu.
2	S	3	S	3	S	2	S	3	S	2	S	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
3	SSE	3	S	2	SSE	3	S	2	S	1	S	1	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
4	S	1	SSE	1	S	1	SbyW	2	SSE	2	S	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	N.
5	SEbyS	3	S	1	SSE	2	S	3	S	4	S	3	10	--------------	N.	10	--------------	N.
6	S	2	SSE	1	ESE	1	WbyS	4	S	1	SbyE	1	10	--------------	N.	10	--------------	N.
7	SSE	1	SbyE	1	SSE	1	S	1	S	1	SbyE	1	6	Ci.-S.	S.-Cu.	10	--------------	Cu.-N.
8	SEbyE	1	E	1	ESE	1	SSW	1	SW	1	SE	1	10	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
9	SEbyE	1	E	1	N	1	WbyN	1	NbyE	1	NbyE	1	4	Ci.	S.-Cu.	3	Ci.-S.	Cu.
10	Calm	----	E	1	NNW	1	S	1	Calm	----	SE	1	10	Ci.-S.	S.-Cu.	2	Ci.	Cu.
11	SbyE	1	Calm	----	NNW	1	SWbyW	1	E	1	E	1	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
12	Calm	----	EbyS	1	S	1	NNW	1	N	1	Calm	----	2	Ci.	S.-Cu.	1	A.-Cu.	Cu.
13	EbyS	1	NE	1	NNE	1	NNW	1	N	1	NEbyN	1	7	Ci.-S.	Cu.-N. N	9	Ci.-S.	Cu.
14	Calm	----	EbyS	1	NNW	1	SW	1	S	1	SE	1	0	A.-Cu.	Cu.	9	Ci.-S.	Cu.
15	Calm	----	E	1	WSW	1	NW	1	N	1	EbyS	1	1	Ci.	Cu.	7	A.-Cu.	Cu.
16	ESE	1	E	1	E	1	NNW	1	SSW	2	E	1	0	Ci.-S.	Cu.	9	Ci.-S.	Cu.
17	E	1	E	1	SSE	1	SbyW	2	SW	1	SbyE	1	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
18	SEbyS	1	SSE	1	SEbyE	1	W	1	WbyS	1	E	1	8	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
19	E	1	E	1	WSW	1	NW	1	NbyE	1	EbyS	1	7	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
20	E	1	E	1	SW	1	SW	1	SSW	1	SSE	1	1	Ci.-S.	Cu.	0	A.-Cu.	Cu.
21	EbyS	1	SEbyE	1	NNW	1	WNW	1	SW	1	SbyE	1	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
22	Calm	----	E	1	SSW	1	SSW	1	SE	1	SEbyS	1	7	A.-Cu.	S.-Cu.	10	Ci.-S.	N.
23	E	1	EbyN	1	NNW	1	NNW	2	NEbyN	1	NE	1	4	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu. N
24	E	1	Calm	----	NNE	2	NNE	5	N	5	E	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.NNE
25	SE	1	SE	1	EbyS	1	S	1	WbyS	1	SbyW	1	5	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
26	E	1	E	1	N	1	N	2	N	2	SW	1	1	Ci.	Cu.	2	Ci.-S.	Cu.
27	S	1	SE	1	ESE	1	SSW	2	SSE	1	Calm	----	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
28	Calm	----	E	1	WSW	1	SW	1	ESE	1	SbyE	1	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
29	SW	3	SE	2	SSE	4	SSW	4	S	1	SbyE	1	10	--------------	N. SSW	9	Ci.-S.	Cu.-N.
30	S	1	SEbyE	1	SSW	1	S	2	SSW	2	S	2	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
Mean	-------	1.1	-------	1.1	-------	1.3	-------	1.7	-------	1.4	-------	1.2	6.4	--------------	--------------	6.7	--------------	--------------

VIGAN.

[ϕ=17° 34′ N ; λ=120° 23′ E ; barometer above sea, 20 meters ; gravity correction not applied, —1.61 mm.]

OCTOBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.48	56.86	58.13	56.89	57.63	58.88	26.1	25	29.8	30.6	26.9	25.3	31.1	24.6	86	92	69	68	86	93	2.3
2	57.61	58.15	59.27	56.96	57.40	58.84	25	24.7	30	30.3	27.7	24.3	31.2	23.6	92	93	69	72	87	97	8.6
3	57.45	57.22	58.10	55.45	55.94	57.60	24.4	24	25.5	24.6	24.5	23.9	25.7	23.1	97	96	92	95	94	91	4.6
4	56.97	57.15	58.75	57.29	57.90	58.29	24	23.9	24.2	26.2	25	24.5	26.9	22.9	91	92	98	86	96	92	4.6
5	57.64	58.26	59.97	57.68	58.55	59.96	24	23.9	29.6	29.6	27	26	30.6	23.4	93	92	68	73	84	88	-----
6	58.66	59.16	59.39	57.49	58.30	59.24	25.9	25.1	29.4	30	27.6	26	32.5	24.5	86	89	77	75	87	92	.3
7	58.25	58.49	59.49	57.86	58.14	59.09	25	24	30.4	31	27.5	26.4	32	23.6	90	94	69	69	87	93	-----
8	57.95	57.80	58.62	56.92	57.64	58.81	25	24.5	29	29.5	26.4	24	31.1	23.5	96	96	78	77	90	97	62
9	58.06	57.93	58.82	57.33	57.56	59.11	23	22.7	28.2	27.3	26.4	25	29.5	21.9	93	92	68	78	89	92	-----
10	57.80	58.27	59.45	57.73	58.48	59.98	24.9	23.6	29.1	29	27.4	25.1	31.3	23.1	88	88	74	71	81	83	-----
11	59.51	59.74	60.94	59.13	59.39	60.39	24.6	24.2	28.5	28	26.5	25	31.8	23.9	79	76	66	74	83	88	-----
12	59.42	59.80	60.76	58.82	59.15	60.62	23.5	22.6	30.5	30.2	27.9	24.8	32	22.4	85	86	56	66	82	87	-----
13	58.82	59.17	60.42	58.61	58.58	60.08	23	22.9	29.2	30.1	27.4	25.3	32	22.4	91	89	66	64	81	84	-----
14	59.35	59.27	60.56	58.73	59.59	60.94	23.3	22.8	29	29.8	27.2	26.1	31.3	22.4	83	83	61	59	74	81	-----
15	59.38	59.71	61.04	59.31	59.24	60.44	25.2	24.6	30.5	29.7	27.2	26	31.9	24.3	74	75	65	63	83	83	-----
16	59.41	59.89	60.82	58.66	59.19	60.64	25.5	25	30.5	31	26.9	25.5	31.8	24.5	77	78	60	69	81	84	-----
17	59.48	59.92	61.07	59.01	59.39	60.58	24.5	24	30.6	30.3	27.3	25.7	32.1	23.7	89	81	64	68	82	82	-----
18	60.09	60.25	61.42	59.93	59.90	61.35	25.3	25	31.4	30	26.7	25.2	32.4	23.9	80	74	70	75	86	90	-----
19	60.22	60.45	61.41	59.36	59.26	60.53	24.4	23.4	30.9	30.2	27.6	25.2	32.1	23.1	88	88	73	67	83	94	-----
20	59.36	60.28	60.86	59.26	59.13	60.28	24.1	23.7	31	30.6	27.1	24.9	32.5	23.4	91	88	56	62	83	88	-----
21	59.06	59.57	60.59	58.81	59.34	60.87	24.5	23.5	30.2	31	27.8	24.9	32.2	23	82	82	53	65	76	88	-----
22	58.96	59.74	61.01	58.42	58.57	60.12	24	23.4	31.4	30.5	28.6	26.6	32.4	22.9	83	85	60	68	80	82	-----
23	59.16	59.61	60.62	59.04	59.13	59.67	25.6	24	30.1	31.4	28.4	26.4	32.7	23.5	83	83	65	60	77	91	-----
24	58.43	58.86	59.78	58.12	58.48	60.12	24.5	23.5	30.5	31	28	27.2	32.3	23.1	87	90	63	63	77	79	-----
25	59.18	59.58	60.86	58.98	59.09	60.77	24.9	24.8	31.2	31.5	27.9	26	32.3	24	84	85	59	60	78	85	-----
26	59.60	60.64	61.13	58.11	58.19	59.83	25	24.5	31.1	32.2	29.4	27.1	33	24	92	92	59	62	58	65	-----
27	58.84	59.55	60.65	58.59	58.58	59.60	26.7	26.6	31.5	30.5	28.4	26.7	32.9	24.5	61	58	57	65	74	83	-----
28	58.63	58.99	59.99	58.17	58.53	59.55	24.2	23.4	30.9	30.5	27.5	26.7	32.4	22.8	90	90	57	56	78	68	-----
29	57.99	58.63	60.04	58.18	58.43	59.82	24.5	23	31.5	31.9	29	28.6	33	22.4	75	75	54	54	69	52	-----
30	59	59.15	59.63	56.37	56.98	57.76	26.6	23.6	32.7	31.5	29.5	29.1	33.3	23.3	65	82	46	60	59	57	-----
31	57.17	56.63	57.28	55.15	56.27	56.85	26.3	25.3	30.5	30.2	27.8	26	32.4	24.7	68	74	65	68	73	80	-----
Mean	58.64	58.99	60.03	58.08	58.45	59.70	24.8	24	30	30	27.4	25.8	31.6	23.4	84.5	85.1	65.7	68.1	80.6	84.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	82.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	1	SSE	1	SSW	1	SSW	2	S	1	SE	1	9	Ci.-S.	Cu.-N. SSW	5	Ci.-S.	Cu.
2	SSE	1	SE	1	S	1	SbyW	1	Calm	----	SEbyE	1	10	Ci.-S.	N.	6	Ci.-S.	Cu.
3	Calm	----	SEbyE	1	ESE	1	NE	1	Calm	----	E	1	10	Ci.-S.	Cu.-N.	10	----------	N.
4	Calm	----	SE	1	Calm	----	NE	1	S	1	EbyS	1	10	----------	N.	10	Ci.-S.	Cu.-N.
5	E	1	SEbyE	1	SSW	1	SSW	1	S	1	SEbyE	1	6	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
6	SbyE	1	ESE	1	SSW	1	SW	1	Calm	----	Calm	----	10	Ci.-S.	Cu.-N. SSW	6	Ci.-S.	Cu.
7	ESE	1	ENE	1	NE	1	WbyN	1	N	1	Calm	----	1	A.-Cu.	Cu.	5	A.-Cu.	Cu.
8	Calm	----	E	1	S	1	WbyS	1	NE	1	S	1	2	Ci.	Cu.-N.	8	Ci.-S.	Cu.-N.
9	SW	3	EbyS	1	Calm	----	N	1	NbyE	1	SbyE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N.
10	SEbyE	1	EbyS	1	WSW	1	NW	1	NWbyW	1	E	1	1	Ci.	S.-Cu.	6	Ci.-S.	Cu.
11	ESE	1	SEbyE	1	NNW	1	NNW	2	NNW	1	SE	1	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
12	Calm	----	NbyE	1	ESE	1	NNW	1	N	1	Calm	----	2	A.-Cu.	Cu.	0	Ci.	Cu.
13	NbyE	1	N	1	N	1	NNW	1	NEbyN	1	SE	1	1	Ci.	S.-Cu.	1	Ci.-S.	Cu.-N.
14	E	1	E	1	NNW	1	NWbyN	1	Calm	----	WbyN	1	0	Ci.	S.-Cu.	3	A.-Cu.	Cu.
15	SEbyS	1	EbyS	1	WbyN	1	NNW	1	Calm	----	SE	1	10	Ci.-S.	S.-Cu.	1	A.-Cu.	Cu.
16	E	1	EbyS	1	NE	1	NW	1	NNW	1	ESE	1	9	Ci.-S.	S.-Cu.	1	A.-Cu.	Cu.
17	NE	1	E	1	NNE	1	NbyW	1	Calm	----	EbyS	1	0	A.-Cu.	Cu.	0	Ci.-S.	Cu.
18	E	1	EbyS	1	W	1	NNW	1	NNW	1	NE	1	0	Ci.-S.	Cu.	0	A.-Cu.	Cu.
19	E	1	ESE	1	WSW	1	NNW	1	NNW	1	NE	1	0	Ci.-S.	Cu.	1	Ci.	Cu.
20	EbyS	1	E	1	SEbyS	1	NNW	1	N	1	EbyN	1	0	A.-Cu.	Cu.	1	Ci.	Cu.
21	EbyS	1	E	1	NNW	1	NNW	1	NNW	1	NEbyE	1	0	Ci.	Cu.	1	----------	Cu.
22	E	1	EbyS	1	SbyE	1	NW	1	Calm	----	SE	1	0	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
23	NEbyE	1	E	1	NNW	1	W	2	NNW	1	NE	1	0	Ci.	Cu.	1	A.-Cu.	Cu.
24	NE	1	EbyS	1	NNW	1	SW	1	WbyS	1	E	2	0	Ci.	Cu.	1	A.-Cu.	Cu.
25	EbyS	1	E	1	NNW	1	WbyN	1	Calm	----	SE	1	0	Ci.-S.	Cu.	1	A.-Cu.	Cu.
26	Calm	----	NE	1	NNW	1	NNE	1	NE	1	Calm	----	8	Ci.-S.	S.-Cu.	3	A.-Cu	Cu.
27	EbyS	1	NE	1	NNW	1	N	1	NbyW	1	SE	1	1	A.-Cu.	S.-Cu.	0	Ci.-S.	Cu.
28	Calm	----	NE	1	NWbyW	1	N	2	N	1	E	1	0	Ci.	Cu.	0	Ci.	Cu.
29	Calm	----	EbyN	1	NNW	1	WbyN	1	EbyS	1	NE	2	0	Ci.	S.-Cu.	0	A.-Cu.	Cu.
30	N	1	Calm	----	NE	2	N	2	NbyE	1	NE	2	0	Ci.	Cu.	0	A.-Cu.	Cu.
31	NbyE	1	N	1	N	3	NNW	4	NbyE	2	N	2	0	Ci.	S.-Cu.	1	Ci.-S.	Cu.
Mean	-------	0.8	-------	1	-------	1	-------	1.3	-------	0.8	-------	1	3.5	----------	----------	3.1	----------	----------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 20 meters; gravity correction not applied, −1.61 mm.]

NOVEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.96	56.04	56.71	53.98	54.61	56.37	25.5	25	31.8	31.1	30	28.7	33.5	24	81	83	56	68	56	59	------
2	55.49	56.15	56.91	55.01	56.36	58.39	26.4	26	33.5	35.4	29.9	29.5	36.5	25	72	74	45	41	67	68	------
3	57.83	58.09	59.05	57.41	57.94	58.86	26.5	25.7	31.3	32	28.1	27.6	34	25.4	76	81	52	60	77	77	------
4	58.24	58.83	59.95	57.64	58.11	59.87	26.5	25.5	31.6	30.2	28.1	26.8	33.9	25.1	72	78	51	69	79	86	------
5	58.88	59.24	60.64	58.24	58.63	59.58	25.5	24	30	29.9	27.4	26.4	32.4	23.9	92	93	63	65	78	82	------
6	59	59.33	59.48	57.83	58.47	59.65	24.1	23.5	31.5	31	27.5	25.9	32.6	22.9	82	84	52	62	78	87	------
7	59	59.54	59.99	58.38	58.94	59.58	24.1	24	30.3	30.7	28	26.3	32.1	23.5	91	91	67	67	78	86	------
8	58.44	58.95	59.67	57.61	58.67	59.53	24.6	24	31	31.6	28	25.8	32.6	23.4	87	91	64	66	77	78	------
9	58.24	58.49	59.43	56.97	57.60	58.58	25	24	30.9	30.8	27.1	25.5	32.8	23.4	83	87	62	63	83	90	------
10	56.93	57.56	58.08	55.72	56.36	57.61	24	23.1	29	29	26.8	24.5	30.1	22.5	91	91	71	68	79	89	0.5
11	57.07	57.62	58.01	55.39	56.40	57.99	23.9	23	28	29	25.5	23	30	22	92	93	68	65	75	79	------
12	57.71	57.96	58.81	56.24	57.15	58.14	22.8	22.4	27.1	29.5	27.4	24.5	31.2	21.8	78	80	67	63	57	70	------
13	57.48	58.23	59.40	56.53	56.52	57.09	26.8	27	29.5	29.5	28	24.1	31.4	23.4	48	52	43	58	51	74	------
14	55.72	56.14	57.01	53.90	53.67	54.77	23.9	24.4	24.5	26.5	26	27	28.7	23	80	83	96	88	85	75	1.8
15	54.67	55.34	56.93	55.22	56.32	58.15	26.3	24.5	31	31.5	27.6	26.4	32.9	23	85	91	69	71	84	89	------
16	56.86	56.94	57.53	55.83	57.32	59.67	25	24	30.1	33	28.6	25	34.7	23.5	88	90	68	35	48	76	------
17	58.52	59.29	61.06	59.14	58.73	59.66	23.3	23	22.5	22.5	22.5	23.3	24.8	21.8	91	91	96	96	90	80	37.5
18	59.61	59.93	60.94	58.44	59.25	60.13	23.4	23	26.9	26.9	24.9	24.2	28	22	94	96	70	71	80	82	------
19	59.10	58.96	59.67	57.32	58.07	58.70	24.1	24	28.9	31.2	28.4	25	32.2	23.4	77	78	62	48	52	76	------
20	58.49	58.94	59.53	56.99	57.63	58.77	25.2	25	29.5	30.1	27	24.5	30.9	24.2	82	83	68	65	78	81	------
21	58.05	58.22	59.27	57.44	58.32	58.74	24.4	26.7	30	31.5	28	26.4	32.1	23.1	80	58	39	36	77	50	------
22	57.57	57.56	56.85	54.09	54.20	54.51	24.9	23.1	28.5	26.9	25.5	26.9	29.1	22.4	54	68	64	78	84	75	1.3
23	55.10	55.95	57.80	56.18	57.40	58.11	25.9	25	28.7	29.1	27	25	29.4	24.7	85	91	80	78	88	92	------
24	57.51	58.46	59.59	56.73	58.13	59.38	24	23.9	30.1	30.2	28	26.3	31.9	23.2	91	92	73	66	82	90	------
25	58.10	58.52	58.88	57.03	57.79	59.43	25.2	24.1	30.2	29.6	27.2	24.5	31.1	23.6	94	95	75	74	89	92	------
26	58.83	59.29	60.06	57.87	58.19	59.46	24.9	23.6	30.5	29.5	26.3	24.4	31.9	23.3	92	82	47	57	86	88	------
27	58.79	59.29	60.38	57.87	58.28	59.51	24	22.3	29.7	29.5	26.6	24.6	30.9	21.9	79	87	61	64	73	87	------
28	58.76	58.97	60.25	58.27	58.31	58.99	22.7	22	28.2	29.7	26.3	23.5	31.1	21.3	95	96	72	67	84	91	------
29	58.15	58.47	59.70	57.72	58.55	59.30	23	21.8	29.6	29.9	26.3	23.4	31.1	21	84	88	67	69	82	92	------
30	58.60	58.96	60.74	58.57	58.78	59.56	22	21.3	29.4	29.1	26	24.2	31.3	20.8	91	93	63	59	85	90	------
Mean	57.76	58.18	59.08	56.85	57.49	58.60	24.6	24	29.5	29.9	27.1	25.4	31.5	23.1	82.9	84.7	64.4	64.6	76.1	81	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	41.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	NNE	3	NNW	4	NNE	4	NE	3	0	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
2	N	2	N	1	NE	5	SSE	3	NNW	1	EbyS	1	5	Ci.-S.	S.-Cu.	1	Ci.	Cu.
3	NE	1	NNW	1	E	1	NW	1	N	1	E	1	10	Ci.-S.	S.-Cu.	8	A.-Cu.	Cu.
4	EbyN	1	Calm	----	NNW	1	NW	1	Calm		Calm	----	9	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.
5	Calm	----	Calm	----	NNW	1	NW	2	NbyW	1	SbyE	1	1	Ci.-S.	S.-Cu.	0	Ci.-S.	Cu.
6	E	1	SE	1	NNW	1	NbyW	1	SSW	1	Calm	----	0	Ci.-S.	Cu.	1	Ci.	Cu.
7	E	1	E	1	NNW	1	NWbyW	1	WSW	1	SbyE	1	0	Ci.	Cu.	3	Ci.	Cu.
8	EbyS	1	E	1	NNW	1	SW	1	Calm	----	SE	1	0	Ci.	Cu.	1	Ci.-S.	Cu.
9	EbyS	1	E	1	NNE	1	NNW	1	N	1	NbyE	1	0	A.-Cu.	Cu.	1	Ci.	Cu.
10	NNE	1	NE	1	N	2	N	4	N	2	N	1	0	Ci.	Cu.	4	Ci.-S.	Cu.
11	NbyE	1	NNE	1	N	3	N	3	N	2	N	1	1	Ci.-S.	Cu.	1	Ci.-S.	Cu.
12	N	1	N	1	NNE	1	N	2	NNE	3	N	4	9	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.
13	NE	2	NE	3	NNE	4	NE	2	NE	3	NE	2	0	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.
14	NbyE	2	NE	1	NNE	1	NNE	2	NbyE	1	E	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
15	WSW	1	NEbyE	1	WSW	1	WNW	1	N	1	NNE	1	8	A.-Cu.	Cu.	5	Ci.	Cu. N
16	E	1	E	1	NNW	1	NNE	3	NNE	3	N	2	0	Ci.	Cu.	1	Ci.-S.	Cu.
17	N	2	NNE	1	N	2	NNE	2	NNE	3	NbyE	2	10	------------	N.	10	------------	N. NbyE
18	NNW	1	Calm	----	NNE	1	NNE	2	NNW	1	N	2	10	------------	N.	10	Ci.-S.	Cu.
19	N	1	NNE	1	NNE	1	NNE	2	NNE	3	N	2	10	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
20	N	1	NNW	1	N	1	N	2	N	1	NNE	1	10	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
21	NNE	1	NNE	2	NNE	2	NNE	2	NE	2	NE	3	0	Ci.	Cu.	1	Ci.-S.	Cu.
22	NNE	1	NNW	1	NNE	3	N	4	N	4	NE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N.
23	NNW	1	E	1	S	1	WNW	1	Calm	----	Calm	----	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
24	EbyS	1	E	1	S	1	WbyN	1	NW	1	SE	1	1	Ci.-S.	Cu.	2	Ci.-S.	Cu.
25	SE	1	E	1	NNW	1	NNW	1	WbyN	1	SbyE	1	0	Ci.-S.	S.-Cu.	5	A.-Cu.	Cu.
26	EbyS	1	Calm	----	NE	1	NNW	1	Calm	----	SbyE	1	1	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
27	NE	1	NNW	1	WNW	1	NbyW	1	WbyS	1	WbyS	1	0	Ci.	Cu.	0	Ci.-S.	Cu.-N.
28	Calm	----	E	1	NNW	1	NW	1	NbyW	1	Calm	----	0	Ci.	Cu.	0	Ci.	Cu.
29	EbyS	1	EbyN	1	W	1	WNW	1	Calm	----	Calm	----	0	Ci.	Cu.	0	Ci.-S.	Cu.
30	EbyN	1	ENE	1	ENE	1	NNW	1	N	1	Calm	----	0	Ci.	Cu.	0	Ci.-S.	Cu.
Mean	-------	1.1	-------	1	-------	1.5	-------	1.8	-------	1.5	-------	1.3	3.8	------------	------------	4.3	------------	------------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 20 meters; gravity correction not applied, —1.61 mm.]

DECEMBER, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.75	59.74	60.46	58.13	58.40	59.22	22.9	22.3	29	29.3	26.9	24.6	30.6	22	92	91	68	72	85	94	------
2	58.80	60.10	60.52	58.10	58.46	59.95	24.3	24	30.6	31.2	30.2	28.5	34.3	23.2	96	98	56	58	43	60	------
3	58.93	59.10	59.92	57.71	57.97	59.33	27.3	28	30.4	31.1	29.5	27.8	32.5	25	48	54	49	50	54	60	------
4	58.80	59.46	59.69	57.84	58.37	60.06	26.3	25.5	29.4	31.5	29.3	28.2	31.7	24	63	72	56	48	51	55	------
5	60	60.27	61.25	59.66	60.12	61.04	28.5	25	31.7	30	27.3	25.5	33.2	23.7	54	71	41	65	77	80	------
6	60.58	61.03	61.61	59.42	60.37	60.74	22.5	23.3	31	30	26.5	24.3	32.6	22.4	83	78	48	60	84	93	------
7	59.52	59.42	59.98	58.08	58.69	59.59	23.5	22.7	29.4	30.2	27	25.9	31.2	22	91	94	65	58	80	81	------
8	58.48	59.11	60.09	58.14	58.41	59.32	24.4	22.8	29.5	29.5	26.4	24	31.3	22	83	88	59	64	82	91	------
9	59.14	59.36	60.25	57.59	57.90	59.46	23.5	21.6	28.6	30.1	26.6	23.5	31.3	21	90	96	54	52	82	85	------
10	59.31	59.38	60.65	58.08	58.49	59.70	21.5	20.5	28	29.4	26.8	24	30.4	20.2	87	91	70	67	78	86	------
11	59.24	60.06	61.39	58.55	59.12	60.43	23	22.1	28.4	28.8	26	24.4	29.8	21.3	79	88	71	71	78	81	------
12	59.25	59.26	60.43	57.48	58.31	60.06	23.8	23	29	31.6	28.5	26	33.1	21.8	82	86	65	56	73	74	------
13	59.09	59.34	60.19	57.42	57.51	59.20	24.9	24.7	28.1	30.6	29.5	26	31.9	23.4	78	76	65	57	53	76	------
14	58.99	58.51	59.55	57.34	58.11	60.17	25.2	24.4	28.1	29.6	25.4	24.9	30.4	23.9	78	81	70	62	76	76	------
15	59.15	59.41	60.40	57.64	58.86	60.17	23.5	23.9	26.5	27.7	24.8	24	28.5	22.9	80	76	65	68	77	81	------
16	59.30	60.10	61.27	58.75	59.70	60.64	23.3	23	27.5	32	27.2	26.5	32.3	22.1	79	79	61	42	53	54	------
17	59.55	59.34	60.04	57.16	58.19	59.78	23.7	26.1	29.4	31.5	27.9	26	32.4	22.6	70	52	39	38	45	52	------
18	58.80	59.62	60.48	58.68	59.45	60.40	25.4	23.5	30.1	29.5	26.9	24	31	23	52	63	43	55	70	71	------
19	59.42	60.06	61.29	59.04	59.34	60.57	23.2	22.9	29.6	29.6	25.9	22.1	31.6	21.1	65	66	46	59	73	86	------
20	59.87	60.35	60.55	58.87	59.15	60.19	22.4	21	29.4	28.6	25.2	23.1	30.8	20.6	92	80	56	60	80	85	------
21	59.47	60.60	60.62	58.15	58.70	59.68	22.5	21.4	27.8	28.1	25.4	22.6	29.8	21	78	78	47	54	80	82	------
22	59.28	59.43	59.50	57.82	58.29	59.49	22.3	20.9	28.4	30.5	28	24.4	32.4	20	76	77	43	51	52	80	------
23	58.71	59.25	59.80	57.69	58.60	60.51	22.9	22.5	26.1	27.5	24.8	22	28.5	21	76	78	65	66	68	78	------
24	59.53	59.44	60.65	57.84	59.06	60.45	21.5	20.5	28	28.9	27.3	23.8	30.7	19.7	78	80	51	58	48	69	------
25	60.38	60.51	62.48	59.70	60.66	61.51	21.9	21.6	26.9	29	24.9	22.9	30	21	79	77	57	58	80	83	------
26	60.75	60.90	61.36	58.54	60.04	60.89	21.2	20.1	26.6	31	26.4	25	31.3	19.5	84	90	63	53	82	83	------
27	60.26	60.44	62.18	60.31	60.19	62.44	23.5	21.6	30.5	30.9	27	26	32	21.3	86	95	56	53	75	80	------
28	61.39	62	63.21	60.38	60.89	61.88	23.2	24	30.1	31.5	28.4	24.9	32	22.8	81	88	65	57	52	72	------
29	61.34	61.39	61.96	59.94	60.64	61.38	23.4	24.2	30.6	29.6	26.5	25.7	31.9	23.2	80	64	45	56	73	67	------
30	60.64	60.75	62.07	59.80	60.11	60.53	23.8	23.4	30.2	30	25.8	23.9	31.7	22.8	70	72	53	64	79	87	------
31	59.51	59.83	61.10	59.18	60.44	61.64	22.5	22	30	29.4	26.6	24.1	31.6	21.7	91	88	56	62	77	86	0.8
Mean	59.56	59.92	60.80	58.48	59.11	60.34	23.6	23	29	29.9	26.9	24.8	31.4	22	78.1	79.6	56.4	57.9	69.7	77	------
Total	-------	-------	-------	-------	-------	-------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	0.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	1	SEbyE	1	N	1	NNW	1	Calm	----	Calm	----	0	Ci.-S.	S.-Cu.	0	Ci.	Cu.
2	S	1	NEbyE	1	N	1	N	2	NE	2	NE	4	8	Ci.-S.	S.-Cu.	0	Ci.	Cu.
3	NbyE	1	NE	2	NE	3	NE	1	NE	2	NbyE	1	8	Ci.-S.	Cu.-N.	9	Ci.-S.	S.-Cu.
4	W	1	SbyE	1	NNE	1	N	1	NNE	2	E	1	10	Ci.-S.	N.	10	Ci.-S.	S.-Cu.
5	E	1	EbyS	1	NNE	1	NNW	1	S	1	SE	1	1	Ci.-S.	Cu.	1	Ci.-S.	Cu.
6	NNW	1	EbyS	1	NNE	1	WSW	1	N	1	Calm	----	0	Ci.-S.	S.-Cu.	0	Ci.-S.	Cu.
7	NE	1	NE	1	WNW	1	SSW	1	W	1	SE	1	0	Ci.-S.	S.-Cu.	0	A.-Cu.	Cu.
8	SE	1	EbyS	1	SSW	1	SWbyW	1	N	1	Calm	----	8	Ci.-S.	S.-Cu.	9	A.-Cu.	Cu.
9	NbyE	1	NNE	1	NNW	1	NW	1	N	1	NNE	1	2	Ci.-S.	Cu.	0	Ci.-S.	Cu.
10	NE	1	NE	1	NNW	1	N	3	NbyE	1	N	1	0	Ci.-S.	Cu.	0	Ci.-S.	Cu.
11	Calm	----	E	1	N	1	N	3	NbyE	1	NNE	1	0	Ci.	Cu.	0	Ci.-S.	Cu.
12	NE	1	NEbyE	1	NNE	1	NNE	1	NNW	1	NbyE	1	0	Ci.-S.	S.-Cu.	1	Ci.	Cu.
13	Calm	----	N	1	N	1	N	1	NE	1	N	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
14	NNE	1	NbyE	1	NNE	2	NNE	3	N	3	NNE	3	9	Ci.-S.	S.-Cu.	6	A.-Cu.	Cu.
15	NbyE	3	N	3	NNE	3	NNE	4	NNE	3	NNE	3	10	Ci.-S.	S.-Cu.	6	A.-Cu.	Cu.
16	N	2	NNE	1	N	2	NE	2	NE	3	NbyE	1	1	A.-Cu.	S.-Cu.	2	Ci.-S.	Cu.
17	NEbyN	2	NE	4	NE	1	NE	2	NE	2	E	2	10	Ci.-S.	S.-Cu.	0	Ci.	Cu.
18	E	2	EbyN	1	NEbyE	1	NNW	1	Calm	----	NE	1	0	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu.
19	EbyS	1	E	1	E	1	SW	1	Calm	----	NE	1	0	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
20	E	1	E	1	E	1	NNW	2	NNW	1	SEbyE	1	0	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
21	SE	1	E	1	NNW	1	NNE	1	NNE	1	NbyE	1	10	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
22	N	1	NEbyE	1	NNW	1	NNW	2	NE	2	N	2	9	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
23	N	3	NNE	2	N	3	N	4	NNE	2	NbyE	1	4	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu.
24	NE	1	N	1	N	1	NNW	2	E	1	E	1	0	Ci.-S.	S.-Cu.	7	Ci.-S.	S.-Cu.
25	Calm	----	NEbyE	1	N	1	NNW	2	N	2	NEbyN	1	10	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu.
26	NE	1	NNE	1	N	1	NNW	1	NNW	1	Caln.	----	2	A.-Cu.	S.-Cu.	2	Ci.-S.	S.-Cu.
27	NEbyN	1	N	1	WbyN	1	W	1	NW	1	S	1	1	Ci.	S.-Cu.	2	Ci.-S.	S.-Cu.
28	Calm	----	SE	1	NNW	1	WNW	1	S	1	NE	1	9	Ci.-S.	S.-Cu.	4	Ci.-S.	S.-Cu.
29	Calm	----	NEbyE	1	E	1	WbyS	1	W	1	SE	1	0	Ci.-S.	S.-Cu.	0	Ci.-S.	Cu.
30	E	1	SEbyE	1	NE	1	W	1	N	1	Calm	----	1	Ci.-S.	Cu.	1	Ci.-S.	Cu.
31	E	1	E	1	NE	1	NW	1	W	1	Calm	----	1	Ci.-S.	S.-Cu.	7	A.-Cu.	Cu.
Mean	-------	1.1	-------	1.2	-------	1.3	-------	1.6	-------	1.3	-------	1.1	4	-------------	-------------	3.7	-------------	-------------

TUGUEGARAO.

[ϕ=17° 36′ N ; λ=121° 40′ E ; barometer above sea, 23 meters ; gravity correction not applied, —1.61 mm.]

JANUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.49	59.90	61.22	58.32	58.92	60.69	21.6	21.1	25.8	31.5	27.2	24.7	31.8	20.6	97	95	89	64	81	80	------
2	60.22	60.49	62.87	61.39	62.19	63.99	23.9	23.4	24.8	23	23.4	22.5	25.5	21.7	86	93	89	92	80	86	9.9
3	63.77	64.04	65.43	62.32	63.24	64.37	22.1	21.6	23.7	25.2	24.5	23.2	26	21.6	91	96	87	86	92	92	------
4	64.01	63.99	64.77	62	63.26	64.48	22.8	22.3	26	30	25	23.1	30.8	21.5	92	94	80	71	84	90	17.8
5	63.72	63.23	63.94	61	60.85	62.68	22.6	22.1	24.2	28	26.5	24.6	30.4	21.5	92	94	90	74	85	91	------
6	62.05	61.59	62.52	60.15	60.38	61.62	22.8	21	26.4	31.3	27.6	23.1	32.2	20.4	89	91	83	61	73	90	------
7	61.13	61.12	62.48	59.37	59.44	61.18	21.4	20.6	22.5	30.1	26	21.2	31.1	19.5	93	94	91	66	69	87	------
8	60.52	60.38	62.14	59.19	59.19	60.51	19	17	24.5	28.8	26.4	22	31	16	96	92	76	59	66	86	------
9	59.87	60.15	61.68	58.70	59.87	60.77	20.1	18.8	26.2	31.5	25.5	23	31.8	18.2	93	99	81	66	86	96	------
10	60.14	60.34	61.47	58.50	58.17	59.64	21.4	21	24.2	31.8	28	23	32.1	20.2	96	95	90	58	67	87	------
11	59.06	59.11	60.10	57.56	57.51	58.59	21.5	20	26.5	29.3	25.4	23	30.5	18.8	89	96	77	62	80	91	------
12	58.30	59.01	60.56	58.37	57.72	59.05	21.8	20.5	25	29.3	26.2	22	30.4	19.6	95	95	80	59	72	84	------
13	58.66	58.63	59.56	56.82	56.85	57.42	20.1	18.2	26.2	31	26.6	22.4	32.4	18	90	95	79	56	75	88	------
14	57.60	58.76	60.24	57.86	58.94	60.43	20.5	20.4	25.5	30.4	24.6	21.6	30.5	18.5	95	93	84	56	75	88	------
15	60.57	61.14	62.39	60.08	61.37	63.03	21.5	21.5	24.2	25.2	22.6	20.5	26	19.5	87	90	70	64	74	86	------
16	62.63	62.94	64.09	61.15	61.28	62.65	20.1	19.6	24.8	28.2	23.8	20.6	29	18.5	88	89	72	62	70	85	------
17	62.34	62.49	63.40	59.72	59.80	61.49	19.6	18.8	25.4	30.3	26	22.8	30.8	18.3	92	95	71	58	65	81	------
18	61.06	61.22	62.77	60.54	61.42	62.98	21	19.5	24.7	27.3	23.9	22	29.4	17.9	84	90	78	58	76	82	------
19	62.80	63.25	64.75	62.24	62.54	63.77	20.9	20.5	23.7	26.8	22.8	20.4	27.5	19.6	90	88	76	67	78	89	------
20	63.24	63.30	64.54	61.55	61.36	62.37	20.3	20	24.5	27.5	24.8	22.4	28.6	19.8	90	93	79	64	79	81	------
21	61.18	61.36	62.69	59.22	59.93	61.73	20.6	20	25.6	31.2	25.7	23.6	32.1	19.5	92	93	83	64	84	88	------
22	61.27	61.61	63.62	60.84	61.20	62.44	22.8	22	25	27.2	23.5	22.7	29.4	21.4	91	95	83	79	90	89	3.8
23	61.97	62.09	63.64	61.32	61.54	63.14	22.3	22.4	24.6	26.5	23.8	23	27	21.3	92	92	91	70	85	84	------
24	62.25	62.42	63.54	61.07	61.33	62.62	22	21.2	25	27.5	24.8	22	28.1	21	90	96	79	67	77	91	------
25	62.58	62.67	64.09	62.02	62.13	63.33	21.1	20.4	24.6	25.7	21.8	20.4	27	19.2	93	92	75	68	84	91	------
26	63.23	63.33	64.95	63.58	63.85	65.25	19.1	18.5	22.7	23.5	20.6	19.2	24.3	17.4	93	90	75	71	82	85	------
27	64.99	65.24	66.94	64.72	64.14	65.47	19.2	19	23	24.5	21.6	20.8	26.5	17.7	81	80	70	68	73	75	------
28	64.84	64.78	65.44	62.35	61.79	62.78	19.4	18	24.4	28	24.6	21.6	28.5	17	84	93	71	55	67	80	------
29	62.09	62.04	63.64	60.15	60.59	61.81	20.8	20.4	25	27.7	24.5	23.6	28.6	19	80	79	70	58	68	62	-----
30	61.83	62.84	64.24	62	63.14	64.49	20	17.7	23.1	27	24	22	28	16.5	66	93	78	56	73	78	------
31	64.08	64.50	66.02	63.12	63.97	65.53	20.6	20.1	24	26.1	22.1	21.3	27	19.5	82	83	61	61	71	72	------
Mean	61.66	61.87	63.22	60.56	60.90	62.27	21.1	20.2	24.7	28.1	24.6	22.2	29.2	19.3	89.5	92	79.3	65.2	76.8	85	------
Total	-------	-------	-------	-------	-------	-------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	31.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	Calm	----	Calm	----	Calm	----	S	1	NW	1	N	1	6	--------------	S.-Cu.	2	--------------	Cu.
2	N	1	Calm	----	N	1	N	1	N	2	Calm	----	10	--------------	Cu.-N.	10	--------------	N.
3	Calm	----	Calm	----	N	1	Calm	----	Calm	----	Calm	----	10	--------------	N.	10	--------------	Cu.-N. NE
4	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	10	--------------	Fr.-N.	8	--------------	Cu. S
5	SE	2	SE	1	SW	1	Calm	----	Calm	----	Calm	----	8	--------------	Cu.-N.	8	--------------	Cu.-N. E
6	Calm	----	SE	1	SE	1	Calm	----	Calm	----	Calm	----	6	--------------	S.-Cu.	3	Ci.	Cu.
7	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	6	--------------	S.-Cu.	3	--------------	Cu. E
8	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	0	--------------	--------------	2	--------------	Cu.
9	Calm	----	Calm	----	Calm	----	S	1	Calm	----	Calm	----	8	--------------	S.-Cu.	3	--------------	Cu. E
10	Calm	----	SE	1	SE	1	SE	1	Calm	----	N	1	6	--------------	S.-Cu.	4	--------------	Fr.-Cu. SE
11	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	1	--------------	S.-Cu.	8	--------------	Cu. SE
12	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	8	--------------	S.-Cu.	4	Ci.	Cu.
13	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	0	--------------	--------------	1	--------------	Cu.
14	Calm	----	Calm	----	Calm	----	NE	1	NE	1	Calm	----	8	--------------	S.-Cu.	5	--------------	Cu. N
15	Calm	----	NE	1	NE	2	NE	1	NE	1	NE	2	10	--------------	N.	5	--------------	S.-Cu. NE
16	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	8	--------------	S.-Cu.	3	--------------	Cu.
17	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	7	--------------	S.-Cu.	4	--------------	Cu.
18	Calm	----	Calm	----	NNE	1	Calm	----	NE	1	NE	1	6	--------------	S.-Cu.	7	--------------	Cu.-N.
19	Calm	----	Calm	----	NE	2	NE	1	NW	1	Calm	----	7	--------------	S.-Cu.	7	--------------	Cu. E
20	Calm	----	Calm	----	Calm	----	Calm	----	SW	1	SW	1	10	--------------	S.-Cu.	7	--------------	S.-Cu. S
21	Calm	----	SW	1	SW	1	Calm	----	Calm	----	N	1	6	--------------	S.-Cu. SW	8	--------------	Cu.
22	Calm	----	Calm	----	Calm	----	NE	1	NE	2	NW	2	10	--------------	S.-Cu.	10	--------------	Cu.-N. N
23	Calm	----	NW	1	NW	1	NW	2	NW	1	NW	1	8	--------------	S.-Cu.	10	--------------	Cu.-N. NE
24	NW	1	NW	1	N	2	N	3	NE	1	N	2	8	--------------	S.-Cu.	5	--------------	Cu. N
25	NW	1	NW	1	N	1	N	5	N	3	N	3	8	Ci.	S.-Cu.	4	--------------	Cu. N
26	NE	1	NW	1	NW	2	N	2	NE	1	NE	2	8	--------------	S.-Cu.	6	--------------	S.-Cu. NE
27	NE	1	N	1	Calm	----	Calm	----	NE	1	Calm	----	8	--------------	S.-Cu.	8	--------------	Cu. NE
28	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	Calm	----	8	--------------	S.-Cu.	8	--------------	Cu.
29	Calm	----	Calm	----	NE	1	NE	2	NW	1	NW	3	8	--------------	S.-Cu.	5	--------------	Cu. N
30	NW	1	Calm	----	NW	1	NW	2	N	1	N	2	7	--------------	S.-Cu.	6	--------------	Cu. N
31	N	3	N	3	NE	3	NE	5	NE	1	NE	1	7	--------------	S.-Cu.	6	A.-Cu. NE	Cu. N
Mean	-------	0.4	-------	0.4	-------	0.8	-------	1	-------	0.6	-------	0.7	7.1	--------------	--------------	5.8	--------------	--------------

TUGUEGARAO.

[ϕ=17° 36′ N ; λ=121° 40′ E ; barometer above sea, 23 meters ; gravity correction not applied, —1.61 mm.]

FEBRUARY, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1 --	65.23	65.64	67.11	65.31	65.73	67.65	20.9	20	23	25	22	21.6	25.4	18.8	72	77	67	67	74	73	------
2 --	67.22	67.14	68.37	66.40	66.68	68.06	21.3	21.1	22.2	23.1	21	21	25.1	19.6	73	72	72	74	92	78	1.3
3 --	67.14	66.99	67.98	65.84	65.44	66.48	19.7	18.4	21.4	23	22	20.6	25.8	18	88	99	87	83	78	82	3.8
4 --	65.64	65.44	65.89	62.62	62.83	64.04	19.2	18.5	25.5	27.8	24	22.5	29.4	18	92	95	72	61	84	87	------
5 --	63.18	63.12	64.19	61.79	61.85	63.17	21.8	21	24	25.4	22.4	21.7	26	20.6	87	91	77	70	88	92	------
6 --	62.54	62.04	62.52	59.87	60.13	61.67	21.6	21.4	24.5	26.4	25.6	23	27.5	20.6	89	88	84	79	83	93	------
7 --	61.19	61.09	62.07	58.97	58.62	59.67	22.3	21.8	25.5	30	28.1	24.4	30.3	21	92	93	88	71	72	84	------
8 --	59.05	59.01	59.95	57.13	58.05	59.79	22.3	21	28	32.6	24.6	23	34.5	19.3	92	96	70	63	85	92	------
9 --	59.46	59.75	60.56	58.64	58.56	59.75	22.7	22.4	24	26.8	24.7	23.2	28	21.2	92	91	87	78	79	84	3.8
10 --	59.89	60.20	61.20	58.77	59.09	60.09	22.5	21.8	25.5	28.5	27.5	24.3	29	20.7	89	89	80	77	57	74	------
11 --	60.27	60.61	62.04	59.99	60.19	61.31	23	22	24.6	25.6	23.4	22	27.5	21.2	81	87	91	75	72	76	------
12 --	61.07	61.15	62.33	59.69	59.64	60.84	21.3	20.5	22.6	25.3	23.6	22.1	26.8	19.5	78	82	79	70	78	86	2.8
13 --	59.85	60.96	61.89	59.17	59.79	61.03	21.4	20.7	24	27.6	24.7	23	28.6	20	90	94	84	69	86	90	14.7
14 --	60.68	60.96	61.87	59.40	59.68	61.01	21.2	21.3	23.2	27	23.6	22.8	27	20.6	99	94	90	80	93	98	3
15 --	60.19	60.56	61.57	58.25	58.22	60.22	22.3	22	25.6	30.6	27.2	24.8	31.5	21	95	96	84	70	87	92	------
16 --	59.17	59.75	60.45	57.43	57.96	59.62	23	22.4	28.3	33.2	26	24	33.3	21.6	99	96	77	63	85	97	7.1
17 --	58.89	58.77	59.80	56.97	57.79	59.29	23.6	23.6	27.5	31.7	26	24.3	32.3	23.1	98	97	79	68	80	89	------
18 --	58.84	59.18	60.75	58.29	58.59	60.55	23.8	23.4	26.7	29.2	25.4	23.4	30.5	22.5	91	92	79	68	78	87	------
19 --	60.08	60.41	62.17	59.45	59.07	61.54	22.2	21.5	27	30.5	26.4	23.6	32	21	93	95	77	65	73	85	------
20 --	61.22	61.49	63.18	60.34	60.37	62.35	22.3	21.1	27	32.1	27.3	24.8	33	20.3	94	95	73	55	68	79	------
21 --	61.76	61.82	63.38	60.80	60.12	61.75	23.2	22.5	26.2	28.2	27	24.5	29.5	22	88	91	75	65	63	77	------
22 --	61.42	61.24	61.46	58.42	57.82	59.79	22.5	21.5	28.9	32	29	24.5	32.4	21	88	92	58	49	61	81	------
23 --	59.99	60.66	61.62	58.29	58.99	60.69	22.6	21.3	28.6	33	26.5	24.2	33.5	20.5	91	93	66	46	69	82	------
24 --	60.44	60.55	62.13	59.65	59.63	60.68	22.9	22	27	30.6	26.4	23.8	30.8	21.1	89	91	71	57	75	87	------
25 --	60.05	59.99	61.02	58.20	58.25	60.11	23	22.3	29.4	32.5	29	22.4	33	21.5	91	95	58	44	52	79	------
26 --	59.99	60.51	61.93	58.77	58.32	59.78	19.8	18.4	26.5	32.8	29.2	23.2	34	16.6	83	90	58	38	51	77	------
27 --	59.71	60.22	60.89	57.61	56.63	58.42	20.4	18.7	27.2	32.2	29.5	24	33.8	18.1	90	94	66	46	58	85	------
28 --	57.93	58.54	59.85	57.49	57.13	58.95	22.4	21.5	28	33.7	30	24.8	34.6	21	93	92	67	47	62	78	------
Mean	61.15	61.35	62.43	59.77	59.83	61.37	22	21.2	25.8	29.2	25.8	23.3	30.2	20.4	89.2	91.3	75.6	64.2	74.4	84.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	36.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1 --	NE	1	Calm	----	NE	1	NE	1	NE	1	NW	1	7	Ci.	S.-Cu.	8	------------	S.-Cu. NE
2 --	NW	3	NW	1	NW	1	Calm	----	Calm	----	NW	1	10	------------	S.-Cu.	8	Ci.-S.	Cu.-N.
3 --	Calm	----	NW	1	NW	1	N	1	NW	1	NW	1	10	------------	N.	8	------------	Cu.-N.
4 --	Calm	----	Calm	----	NE	1	Calm	----	NW	1	NW	2	5	Ci.	S.	8	------------	Cu.-N.
5 --	NW	3	NW	3	N	3	N	3	NW	1	NW	1	8	------------	N.	10	------------	N.
6 --	N	1	NE	1	NW	1	NW	1	Calm	----	Calm	----	10	------------	N.	8	------------	Cu.-N.
7 --	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	8	Ci.	S.-Cu.	8	------------	Cu.
8 --	Calm	----	Calm	----	S	1	SE	1	NE	3	NE	1	4	Ci.	S.	4	Ci.	Fr.-Cu.
9 --	Calm	----	Calm	----	NE	1	NW	1	NW	1	Calm	----	7	------------	Cu.-N.	10	------------	cu.-N. NW
10 --	NW	1	NW	1	NW	1	NE	1	NE	2	NE	4	8	------------	S.-Cu.	8	------------	Cu. N
11 --	NE	1	NNE	1	NE	1	NE	2	NE	1	NE	1	7	------------	S.-Cu.	10	------------	Cu.-N. NE
12 --	NE	1	Calm	----	Calm	----	Calm	----	Calm	----	N	1	10	------------	S.-Cu.	8	------------	S.-Cu.
13 --	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	10	------------	N.	9	------------	cu.-N. NW
14 --	Calm	----	NW	1	NE	1	NE	1	NE	1	Calm	----	10	------------	N.	10	------------	Cu.-N. NE
15 --	Calm	----	Calm	----	Calm	----	E	1	Calm	----	Calm	----	10	------------	N.	7	------------	Cu. SE
16 --	Calm	----	Calm	----	SE	1	SE	1	NW	1	Calm	----	10	------------	S.-Cu.	4	------------	Cu. S
17 --	Calm	----	Calm	----	Calm	----	Calm	----	NE	2	NE	1	8	------------	Cu.-N.	6	------------	Cu.
18 --	NE	1	NE	1	NE	1	NW	2	NW	2	NW	1	8	------------	S.-Cu. N	6	------------	Cu. N
19 --	Calm	----	Calm	----	SE	1	Calm	----	NE	1	Calm	----	5	------------	S.-cf.	7	------------	Cu. S
20 --	Calm	----	Calm	----	E	1	Calm	----	Calm	----	Calm	----	10	------------	S.-Cu.	4	------------	Cu.
21 --	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	8	------------	S.-Cu.	9	------------	Cu.-N.
22 --	Calm	----	Calm	----	SE	1	SE	2	Calm	----	SW	1	7	Ci.	S.	3	Ci.	------------
23 --	Calm	----	Calm	----	Calm	----	NE	1	NNE	1	NE	2	6	Ci.	S.	4	------------	Fr.-cu. NW
24 --	Calm	----	Calm	----	SW	1	NW	1	Calm	----	NW	1	7	Ci.	S.	8	------------	Cu.-N.
25 --	Calm	----	Calm	----	SW	3	SE	3	SW	1	Calm	----	8	------------	S.-Cu.	2	------------	Fr.-cu.
26 --	Calm	----	Calm	----	Calm	----	SSE	1	NW	1	NW	1	0	------------	------------	0	------------	------------
27 --	Calm	----	Calm	----	ESE	1	Calm	----	Calm	----	Calm	----	1	Ci.	------------	4	------------	Fr.-cu.
28 --	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	Calm	----	5	Ci.	S.	6	------------	Cu.
Mean	-------	0.4	-------	0.4	-------	0.9	-------	0.9	-------	0.8	-------	0.7	7.4	------------	------------	6.7	------------	------------

TUGUEGARAO.

[ϕ=17° 36′ N ; λ=121° 40′ E ; barometer above sea, 23 meters ; gravity correction not applied, —1.61 mm.]

MARCH, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.12	59.58	60.64	58.05	57.60	59.26	22.8	21.8	30	31	28.6	25.1	35	20.6	86	90	62	54	70	75	----
2	58.64	59.16	59.84	56.35	56.14	57.99	22.8	21.9	29	33.5	30.5	24.6	34.2	21.1	88	89	58	41	45	75	----
3	57.50	58.31	59.69	56.79	57.45	59.39	21.2	19.8	28.5	32.7	27	24.3	33.5	19.4	89	92	64	46	66	79	----
4	59.20	59.54	60.93	58.27	58.54	59.78	22.8	22.5	27.6	31.4	25.6	22.8	31.4	21.5	88	87	66	52	69	81	----
5	59.49	60.27	61.63	58.86	59.15	60.38	21.5	20.6	26.2	29.8	25	23.3	31.7	20.1	92	91	71	56	74	81	----
6	60.42	61.48	62.91	59.80	60	61.82	21.5	21.6	27	28.8	26	23	30	20.2	94	89	64	55	88	90	----
7	60.87	61.06	62.82	59.62	59.96	61.63	21.4	20	25.5	30	26.5	22.6	30.7	18.6	88	84	70	47	66	82	----
8	61.15	61.71	63.27	61.02	60.89	62.98	22.1	21.5	26.4	26.6	26	23.5	29.4	20.3	84	87	66	65	69	82	----
9	62.38	62.37	63.89	61.37	60.96	62.93	22.3	21	24	27.4	26.5	23.5	29.1	20.6	88	96	86	67	71	84	----
10	62.23	62.54	63.77	61.04	61.12	63.32	22.4	22	26.6	30	26.4	23.1	32.1	21.5	88	88	68	77	73	87	----
11	62.91	62.64	63.81	61.36	61.18	62.41	22.6	22.5	27.3	28.3	25.6	24.1	30.8	20.8	89	88	69	55	71	81	----
12	62.44	62.36	63.17	60	59.73	61.93	23.4	22.6	27.4	33.2	27.1	24.7	34	21.8	85	90	67	46	69	79	----
13	61.43	61.64	63	60.95	60.59	63.07	23.9	23.2	28.5	26.6	27	23.4	29.5	21.5	79	78	64	77	70	81	7.6
14	62.03	61.97	62.97	60.60	60.42	62.77	21.5	19.8	27.7	31.8	27.7	24.4	31.8	19	89	96	65	46	63	77	----
15	61.66	61.74	63.20	60.27	59.50	61.47	23.4	21.7	28.5	32.4	28.5	24.6	34	21	78	90	61	44	58	68	----
16	60.76	60.34	61.32	58.17	58.60	60.19	22.1	19.5	27.3	30.6	27.5	24.8	32.1	19.2	76	91	64	50	60	71	----
17	59.38	59.31	60.65	58.56	58.48	59.01	23.5	22.1	26.5	24.8	24.2	23.4	30	21.5	77	86	73	78	74	81	2.8
18	56.92	56.84	58.34	56.86	56	56.67	23.4	23.1	24	23.5	22.3	22.1	24.4	21.3	81	87	85	92	93	95	16.5
19	56.34	57.19	58.19	55.86	56.17	58.49	21.9	21.8	26.5	32	27.6	25.5	34.1	21.2	96	96	81	49	76	84	1.8
20	58.57	59.04	60.54	57.43	57.65	59.93	24	23.6	28.5	33.6	28.2	25.2	34.5	23.2	96	98	78	48	72	86	----
21	59.44	59.75	60.97	57.93	57.75	59.77	24	23.5	30.3	34.5	29.5	25.7	36	22.8	93	96	68	50	75	89	----
22	58.92	59.16	60.55	57.14	58.44	59.77	25	24.5	31	34.1	25.7	26	35.9	24	93	96	67	48	71	73	----
23	59.22	58.87	60.64	58.10	59.53	61.51	24.4	22.8	28.8	32.1	24.2	23.6	32.8	22.2	83	95	72	57	91	93	27
24	60.13	61.09	62.78	59.55	60.37	62.97	23.3	23	27.5	30.3	25	23.7	31.5	22.3	93	94	76	65	88	94	14.5
25	62.05	62.72	63.81	61.05	61.30	63.02	23	23	28.4	32.5	27.6	25.5	33	22.3	98	97	75	56	76	86	----
26	62.62	62.63	63.86	61.24	60.70	63.02	23.9	22.4	29.7	32.8	30	24.8	34.5	22	88	95	66	51	59	76	----
27	61.99	61.96	63.08	60.06	59.65	61.33	24.5	24.4	28.2	33.2	30	24.7	34.2	23.7	76	77	65	46	59	79	----
28	60.67	61.15	62.42	59.55	59	61.01	22.6	20.1	29.5	34	33.5	27	35.2	19.7	82	95	64	45	42	61	----
29	60.44	60.44	61.37	58.90	59	60.45	23.1	20.6	30	34	30.6	25.5	35.1	20.5	79	91	65	45	57	71	----
30	60.27	60.21	60.62	58.29	57.95	60.05	23.4	21.2	30.5	33	30.2	26.5	34.1	20.3	78	89	61	52	67	82	----
31	59.68	59.47	60.08	57.83	57.40	59.87	24.5	22.5	31	34.4	30.5	25.7	35.3	22	79	91	62	48	56	71	----
Mean	60.25	60.53	61.77	59.06	59.07	60.91	23	22	28	31.1	27.4	24.4	32.6	21.2	86.2	90.6	68.5	55.1	69	80.5	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	70.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	9	----	S.-Cu.	7	----	Cu.
2	Calm	----	SE	1	SE	1	SW	1	Calm	----	Calm	----	8	----	S.-Cu. S	1	----	Cu.
3	Calm	----	Calm	----	Calm	----	NE	2	NE	1	NE	1	8	Ci.	S.-Cu.	5	----	Fr.-Cu.
4	Calm	----	Calm	----	NE	1	NE	1	NE	2	NE	2	6	----	S.-Cu.	6	Ci.-Cu.	Cu. NE
5	Calm	----	Calm	----	NW	1	N	2	N	2	NW	3	5	Ci.	S.	5	----	Cu. NE
6	Calm	----	NW	1	NW	1	NW	1	NW	1	NE	1	5	Ci.	S.	5	----	Cu. NW
7	N	1	NE	1	NE	1	NW	2	N	2	N	1	5	Ci.	S.	5	----	Cu. N
8	Calm	----	Calm	----	Calm	----	NW	1	NW	1	NW	1	6	----	S.-Cu.	7	----	Cu.-N.
9	Calm	----	N	1	Calm	----	Calm	----	NE	1	N	1	8	----	Cu.-N.	9	----	Cu.-N.
10	N	1	Calm	----	SE	1	NW	1	NW	2	NW	1	7	----	S.-Cu.	8	----	Cu.
11	Calm	----	Calm	----	SE	1	NE	1	NE	2	NE	1	8	----	Cu.-N. SW	7	----	Cu. NE
12	NE	1	NW	2	NW	1	NW	1	Calm	----	Calm	----	7	----	Cu.-N.	4	----	Cu.
13	Calm	----	Calm	----	ENE	1	E	1	S	1	Calm	----	8	----	Cu.-N.	8	----	N.
14	Calm	----	Calm	----	SE	1	SE	1	SE	1	Calm	----	2	----	S.	8	Ci.	Cu. S
15	Calm	----	SW	1	Calm	----	SE	1	NW	1	Calm	----	8	----	Cu.-N.	7	Ci.	Cu.
16	Calm	----	Calm	----	Calm	----	NW	1	NW	1	NW	2	7	Ci.	S.	7	Ci.	Cu. N
17	NW	2	N	1	NNE	2	N	3	NW	1	NW	3	8	----	Cu.-N.	10	----	Cu.-N. NE
18	NW	3	NW	3	NNW	3	NW	2	NW	2	NW	1	10	----	Cu.-N. N	10	----	N.
19	Calm	----	Calm	----	SE	1	Calm	----	NE	1	NW	1	8	----	S.-Cu.	8	Ci.	Cu.
20	Calm	----	Calm	----	SE	1	Calm	----	NW	2	NW	1	8	----	Cu.-N.	7	Ci.	Cu.
21	Calm	----	SE	1	Calm	----	NW	1	NW	2	NW	1	7	Ci.	Cu.-N. S	7	Ci.	Cu. SW
22	Calm	----	Calm	----	SE	1	SE	1	NW	2	Calm	----	8	----	N.	5	Ci.	Cu. S
23	Calm	----	NW	1	SE	1	NW	2	Calm	----	Calm	----	6	A.-Cu.	S.-Cu.	6	----	Cu. N
24	Calm	----	Calm	----	SW	1	N	1	NW	1	Calm	----	8	----	N.	6	----	Cu. NW
25	Calm	----	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	6	----	Cu.-N.	7	----	Cu. SE
26	Calm	----	Calm	----	SE	1	SW	1	SW	1	Calm	----	1	----	S.	5	----	Cu. SE
27	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	Calm	----	0	----	----	0	----	----
28	Calm	----	Calm	----	SE	1	Calm	----	SE	1	Calm	----	0	----	----	3	----	Cu.
29	Calm	----	Calm	----	SE	1	SE	1	SE	1	Calm	----	2	----	S.	3	----	Cu.
30	Calm	----	Calm	----	SW	1	SE	1	SE	1	SE	1	1	----	Fr.-S.	5	----	Cu. SE
31	Calm	----	Calm	----	ESE	1	SE	1	Calm	----	Calm	----	4	Ci.	----	8	Ci.	Cu. S
Mean	----	0.3	----	0.4	----	0.8	----	1	----	1.1	----	0.7	5.9	----	----	6.1	----	----

TUGUEGARAO.

[ϕ=17° 36′ N ; λ=121° 40′ E ; barometer above sea, 23 meters ; gravity correction not applied, —1.61 mm.]

APRIL, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.72	60.26	61.18	58.49	57.85	60.18	23.3	20.6	30.1	34.3	31	25	35.1	20.1	82	95	60	42	52	77	------
2	59.94	60.58	61.13	58.28	58.39	60.14	23.1	21.2	30	34.9	28.7	24.7	35.5	21	82	94	60	42	61	77	------
3	59.84	60.14	61.20	58.80	58.83	60.51	22.5	21	29.8	32.2	29	25.5	34	20.7	88	95	63	57	65	77	------
4	59.32	59.46	60.70	57.80	57.69	59.73	23.5	22	30.7	34	30.5	25.6	35.4	21.5	86	92	61	47	50	69	------
5	58.97	60.11	61.40	58.25	58.13	60.25	23.2	20.7	30.5	33.5	29.5	26.3	35.1	20.6	85	97	54	48	62	67	------
6	60.25	60.77	61.82	58.57	58.61	60.62	24.4	22.5	31	35.2	28.7	26.2	36.2	22	80	94	59	42	70	82	------
7	60.45	60.74	62	58.60	57.78	60.34	24.4	23.1	30.2	34.2	30.6	25.1	35.5	22.2	88	92	60	44	59	79	------
8	59.02	60.08	60.71	57.63	57.78	59.19	23.2	21.8	30.5	35	31	26.6	36	21.6	88	93	58	42	62	77	------
9	59.05	59.07	60.42	57.23	56.87	58.98	24.3	22.1	31.2	35.2	32.2	26	36.8	21.6	84	96	58	41	53	79	------
10	58.63	59.27	60.20	57.14	56.97	59.37	24.1	22.3	32	35.2	30.5	27.5	37.4	22.2	82	89	54	38	58	73	------
11	58.87	59.27	60.32	57.46	57.23	59.23	26	24.5	30.8	36	29	26.4	37	23.5	81	91	61	42	67	86	------
12	58.46	58.98	60.36	57.20	57.52	59.68	25.2	24	29	35.5	29	26.4	36.1	23.5	90	95	67	44	64	77	2.5
13	58.92	59.59	61.33	59.37	59.54	61.42	25	23.8	27	26.5	26.1	24.5	30	22.5	86	93	87	89	90	97	25.4
14	60.35	60.08	61.50	58.95	58.98	61.02	24	23.5	29.5	33.7	30.2	26	35	23.2	97	99	75	57	70	95	------
15	60.56	60.66	61.97	59.43	59.95	61.11	25.1	24.6	30.6	34.5	30.1	26.8	36	24.2	95	95	66	51	67	79	------
16	59.78	59.93	60.77	57.87	57.45	59.55	25.1	23.4	31.1	35.2	31.1	26.8	36.8	23	88	95	65	45	62	83	------
17	58.65	58.82	59.35	56.33	56.18	58.27	25.4	24.5	31.5	34.8	30.4	28	36.5	24.2	91	96	63	50	74	79	------
18	57.12	57.51	57.64	54.86	54.96	57.56	26	25.2	32.3	35.9	30.5	27.9	37.4	24.5	89	90	64	52	69	79	------
19	56.92	57.44	58.29	55.96	56	58.03	26.5	25.2	31	33.5	30	26.1	34.5	24.8	84	90	62	48	62	83	------
20	57.83	58.19	58.70	55.83	55.28	57.71	23.7	23.2	30.5	35.4	31	26	36.4	22.5	94	94	57	47	62	85	77.7
21	57.21	57.29	58.64	55.72	56.02	58.22	24.5	23.5	27.2	33	29.1	26	33.3	22.6	94	98	83	61	81	84	2
22	57.04	57.55	58.62	56.52	57	58.66	25.1	24.2	29.2	30.2	26.7	25.3	31.5	23.1	87	90	73	67	75	89	2
23	57.90	58.29	59.44	57	57.40	59.44	24.5	23.6	28.5	32	28.5	26.4	33	23.4	91	96	74	61	75	86	3.3
24	58.74	58.35	59.79	58.03	58.45	59.90	24.6	24	28.6	29.5	26.8	24.6	31.5	23.5	94	96	77	68	82	87	3.8
25	58.90	59.33	60.26	58.48	58.72	60.19	24	23.3	24.3	26.9	24.9	23.7	27.2	22.5	91	97	91	84	86	92	14.7
26	59.06	59.14	60.56	57.75	59.29	60.65	23.2	22.8	30	32.5	25.5	24	33	22	95	97	75	65	80	88	9.9
27	59.38	59.94	60.94	57.96	60.73	60.48	23.3	22.5	28.5	33.8	23.8	23.1	35.3	22	92	97	83	53	93	96	75.9
28	60.03	60.34	61.15	58.72	58.55	60.43	22.8	22.4	28.5	33.3	30.2	27.4	35.2	22	97	100	81	59	73	83	------
29	60.11	60.20	61.14	58.98	58.48	60.51	25.7	24.6	30.8	34	30.5	26.7	35.4	23.7	91	95	70	53	66	77	------
30	60.19	60.50	60.87	58.78	58.69	60.30	23	22.8	31	34.5	31.5	26.3	35.5	22.3	97	93	67	53	66	85	------
Mean	59.04	59.40	60.41	57.73	57.84	59.72	24.3	23.1	29.9	33.5	29.2	25.9	34.8	22.6	89	94.5	67.6	53.1	68.5	82.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	217.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	S	1	S	1	SE	1	Calm	----	0	----	----	5	Ci.	Cu. SE
2	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	1	----	S.	6	----	Cu.
3	Calm	----	Calm	----	Calm	----	S	1	S	1	Calm	----	0	----	----	8	----	Cu. S
4	Calm	----	Calm	----	SE	1	SE	1	SE	1	Calm	----	2	Ci.	S.	8	----	Cu.
5	Calm	----	Calm	----	SE	1	SE	1	SE	1	SE	1	4	Ci.	S.	9	----	Cu.-N. SE
6	Calm	----	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	6	----	S.-Cu.	5	----	Cu. SE
7	Calm	----	Calm	----	S	1	SE	1	NE	1	Calm	----	0	----	----	5	----	Fr.-Cu.SE
8	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	NE	1	0	----	----	2	----	Cu.
9	Calm	----	Calm	----	Calm	----	SE	1	S	1	Calm	----	0	----	----	2	----	Cu.
10	Calm	----	Calm	----	SE	1	SE	1	NE	2	NE	1	0	----	----	0	----	----
11	Calm	----	Calm	----	SE	1	SE	1	NW	2	NW	2	7	----	S.-Cu.	7	----	Cu. SE
12	Calm	----	Calm	----	NE	1	NE	1	NE	2	NE	2	8	----	Cu.-N.	8	Ci.-Cu. N	Cu. NE
13	Calm	----	Calm	----	Calm	----	Calm	----	NE	1	Calm	----	10	----	N.	10	----	Cu.-N.
14	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	NW	1	8	----	Cu.-N.	5	----	Cu. SE
15	Calm	----	Calm	----	SE	1	Calm	----	NE	1	Calm	----	5	----	Cu.-N. S	5	Ci.	Cu. SE
16	Calm	----	Calm	----	S	1	SE	1	Calm	----	NW	1	1	Ci.	----	1	----	Fr.-Cu. S
17	Calm	----	Calm	----	Calm	----	NE	1	NE	1	NW	1	1	Ci.	----	7	----	Cu. NW
18	Calm	----	Calm	----	Calm	----	SE	1	NW	1	NW	2	9	----	S.-Cu.	6	----	Cu. NNW
19	NW	1	Calm	----	NW	1	NE	2	NE	1	NE	3	7	----	S.-Cu. NW	6	----	Cu. N
20	Calm	----	Calm	----	NE	1	ESE	1	NW	1	NW	2	7	Ci.	----	7	----	Cu. S
21	Calm	----	Calm	----	Calm	----	NE	1	Calm	----	Calm	----	6	----	Cu.	8	Ci.-S.	Cu.-N.NE
22	Calm	----	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	8	----	Cu.-N.	7	Ci.	Cu.-N. N
23	Calm	----	Calm	----	Calm	----	Calm	----	SW	1	Calm	----	9	Ci.-S.	N.	8	Ci.-S.	Cu.
24	Calm	----	Calm	----	SE	2	SE	2	SE	1	SE	1	10	----	Cu.-N.	8	Ci.-S.	Cu.-N.
25	SE	1	Calm	----	Calm	----	Calm	----	SE	1	SE	1	10	----	N.	10	Ci.-S.	Cu.-N.SE
26	SW	1	SW	1	SE	2	SE	2	NW	1	Calm	----	6	----	Cu. SE	9	Ci.-S.	Cu.-N.
27	Calm	----	Calm	----	S	1	Calm	----	SE	1	Calm	----	6	----	Cu.-N.	7	Ci.	Cu. S
28	Calm	----	SE	1	Calm	----	SE	1	Calm	----	NW	1	2	Ci.	Cu. SE	4	----	Cu. SE
29	Calm	----	Calm	----	SE	1	SW	1	Calm	----	Calm	----	0	----	----	3	----	Cu. S
30	Calm	----	Calm	----	SW	1	SW	1	Calm	----	Calm	----	0	----	----	1	----	Cu.
Mean	------	0.1	------	0.1	------	0.6	------	0.8	------	0.8	------	0.7	4.4	------	------	5.9	------	------

TUGUEGARAO.

[ϕ=17° 36′ N ; λ=121° 40′ E ; barometer above sea, 23 meters ; gravity correction not applied, −1.61 mm.]

MAY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a.m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.57	60.19	60.80	58.20	57.38	59.27	24.5	24	30.8	34.5	30.5	26	36	22.2	87	86	68	41	68	88	------
2	58.79	59.03	59.66	56.72	56.23	58.50	23.8	23.3	31	34.6	30.8	27.1	36.3	22.3	98	97	65	45	65	71	------
3	58.41	58.87	59.26	56.68	56.43	59.25	25	23.4	30.5	35	30.7	26.5	36.2	22.5	83	95	72	47	67	79	------
4	59.16	59.24	59.81	57.48	57.50	59.70	24.4	22.2	30.5	33.5	28.7	26.1	35	21.6	86	95	65	50	73	85	------
5	58.88	59.52	59.70	57.65	57.72	58.91	25.1	24.6	29.1	32.1	28.5	25.3	33.1	22.3	90	91	71	55	70	82	------
6	58.07	57.79	57.79	55.47	54.68	55.41	24.4	23.4	29.7	28	25.9	24.6	32.2	22.8	84	96	71	82	93	96	111.2
7	52.71	51.96	52.51	51.28	52.98	53.43	24	23.3	25.1	27.9	23.5	23.1	29	22.2	91	93	87	74	96	96	34.3
8	52.60	52.48	54	53.31	53.32	55.66	22.8	22.6	29	29.5	28.6	25.5	32.3	22	97	97	81	81	79	86	------
9	55.29	55.66	56.52	54.55	54.08	56.21	24	22.5	30.6	34.2	29.8	26.8	35	22	88	96	66	50	75	86	------
10	56.47	56.78	57.55	55.28	55.13	57.14	25.2	24.6	30.6	34.2	29.5	26.2	34.8	24.2	93	96	72	50	75	90	------
11	57.26	57.84	58.65	56.30	56	57.67	25.6	24.4	30.7	34	29	27	36.4	23.7	91	97	74	53	81	88	------
12	57.27	57.95	58.39	56.20	55.90	58	26	25	31.4	34.9	29.1	27.1	35.8	24.4	92	96	72	51	80	89	------
13	57.77	57.89	58.22	55.50	55.53	57.77	25.8	25.6	32.2	34.9	28.8	27.2	36	24.8	81	97	65	51	79	83	------
14	57.67	57.87	58.42	56.03	55.58	57.57	26.2	25.5	31.5	35	30.7	27.4	36.5	23.5	87	88	66	51	64	76	------
15	57.47	58.53	59.05	56.83	56.43	58.04	25.7	24.1	31	34	31	26.4	35.1	22	83	91	63	45	59	76	------
16	57.54	58.90	58.95	56.68	56.54	58.64	24	22	30	32.9	29	25.4	33.7	20	81	82	64	48	66	82	------
17	58.12	58.24	58.42	56.53	56.74	58.13	23.9	22.5	29.4	33	29.8	27	33.6	21.9	90	96	62	53	63	75	------
18	57.99	58.39	58.40	56.58	56.63	59.35	25.2	24.1	31	34.4	31.2	27.8	35.6	23.6	86	91	64	45	64	74	------
19	58.53	58.62	58.90	56.83	57.14	60.04	26.2	24.5	30.6	35	29	26.8	36.5	23.4	84	92	68	53	71	83	17.5
20	59.23	59.66	60.22	57.33	58.97	60.92	25.7	24.6	29.4	33.9	24.7	24.5	36.2	23.6	88	98	76	61	88	90	12.5
21	60.27	60.47	61.02	58.35	57.95	60.63	24.2	24	27.7	32.4	28.7	26.1	34.6	23.5	91	97	82	62	73	87	2.8
22	59.83	59.73	60.17	57.25	57.59	59.09	25.2	24.3	29.4	32.6	24.5	24.3	34.4	23.5	92	97	75	57	92	93	83
28	57.89	57.87	58.57	55.77	56.09	58.15	24.3	24.1	26	31.7	25.2	24.3	32.4	23.2	94	97	84	66	94	96	21.6
24	57.33	56.93	57.19	56.09	55.97	57.02	24	23.6	25.1	27.8	26.5	25.2	28.2	23	97	99	91	84	90	94	8
25	55.81	55.69	56.24	54.65	53.61	54.71	24.6	24	24.3	23.7	23.4	23.5	26.4	23.2	92	97	93	91	96	95	68.9
26	53.21	53.18	54.31	53.07	53.68	55.64	23.8	24.1	27.6	33.2	29.5	26.5	33.4	23.3	92	93	88	67	81	86	------
27	53.88	54.86	56.22	54.20	55.29	56.67	25.1	24.1	30	33.2	26.2	25.2	34.6	23.2	92	96	73	62	92	92	4.1
28	55.84	55.59	56.29	55.12	55.97	57.70	24.4	24	28.2	27.8	25.9	25	32.2	22 9	96	97	83	80	90	93	2.8
29	56.65	56.45	58.27	57.02	58.06	58.54	24.7	24.6	26.7	28.5	26.8	25.5	29.2	23.7	96	98	85	82	88	93	5.3
30	58.15	57.69	59.42	57.70	58.10	58.82	24.9	24.3	26.5	29.9	29	26.6	31.4	23.5	96	97	85	71	78	85	5
31	58.20	58.54	59.11	56.70	56.52	59.38	25.2	24.1	29	34.5	29.2	26.4	35.4	22.7	92	94	78	55	70	83	------
Mean	57.29	57.50	58.13	56.04	56.12	57.93	24.8	23.9	29.2	32.3	28.2	25.9	33.8	22.9	90	94.6	74.5	60.1	78.1	86.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	377

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	Calm	----	Calm	----	SW	1	SW	1	Calm	----	Calm	----	0	----	----	0	----	----
2	Calm	----	Calm	----	SE	1	SE	1	Calm	----	NE	1	0	----	----	3	----	Cu.
3	Calm	----	Calm	----	S	1	Calm	----	Calm	----	Calm	----	0	----	----	7	----	Cu. S
4	Calm	----	Calm	----	SE	1	Calm	----	NE	1	NE	1	0	----	----	8	----	Cu. ESE
5	Calm	----	Calm	----	NE	1	NE	1	NE	1	N	1	2	Ci.	----	6	Ci.	Cu. N
6	N	1	NNW	1	NW	2	NW	3	NW	2	NW	2	8	----	Cu.-N. N	8	----	N. N
7	NW	3	NW	2	NW	2	NW	1	NW	1	Calm	----	10	----	Cu.-N. N	10	Ci.-S.	Cu.-N. NW
8	Calm	----	SE	1	SE	1	Calm	----	Calm	----	Calm	----	9	----	Cu.-N.	8	Ci.-S.	----
9	Calm	----	Calm	----	SE	1	NW	1	NW	1	NW	1	6	Ci.	----	7	Ci.	Cu.
10	Calm	----	Calm	----	Calm	----	Calm	----	NE	1	NE	1	4	Ci.	----	2	----	Cu.
11	Calm	----	E	1	SE	1	SE	1	NW	2	NW	1	5	----	S.-Cu. S	4	----	Cu. S
12	SE	1	SE	1	SE	1	Calm	----	N	2	NW	1	8	----	S.-Cu. SE	4	----	Cu.
13	SE	1	SE	1	SE	1	SE	1	N	2	N	1	6	Ci.	S.-Cu. SE	4	----	Cu. S
14	NE	1	Calm	----	SE	1	NW	1	NE	1	Calm	----	6	Ci.	S.-Cu.	2	----	Cu.
15	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	NW	1	0	----	----	1	----	Cu. NW
16	Calm	----	Calm	----	Calm	----	NW	1	NW	1	Calm	----	3	Ci.	----	5	Ci.	Cu. NW
17	Calm	----	Calm	----	SE	1	NE	1	Calm	----	N	1	6	----	S.-Cu.	7	Ci.	Cu. NE
18	Calm	----	Calm	----	SE	1	Calm	----	E	2	NE	1	8	----	S.-Cu. SSW	5	----	Cu. NW
19	Calm	----	SE	1	SE	1	SE	1	SE	1	Calm	----	1	Ci.	----	5	----	Cu. SE
20	Calm	----	Calm	----	SE	1	SW	1	NE	2	Calm	----	10	Ci.	Cu.-N.	5	Ci.-S.	Cu.
21	Calm	----	SE	1	SE	1	Calm	----	Calm	----	Calm	----	10	----	Cu.-N.	8	Ci. NE	Cu.-N. S
22	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	Calm	----	8	----	Cu.-N.	4	----	Cu.
23	Calm	----	Calm	----	SE	1	Calm	----	NE	1	Calm	----	10	----	N.	10	Ci.-S.	Cu.-N.
24	Calm	----	Calm	----	Calm	----	SW	1	Calm	----	SW	1	10	----	N.	10	----	Cu.-N. SW
25	Calm	----	Calm	----	SE	1	SE	1	SE	1	SE	1	10	----	N.	10	----	N.
26	SE	1	SW	1	Calm	----	SW	1	Calm	----	Calm	----	9	----	Cu.-N.	8	----	S.-Cu. SW
27	Calm	----	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	6	Ci.	----	6	A.-Cu. SW	Cu.
28	Calm	----	Calm	----	SE	1	NNW	1	NE	1	Calm	----	9	----	Cu.-N.	7	----	Cu.-N. NW
29	Calm	----	SE	1	Calm	----	Calm	----	Calm	----	Calm	----	9	Ci.	Cu.-N.	10	----	N. S
30	Calm	----	Calm	----	Calm	----	S	1	S	1	Calm	----	10	----	N.	10	Ci.-S.	Fr.-Cu.
31	Calm	----	Calm	----	Calm	----	SW	1	Calm	----	NE	1	10	----	N.	6	Ci.	Cu.
Mean	------	0.3	------	0.4	------	0.8	------	0.7	------	0.8	------	0.5	6.2	------	------	6.1	------	------

TUGUEGARAO.

[ϕ=17° 36′ N ; λ=121° 40′ E ; barometer above sea, 23 meters ; gravity correction not applied, —1.61 mm.]

JUNE, 1910.

Day.	Atmospheric pressure, 700 mm.						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.84	58.19	58.48	56.33	57.94	59.05	24.8	23.6	30.5	34.4	25.6	25.2	34.9	23.1	92	98	72	57	87	86	------
2	58.04	57.94	58.23	55.88	56.82	59.42	24	23.6	31	34.4	27	25.7	36.6	23	95	97	69	54	70	78	------
3	58	58.14	58.20	56.08	56.34	58.42	25	24.6	31.3	35	30.3	28.5	36.1	23.6	78	91	70	52	76	92	------
4	57.45	57.76	57.90	55.83	55.67	58.10	25.2	24.6	31.5	34.7	31.5	28.1	36	24	93	95	70	54	70	72	------
5	57.61	58.21	58.67	57.36	57.28	59.22	25.1	24.6	32	34.9	32.4	28.3	35.5	22.6	90	90	60	54	64	83	------
6	59.07	59.57	60.21	57.89	57.52	59.31	26.5	26	32.4	34.5	32.4	29	37	24	93	93	63	54	68	79	------
7	59.01	59.33	59.52	57.41	57.70	59.24	26.3	25.6	31.5	35.5	31.7	28.7	37.5	23.4	96	98	66	49	65	80	------
8	58.86	59	59.26	57.16	57.65	59.62	27	26.5	32	35.5	28.1	26.4	36.8	25.4	90	93	67	44	77	90	------
9	58.98	59.12	59.20	56.90	57.37	59	25.7	25	32.1	34.9	28.6	28	36.4	24.5	94	96	66	54	80	79	------
10	59.10	59.32	59.45	57.92	58.11	60.07	26.9	26.2	32.6	35.1	33.2	28.5	37.2	24.5	85	87	63	41	58	75	------
11	59.87	60.42	60.85	59.13	59.11	61.06	26.4	24.6	32.5	36.8	31.5	27.6	37.3	24.2	84	93	60	43	66	79	------
12	60.57	60.94	61.45	59.36	59.28	60.87	25	23.6	31.4	35.4	32	27.8	35.9	22.7	92	95	63	53	61	75	------
13	60.52	60.47	60.10	57.95	57.80	59.27	25.2	24.6	32.2	33.9	31.2	27.5	36.6	22.6	89	88	64	54	67	83	------
14	59.18	59.49	59.36	57.33	57.21	58.91	25.4	24.5	32.7	36.2	29.2	26.6	37.4	24	90	96	62	41	74	85	------
15	57.72	59.32	59.55	58.33	57.03	58.87	25	24.1	32.9	35.8	34.2	28.7	37.6	23.4	92	94	62	48	51	73	------
16	58.45	58.80	59.44	57.48	57.39	59.60	26.6	25	33.2	36.5	32.4	27.7	37.9	24.3	84	93	58	37	65	79	------
17	59.05	59.06	59.72	57.70	57	59.25	25.4	24.1	32.2	33.5	31.4	26.2	36.6	23.2	85	89	66	61	60	79	------
18	58.67	58.60	59.74	57.83	57.60	59.97	24.4	23.1	31.9	34.2	30.6	26.8	36	22.2	84	91	66	62	76	80	------
19	59.62	59.56	59.39	57.65	57.75	59.35	25	23.5	31.5	34	27.5	25.5	35.8	22.8	90	93	70	61	88	91	6.6
20	58.82	58.75	59.35	57.10	57.29	58.57	24.2	23.5	31.8	34.2	27.6	26.3	36.6	22.8	97	97	66	57	83	82	4.6
21	57.97	58.74	58.65	57.28	57.39	59.30	25.1	24.7	31.6	31	29	26	34.5	23.1	89	91	66	72	81	89	------
22	59.03	59.75	60.20	57.58	57.33	58.77	24.4	23.7	29.7	31	29.5	26.7	36.6	22.6	93	91	72	76	79	86	------
23	58.11	57.89	58.72	56.75	56.37	58.15	24.6	23.8	32.5	34.7	30	26	36.5	23.5	91	91	62	51	72	86	------
24	57.31	57.44	58.01	56.04	56.04	58.17	24.8	24	32	35.6	27.6	25.5	36.4	23.5	92	96	65	54	79	84	------
25	57.24	57.53	57.69	56.03	56.28	58.30	24.2	24.1	32.4	32	27	25.4	35.4	23	93	91	61	64	84	88	2.3
26	57.69	57.22	57.74	55.60	55.64	57.22	24.4	23.4	28	33.2	31.1	26.2	34.4	23	90	90	82	64	69	85	3.8
27	56.48	56.03	56.09	56.04	55.63	56.93	25.5	25	24.2	26.6	26.8	24.9	27.4	23.9	91	95	99	86	78	88	21.6
28	56.32	56.92	57.62	56.01	56.10	57.66	24.4	24.1	30.6	31.8	29.5	26.2	32.6	23.5	91	91	68	70	75	85	------
29	56.39	56.94	57.39	55.53	55.26	57.77	24.5	24	31.6	34.2	32	26.8	35.2	23.3	90	91	63	51	66	77	------
30	56.46	57.02	56.72	55.26	54.86	57.45	24.2	23.5	32.6	35.5	32	27.5	36.6	23	91	92	62	48	62	79	------
Mean	58.31	58.58	58.90	57.02	57.03	58.90	25.2	24.4	31.5	34.2	30.1	26.9	35.9	23.4	90.1	92.9	66.8	55.5	71.7	82.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	38.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	SE	1	SE	1	NE	1	NE	1	8	Ci.	S.	6	Ci.	Cu.
2	Calm	----	Calm	----	SE	1	SE	1	WSW	2	Calm	----	7	------------	S.-Cu. S	5	Ci.-S.	Cu.
3	SE	1	Calm	----	SE	1	NE	1	NW	1	NW	1	4	Ci.-Cu.	Cu.-N.	5	Ci.	Cu.
4	SE	1	Calm	----	SE	1	Calm	----	Calm	----	Calm	----	8	------------	S.-Cu.	7	Ci. NW	Cu. S
5	Calm	----	SE	1	SE	2	SE	2	SE	1	SE	1	0	------------	------------	4	------------	Fr.-Cu. SE
6	Calm	----	Calm	----	S	1	S	1	Calm	----	N	1	7	------------	S.-Cu.	5	Ci.	Cu.
7	Calm	----	Calm	----	S	1	NNW	1	NW	1	NW	2	0	------------	------------	3	------------	Cu.
8	Calm	----	Calm	----	S	1	SW	1	N	1	Calm	----	7	------------	S.-Cu.	5	Ci.	Cu.
9	Calm	----	S	1	S	2	S	2	Calm	----	NE	2	8	------------	S.-Cu.	2	------------	Cu.
10	Calm	----	Calm	----	SW	1	S	1	SW	1	NE	1	1	Ci.	------------	2	------------	Cu.
11	Calm	----	Calm	----	SSE	2	SE	1	N	1	Calm	----	0	------------	------------	6	------------	Cu.-N. SE
12	Calm	----	Calm	----	SE	1	SE	1	SE	1	Calm	----	6	A.-Cu.	Cu.-N.	8	------------	Cu. S
13	Calm	----	Calm	----	SE	1	SE	1	SW	1	Calm	----	0	------------	------------	8	------------	Cu. E
14	Calm	----	Calm	----	ESE	2	S	1	Calm	----	Calm	----	0	------------	------------	5	------------	Cu. E
15	Calm	----	Calm	----	SE	1	SE	1	SE	1	Calm	----	1	------------	S.	3	------------	Cu.
16	Calm	----	Calm	----	SE	2	SE	1	NE	1	NE	1	0	------------	------------	6	------------	Cu. E
17	Calm	----	SE	1	SE	1	SE	1	S	1	Calm	----	1	Ci.	------------	8	Ci.	Cu. SE
18	Calm	----	Calm	----	SE	1	SE	1	S	1	Calm	----	4	Ci.	S.	8	Ci.	Cu. S
19	Calm	----	Calm	----	SW	1	S	1	Calm	----	Calm	----	4	Ci.	Cu.	7	------------	Cu.-N. S
20	Calm	----	Calm	----	SE	1	SW	1	Calm	----	Calm	----	0	------------	------------	7	------------	Cu. SE
21	Calm	----	Calm	----	SW	1	SE	1	Calm	----	Calm	----	8	Ci.	S.	9	------------	Cu.-N. E
22	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	1	------------	S.	4	------------	Cu. SE
23	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	Calm	----	6	Ci.	Cu.	6	Ci.	Cu. E
24	Calm	----	Calm	----	Calm	----	NE	1	NE	1	Calm	----	6	Ci.	S.	10	Ci.-S.	Cu.-N.
25	Calm	----	Calm	----	ENE	1	NE	1	WSW	1	NE	1	2	Ci.	Cu.	8	------------	Cu.
26	Calm	----	Calm	----	Calm	----	N	1	Calm	----	Calm	----	6	Ci.	S.-Cu. ESE	7	Ci.-S.	Cu.-N. NE
27	SE	1	SE	1	SE	1	SW	3	SW	1	SW	1	10	------------	N.	10	------------	Cu.-N. S
28	Calm	----	SE	1	SE	2	SE	2	SE	1	Calm	----	6	Ci.	S.	8	------------	Fr.-N. SE
29	SW	1	SW	1	SE	2	SE	3	SE	2	SE	3	8	------------	S.	4	Ci.-S.	Cu.
30	S	2	SE	1	S	2	SE	3	SE	2	Calm	----	6	Ci.	------------	5	Ci.-S.	Fr.-Cu.
Mean	-------	0.2	-------	0.2	-------	1.2	-------	1.3	-------	0.8	-------	0.5	4.2	------------	------------	6	------------	------------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

JULY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.60	56.62	56.84	55.35	55.90	57.40	25.2	24.7	30.2	33.7	28.7	26.2	34.9	24.4	90	90	66	62	72	83	
2	57.14	57.10	57.64	56.06	56.12	57.92	25	23.8	32	29.3	28	25.5	36.1	23.2	89	96	63	76	81	92	
3	57.54	57.77	57.80	56.02	56.45	59.26	24.2	23.1	32.3	34.3	26.5	24.7	36.6	23	91	96	64	59	90	96	3.3
4	57.75	57.04	57.88	56.35	57	58.74	24.1	23.7	29.5	32.4	23.9	23.8	33.7	22.7	97	96	75	39	91	95	11.2
5	58.54	58.90	59.36	58.11	58.57	60.44	24	24.5	30.6	32.5	27.5	25.8	35.3	23.6	96	93	72	67	82	88	6.6
6	60.22	60.73	61.40	59.10	58.74	61.42	24.9	24.4	30.5	34.1	31.5	27.8	35	23.5	94	97	76	63	66	80	
7	60.29	59.98	60.25	58.18	59.99	61.76	25.6	24.4	31.1	34.9	24.6	23.8	35.8	23.5	91	97	68	51	83	88	
8	60.07	59.19	59.07	57.15	56.53	58.24	23	23	30.5	34.9	32.3	27.4	35.5	22.5	95	97	71	56	62	76	
9	57.82	57.58	57.70	55.63	55.78	57.75	24.8	22.8	30.5	34.6	33	27.2	37	22.2	86	95	68	55	58	84	
10	57.39	57.52	57.57	55.73	55.56	58.45	26.2	25.2	31.5	35.2	31.5	27	37.1	24.3	86	90	66	50	70	84	
11	57.73	57.78	57.77	55.83	55.70	58.25	25.2	24.5	31	34.7	30.4	26.1	37.2	23	88	87	68	56	69	89	1.5
12	57.74	57.50	57.52	55.37	55.33	57.02	24.2	23	30.5	34.8	30.6	27	36.3	23	90	95	71	54	72	83	
13	56.14	56.02	56.20	54.38	54.21	55.45	25	23.5	30.4	34.1	30.1	27.6	35.2	23	92	97	69	55	71	81	
14	55.12	53.84	54.22	53.47	54.17	55.14	25.9	25.4	31.5	31.3	24.9	24.7	33.2	24.5	88	88	66	69	92	95	18.5
15	54.44	54.24	54.96	53.77	53.83	55.35	24.1	23.7	25.1	28.2	28.5	25.5	29.8	23	90	94	91	79	78	88	21.8
16	55.19	55.06	55.69	53.85	54.11	55.45	24.7	24.2	24.6	24.6	25.6	24.1	26.2	22.9	92	96	94	90	87	91	19
17	54.38	54.63	55.01	54.82	54.74	56.37	23	22.7	25.4	29.1	28.4	24.5	29.5	22.1	97	95	88	74	79	91	1.3
18	56.60	57.26	58.44	57.12	56.46	57.76	23	22.4	29.3	33.2	30.7	26.4	33.9	21.6	93	93	72	57	73	90	
19	57.64	58.20	58.52	56.73	56.73	58.12	24.8	23.3	30.2	34.4	31.3	27	36.4	22.6	91	97	73	57	68	83	
20	57.81	57.89	59.14	58.21	58.46	59.69	25	23.5	27.5	29.3	28.6	23.5	30	23	93	97	84	76	80	92	2.5
21	59.53	60.29	60.31	59.35	58.78	60.73	22.7	22.2	30	33.9	31	27.1	35.8	21.6	95	95	71	57	72	87	
22	60.37	60.22	60.65	58.19	57.88	59.41	25.4	23.6	30.5	34.5	31.5	27.3	35.6	23.5	92	99	68	56	70	84	
23	58.13	57.96	58.20	56.27	55.80	56.98	25	24.2	31	35	31.1	26.6	36	23.5	96	94	69	56	56	90	
24	56.58	56.31	56.90	55.46	54.71	57.07	25	24.2	31.1	35.4	32	27.4	36.8	23.2	92	94	68	50	66	82	
25	56.06	56.22	57.17	55.39	55.38	57.30	25.1	24	31.2	34.7	30.8	26.5	36.4	23.2	92	93	67	51	64	80	
26	56.51	57.22	58.16	55.97	56.13	57.78	24.5	22.8	30.8	35.4	30.6	26.8	36.3	22.2	88	95	68	49	67	81	
27	57.05	57.74	57.92	55.85	56.30	57.09	25.4	24.6	31.6	35.4	30.5	27.5	37.4	23.4	86	87	66	50	56	73	
28	56.41	57.03	57.05	54.41	54.41	56	25.4	23.6	30	35.9	31.1	27.7	37	23.1	84	92	69	53	66	76	
29	55.53	55.57	55.86	53.74	53.41	55.52	25	23.7	32	36.7	32.6	27.5	37.6	23.3	92	98	63	41	54	70	
30	55.08	56.02	56.57	54.63	55.53	57.47	25	22.8	32.5	34.7	32.2	27	37	22	82	93	60	49	63	84	3
31	56.83	57.42	58	56.07	56.35	57.64	25	24	31.6	34.9	26.5	24.8	35.5	23.3	94	94	66	59	73	86	
Mean	57.23	57.32	57.73	56.02	56.10	57.84	24.7	23.7	30.2	33.4	29.6	26.2	35	23	91.2	94.2	71	58.6	72	85.2	
Total																					88.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm		Calm		SE	2	SE	2	SE	2	Calm		8	Ci.	S.-Cu.	7	Ci.-S.	N.-cf.
2	Calm		Calm		S	1	NW	2	S	1	S	1	7	A.-Cu.	S.	8		Cu.-N.NE
3	SE	1	SE	1	SE	1	SE	1	W	1	NW	1	5	A.-Cu. NW	S. SE	8		Cu.-N. SE
4	NW	1	Calm		SE	1	NE	1	Calm		Calm		10	Ci.	N.	10		Cu.-N. N
5	Calm		Calm		SW	1	S	1	SE	1	Calm		8		S.-Cu.	7	Ci.-S.	Cu. SE
6	Calm		Calm		Calm		Calm		Calm		NW	1	8		S.-Cu.	8	Ci.-S.	Cu.
7	Calm		SE	1	SE	1	Calm		NW	1	SE	2	4	A.-Cu.	S.-Cu.	8	Ci.-S.	Cu. S
8	S	1	SE	1	SE	2	NW	1	N	1	SE	2	8	Ci.	Cu.-N. N	6	Ci.	Cu.
9	Calm		Calm		SE	1	WNW	1	NE	1	NE	1	1	Ci.		3		Fr.-Cu.
10	Calm		Calm		SE	1	NE	1	NE	1	NE	3	4	Ci.		6	Ci.	Cu. E
11	Calm		Calm		SE	1	SE	1	N	2	SE	1	0		Cu.	5	Ci.	Cu. E
12	ESE	1	SE	1	SW	1	NE	1	N	2	SW	1	8		S.-Cu.	7	Ci.	Cu. E
13	S	1	Calm		NE	1	NE	1	NW	1	SE	1	8		S.-Cu.	8		Fr.-N.
14	SE	2	SE	1	SE	1	SE	1	Calm		SE	1	10		Fr.-N.	10		Cu.-N.NE
15	SE	1	Calm		SW	1	Calm		Calm		Calm		10		Cu.-N.	10		Cu.-N.
16	SW	1	Calm		SW	1	S	1	Calm		SE	1	10		N.	10		N.
17	SE	1	SE	1	S	1	SE	1	Calm		Calm		10		N.	10		S.-Cu.
18	Calm		Calm		S	1	S	1	Calm		SE	1	10		S.-Cu.	10	Ci.-S.	
19	Calm		Calm		SE	1	SE	1	N	1	Calm		0			6		Cu. S
20	Calm		Calm		Calm		Calm		SE	1	SE	1	8	Ci.	S.-Cu.	10		Cu.-N.
21	Calm		Calm		S	1	S	1	Calm		Calm		0			5	Ci. S	Cu. E
22	Calm		Calm		Calm		NW	1	SW	1	NE	1	0			6		Cu. E
23	Calm		Calm		Calm		NE	1	NW	1	NW	1	4	Ci.-Cu.	S.-Cu.	7		Cu. NW
24	Calm		Calm		SE	1	SE	1	NW	1	NW	1	6	Ci.	S.-Cu.	6		Cu. W
25	Calm		Calm		Calm		NW	1	NW	1	Calm		4		S.-Cu.	5		Cu. NNW
26	Calm		Calm		SE	1	Calm		NW	1	NW	1	0			6		Cu.
27	NW	1	S	1	SW	1	Calm		NW	1	NW	2	0			4		Cu. W
28	Calm		Calm		Calm		Calm		NW	1	NW	1	5	Ci.	S.	8	Ci.-S.	Cu. WSW
29	Calm		Calm		SE	1	N	1	NW	2	NW	2	2	Ci.		6		Cu. NNW
30	Calm		Calm		SE	1	SE	1	N	1	SE	1	5	Ci.	N.-cf.	10	Ci.-S.	Cu. W
31	SE	1	Calm		SE	1	SE	1	Calm		NW	1	10	Ci.-S.		10	Ci.-S.	Cu.-N.
Mean		0.4		0.2		0.9		0.8		0.8		0.9	5.6			7.4		

TUGUEGARAO.

[φ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

AUGUST, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.48	57.07	58.07	55.54	56.47	58.02	24.2	23.1	29.5	34.2	28	25.6	35.1	22.6	88	94	71	53	73	84	------
2	57.17	56.52	56.92	54.47	54.99	56.92	24.4	23.6	31	34.7	29	26.8	36.2	23	89	93	65	52	74	84	------
3	55.87	56.14	56.61	54.76	54.85	57.16	25.7	24.6	30.4	33.6	30.8	27.6	36.4	23.6	89	95	72	55	64	79	12.9
4	56.51	57.28	57.51	55.80	55.16	57.85	26	25	31.2	35	31.4	28.6	36.4	24	87	92	71	51	75	84	------
5	57.78	57.33	57.67	55.81	55.61	57.95	27	25.7	32.4	35.5	32.2	27.6	37.3	25	90	94	64	44	72	84	------
6	57.61	57.47	57.50	55.36	55.97	57.52	26	25.3	32.4	35.2	29.8	25.6	36.4	25	94	98	64	58	69	88	------
7	57.35	56.89	56.75	54.86	55.64	56.97	24.6	24	31.5	36.4	25.2	24	37.4	23.4	92	91	63	40	87	95	4.1
8	56.34	55.90	56.28	54.13	55.28	56.29	23.7	23.5	31.3	36	28.5	26	37.2	22.7	96	94	69	53	70	85	27.9
9	55.82	55.58	55.84	54.26	55.31	56.15	24.6	23.6	30.6	33	27.1	25.3	35.5	23.2	93	99	72	68	83	89	------
10	56.14	55.25	55.32	53.78	55.39	57.07	24.3	24	32	35.5	25.5	25.5	36.4	23.2	95	96	66	54	97	92	28.7
11	55.82	55.36	56.20	54.20	55	56.79	24.6	24.6	30.6	34.2	29.6	25.5	36	24	97	96	79	59	74	93	9.7
12	56.69	56.79	56.86	54.81	55.60	56.99	25.4	25.2	32.1	34.7	29.2	25.8	36	24.5	90	88	63	56	72	87	------
13	55.85	55.89	55.97	53.54	53.64	55.92	24.3	23.4	30.5	35	29.2	25	36.6	23.3	94	96	68	56	73	90	26.2
14	55.24	55.27	55.75	54.31	55.28	57	25.3	25	31.2	34.4	28.7	25.5	36.5	24.5	92	95	71	57	91	88	6.6
15	56.65	56.84	57.30	55.21	55.24	57.11	25	24.5	30.6	34.5	27	26	36.7	24.1	92	99	72	59	75	80	------
16	57.05	57.02	57.46	55.21	55.10	56.77	25.8	25.5	30.5	33	30.5	25.7	35.3	24.6	81	92	72	67	78	95	------
17	56.50	56.42	57.54	55.59	55.01	57.41	25.7	26	32	34.4	30.7	27.1	36.9	25	94	94	69	54	75	89	------
18	57.45	57.43	57.97	56.01	56.30	58.54	26.4	25.6	32.2	35.3	27.1	26.5	37.3	25.2	91	95	68	56	79	92	------
19	58.25	58.03	58.50	56.62	56.61	58.36	25.2	25	30.8	34.6	29.7	26.7	36.4	24.5	92	88	67	56	72	87	------
20	57.73	57.84	58.32	56.70	56.28	58.65	25.5	25	31.5	31.7	31.4	27	35.6	24.5	95	98	66	66	70	84	------
21	57.93	58.04	58.22	56.16	56.69	58.82	24.6	23.8	32.5	34.9	29	26.5	36.7	23	95	95	63	54	76	88	------
22	58.17	57.91	58.50	56.71	56.66	58.94	25	24.3	32.5	35.6	32.6	28.7	36.6	24	92	94	66	52	65	90	------
23	58.60	58.24	58.97	57.13	56.95	58.46	25.8	24.1	30	33.4	29.6	26	34.4	23.5	97	94	73	63	69	82	8.2
24	57.67	57.64	58.55	57.77	56.83	58.10	24.5	24.1	23.5	24.8	24.7	24.2	27.4	23.5	94	96	98	93	94	97	24.9
25	57.25	56.59	57.46	55.73	55.57	57.26	23.9	23.7	29.6	29.3	28.6	25.7	31.9	23.2	99	100	73	81	76	91	2.3
26	55.89	56.04	56.51	54.72	54.55	56.45	24.8	23.8	30.3	32.6	30.8	25.6	34.2	23.5	94	97	70	63	63	87	------
27	55.70	55.72	56.52	54.99	54.71	56.62	25.2	24.9	26.5	29	26.9	25	30.3	24.1	90	92	88	79	90	92	13.9
28	56.09	55.89	56.87	54.76	54.99	56.74	24.4	23.8	26.8	28.5	25.3	24.1	29.2	23	95	97	90	85	93	95	1.5
29	55.67	54.94	55.62	53.75	54.51	55.84	24.1	24	29.4	31.2	28	25.7	31.9	23.5	95	96	82	73	85	91	------
30	54.87	54.65	55.50	53.56	53.95	55.30	24.8	24	32.1	32.3	28.5	26.6	34.5	23.5	94	96	63	67	85	90	------
31	53.74	54	54.89	52.74	53.49	54.99	25.3	24.8	30.5	33.9	31.8	27.8	34.4	24.3	94	95	68	61	70	76	------
Mean	56.67	56.52	57.03	55.13	55.41	57.19	25	24.4	30.6	33.4	28.9	26.1	35.1	23.8	92.6	94.8	71.2	60.8	77.1	88	------
Total	-------	-------	-------	-------	-------	-------	------	------	------	------	------	------	------	------	-----	-----	-----	-----	-----	-----	166.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	2	SE	1	S	1	NE	1	NE	3	NW	2	6	------------	Fr.-N.	8	Ci.-S.	Cu.
2	SE	1	SE	1	SE	1	NE	1	NE	1	Calm	----	8	Ci.	N.	6	Ci.	N. SW
3	Calm	----	Calm	----	SE	1	SE	1	NW	1	Calm	----	7	Ci.	S.-Cu.	6	Ci.-S.	Cu. SE
4	Calm	----	Calm	----	SE	1	SE	2	Calm	----	NW	2	10	------------	N.	4	------------	Cu.
5	SE	1	SE	1	SE	1	SSE	1	NW	1	NW	2	10	------------	N.	7	Ci.-S.	Cu. S
6	Calm	----	Calm	----	SE	1	Calm	----	N	2	Calm	----	4	Ci.	N.-cf.	8	Ci.-S.	Cu.
7	Calm	----	SE	1	SE	1	NE	1	Calm	----	Calm	----	8	------------	S.-Cu. S	7	------------	Cu.-N.
8	S	1	Calm	----	SE	1	NW	1	NW	2	Calm	----	8	Ci.	------------	6	------------	Cu.
9	Calm	----	SW	1	SE	1	SE	1	N	1	N	1	7	Ci.	S.-Cu. SW	10	Ci.	Cu. SE
10	Calm	----	SE	1	Calm	----	SE	1	Calm	----	Calm	----	5	Ci.	------------	4	------------	Cu.
11	SE	1	SE	1	SW	2	Calm	----	Calm	----	SE	1	9	------------	Cu.-N. S	4	Ci.	Cu.
12	SE	1	SE	1	S	2	Calm	----	Calm	----	SE	1	5	Ci.	S.-Cu. SE	6	Ci.	Cu.
13	SE	1	Calm	----	SE	1	N	1	NW	2	NW	1	6	Ci.	S.-Cu. S	5	Ci.	Cu. NW
14	Calm	----	Calm	----	SE	2	Calm	----	NW	1	E	1	0	------------	------------	3	------------	Cu.
15	Calm	----	Calm	----	SE	1	Calm	----	NE	2	Calm	----	4	Ci.	Cu. S	4	------------	Cu. SE
16	Calm	----	Calm	----	SE	1	SE	1	NE	1	NE	1	7	------------	Cu.-N. E	7	Ci.	Cu. SE
17	NE	1	Calm	----	SE	1	SE	1	NW	1	Calm	----	8	------------	Cu.-N.	4	------------	Cu. E
18	Calm	----	Calm	----	SE	1	Calm	----	NW	1	SE	2	5	Ci.	S.	6	------------	Cu. SE
19	S	1	SW	2	Calm	----	N	1	Calm	----	SE	1	8	------------	Cu.-N.	7	Ci.-S.	Cu.
20	Calm	----	Calm	----	Calm	----	NE	1	NE	1	Calm	----	8	------------	S.-Cu. SE	8	------------	Cu. NE
21	Calm	----	Calm	----	S	2	SW	1	SW	1	Calm	----	4	Ci.	------------	7	Ci.-S.	Cu. S
22	Calm	----	Calm	----	SE	2	SE	2	NE	1	NW	4	1	Ci.	S.	2	------------	Cu.
23	Calm	----	Calm	----	Calm	----	NW	1	NW	1	SW	1	8	Ci.	------------	8	Ci.-S.	Cu.-N.NE
24	Calm	----	NW	1	Calm	----	Calm	----	Calm	----	Calm	----	10	------------	Cu.-N.	10	------------	N.
25	Calm	----	Calm	----	SE	1	NE	1	NE	1	NE	1	9	Ci.	Cu.-N. SE	10	Ci.-S.	Cu.-N.
26	Calm	----	SE	1	S	1	SE	1	Calm	----	SE	1	7	Ci.	N.-cf.	8	Ci.-S.	------------
27	SE	1	SE	1	SW	1	Calm	----	Calm	----	NW	1	10	------------	N.	10	------------	N.
28	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	Calm	----	10	------------	N.	9	------------	N.
29	Calm	----	SE	1	SE	1	Calm	----	Calm	----	Calm	----	8	------------	Cu.-N.	10	Ci.-S.	Fr.-N.
30	Calm	----	Calm	----	SE	1	NE	1	Calm	----	SW	1	4	Ci.	N.-cf.	8	------------	Cu.-N. S
31	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	8	------------	S.-Cu.	6	------------	Cu. W
Mean	-------	0.4	-------	0.5	-------	1	-------	0.7	-------	0.8	-------	0.8	6.8	------------	------------	6.7	------------	------------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

SEPTEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	53.70	53.59	53.57	52.31	52.23	54.60	26.2	25	30.4	34.7	35.7	30.2	37.5	24.5	85	92	70	59	59	80	------
2	53.69	53.50	53.94	51.89	53.32	54.50	25.5	24	33.1	36.3	28.2	25.4	37.3	23.7	88	96	53	41	70	84	------
3	53.91	53.81	53.86	51.96	51.87	53.92	23.7	23.5	33.1	35.6	32.6	28	37.1	22.5	92	92	58	49	79	79	------
4	53.12	53.07	53.21	51.58	53.02	54.10	25.6	25	32.1	35.5	24.9	24.7	36.4	23.8	90	92	63	52	94	92	33.1
5	53.07	52.59	53.48	52.05	52.37	54.02	24.5	24.4	27	29.7	27	25.2	31.4	24	91	92	86	77	91	94	2.8
6	53.24	52.74	53.76	52.15	52.34	53.94	24.7	24.5	27	31.7	27.5	25.6	32	24	94	92	84	66	85	90	------
7	53.16	53.19	54.68	53.23	54.89	56.68	24.7	24	31.6	33.9	27.5	25.8	36	23.3	92	95	66	61	84	92	9.1
8	56.12	56.49	57.90	56.09	56.85	59.47	24.8	24.5	30.1	33.7	29	24	35.5	23	96	96	77	59	79	94	12.2
9	58.29	58.74	59.61	57.24	57.91	59.72	23.9	23.6	29.2	33.9	26.5	25.1	34.8	22.6	95	97	76	58	88	•91	------
10	59.12	58.84	59.42	56.95	56.68	58.12	24.4	23.8	29.1	33.4	30.4	26.6	34.5	23.1	93	93	78	58	84	91	------
11	57.64	58.29	59.03	57.20	57.87	59.28	25.5	24.3	30.3	31.1	26.6	25.4	34.2	23.7	93	94	76	71	91	93	------
12	58.87	59.54	60.60	57.63	57.58	60.42	24.7	24	30.6	33.5	30.9	27.6	35.4	23.8	95	97	74	63	68	80	------
13	59.92	59.70	60.42	58.46	58.10	59.80	25	24	29.5	30.5	29.2	25.2	33.6	23.4	92	91	66	65	76	87	------
14	58.84	58.79	59.75	58.04	57.72	59.54	24	23.3	27	29	27.7	25	31.5	23	97	99	84	78	83	93	------
15	58.85	58.72	59.92	57.18	57.45	58.86	24.3	23.4	30.6	33.3	27.6	25.4	35.1	22.6	91	93	62	66	84	93	------
16	58.47	58.12	59.10	57.42	57.72	59.63	24.4	22.6	31.2	28.5	26.5	24.6	33.8	22.2	91	96	64	78	85	93	------
17	58.62	58.89	60.08	58.27	58	60.53	23.8	23	29.7	30	28.9	26	33.2	22.5	94	95	73	73	82	89	------
18	59.96	59.89	60.80	57.43	59.64	61.12	25	24.1	28.8	33.3	24.7	24.2	34.7	23.4	93	99	79	62	90	93	13.9
19	60.20	60.07	60.89	58	57.96	59.93	24	24	27.6	30.4	27.6	25.4	32.3	23.3	95	96	81	78	91	88	------
20	58.80	58.56	58.99	56.73	57.08	59.07	24.6	24.4	30	33.8	30.4	25.9	34.8	23.5	95	94	71	65	72	85	------
21	58.73	58.94	59.31	57.08	57.41	59.17	23.2	22.4	30	33.5	28.6	25.6	34.9	22	95	96	68	62	87	85	2.3
22	58.41	59.24	60.47	58.20	58.57	60.04	24.4	23.8	28.1	31.9	27.8	24.5	32.6	23.4	92	96	80	73	88	96	------
23	59.48	59.40	60.27	57.42	57.55	59.11	24	23.7	30.1	33.5	29.4	26	34.2	23.1	97	98	73	64	73	89	3.8
24	57.56	57.29	51.70	42.65	51.24	55.03	------	------	------	------	------	------	------	------	------	------	------	------	------	------	95.6
25	55.52	56.28	58.06	55.87	55.81	57.83	23.1	22.7	28.6	31.2	27.6	25.3	32.6	22.5	97	98	77	68	91	89	------
26	57.24	57.64	58.21	55.61	55.92	57.04	24	23	29.5	30.7	26.4	24.8	32.7	22.8	95	100	77	73	89	91	------
27	56.24	56.39	55.99	53.07	53.48	54.62	23.6	23	28.4	32.1	27.4	26	32.7	22.7	97	100	73	65	88	88	------
28	53.05	52.74	52.54	49.68	49.40	51.34	24.3	23.7	29	32.5	30	26.2	34.5	23.4	96	97	78	75	87	90	6.9
29	49.90	50.51	51.88	50.05	51.17	52.51	25.3	24.8	30.3	32.7	28.9	26.2	33.4	24.1	93	93	70	70	85	86	------
30	52.70	53.16	54.50	53.24	54.59	57.21	25.6	25.1	31.6	33.2	30.3	26.5	34.3	24	87	87	62	74	88	88	------
Mean	56.55	56.62	57.20	54.82	55.52	57.37	24.5	23.8	29.8	32.5	28.5	25.7	34.2	23.2	93.1	95	72.4	65.6	83.1	89.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	179.7

Day.	Wind. 2 a. m. Direction.	Force.	6 a. m. Direction.	Force.	10 a. m. Direction.	Force.	2 p. m. Direction.	Force.	6 p. m. Direction.	Force.	10 p. m. Direction.	Force.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	SE	2	SE	1	Calm	----	NE	1	6	------	S.-Cu.	9	------	S.-Cu.
2	Calm	----	Calm	----	SE	2	SW	1	SE	4	SE	1	8	Ci.-S.	S.	7	Ci.-S.	Cu.
3	Calm	----	Calm	----	SE	2	SE	1	NE	1	NE	1	8	Ci.-S.	------	7	------	Cu. SW
4	NE	1	Calm	----	SE	2	SE	1	NW	1	NW	1	10	------	S.-Cu.	7	Ci.-S.	Cu. SSW
5	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	SE	1	10	------	S.-Cu.	9	------	Fr.-N.
6	SE	1	Calm	----	Calm	----	SE	1	Calm	----	SE	1	10	A.-S.	------	6	------	Fr.-Cu.
7	Calm	----	Calm	----	SE	1	S	1	NE	1	Calm	----	7	Ci.	S.	8	Ci.-S.	Cu. N
8	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	SE	1	10	------	Cu.-N.	6	Ci.-S.	Cu.
9	Calm	----	Calm	----	S	1	SE	1	NW	1	NW	1	8	------	S.-Cu.	7	Ci.	Cu.-N. SE
10	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	9	------	S.-Cu.	6	------	Cu.
11	Calm	----	Calm	----	SE	1	NE	1	NW	1	NW	1	6	Ci.	N. S	10	------	Cu.-N.
12	Calm	----	Calm	----	SE	1	SE	2	NW	1	SE	1	7	------	Cu.-N.	8	Ci.-Cu.	Cu. S
13	Calm	----	Calm	----	Calm	----	Calm	----	NE	1	NE	1	8	Ci.-Cu.	Cu.	8	Ci.-S.	Cu.
14	Calm	----	Calm	----	SE	1	SE	1	SE	1	SE	1	8	------	S.-Cu.	10	------	Cu.-N.
15	Calm	----	Calm	----	SE	1	SE	1	SE	1	Calm	----	1	------	S.	6	Ci.-S.	Cu. S
16	Calm	----	Calm	----	SE	1	SE	5	Calm	----	SE	1	4	Ci.	N.-cf.	10	------	Cu.-N. SE
17	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	2	------	S.	7	------	N. SE
18	Calm	----	Calm	----	Calm	----	NE	1	NW	3	Calm	----	7	Ci.-S.	N.-cf.	7	------	Cu. N
19	Calm	----	Calm	----	Calm	----	NE	1	Calm	----	Calm	----	10	------	Cu.-N.	7	Ci.-S.	Cu.-N. N
20	SW	1	SW	1	SE	1	SE	2	SE	1	Calm	----	10	------	N.	7	------	Cu. SE
21	Calm	----	Calm	----	NE	1	NE	1	Calm	----	N	1	2	------	S.	5	------	Cu.-N. NW
22	Calm	----	Calm	----	SE	1	SE	2	SE	1	SW	1	10	------	Cu.-N.	8	Ci.-S.	Cu. SE
23	Calm	----	Calm	----	NE	1	NE	1	NW	1	NW	1	8	Ci.	Cu.-N. S	5	Ci.	Cu. N
24	NE	2	NE	3	NW	5	NW	7	Calm	----	Calm	----	10	------	N. N	10	------	N. NW
25	Calm	----	Calm	----	Calm	----	NE	1	NE	1	Calm	----	8	Ci.	S.-Cu. SSE	7	Ci.-S.	N.-cf. E
26	Calm	----	Calm	----	NW	1	NE	3	NE	1	NE	1	4	Ci.	------	7	Ci.-S.	Cu.-N. N
27	Calm	----	Calm	----	Calm	----	NE	1	NE	2	NW	1	8	------	S.-Cu.	5	Ci.-S.	Cu.
28	Calm	----	Calm	----	SW	2	SW	1	Calm	----	SW	1	7	------	S.-Cu.	7	Ci.-S.	Cu.
29	SE	1	SE	1	SW	3	SE	5	SW	3	SW	1	7	------	S.-Cu.	6	------	Cu. S
30	SW	1	Calm	----	SE	3	SW	3	SW	1	NE	2	8	------	S.-Cu.	8	Ci.-S.	------
Mean	------	0.2	------	0.2	------	1.1	------	1.7	------	0.9	------	0.7	7.4	------	------	7.3	------	------

TUGUEGARAO.

[ϕ=17° 36′ N ; λ=121° 40′ E ; barometer above sea, 23 meters ; gravity correction not applied, —1.61 mm.]

OCTOBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.88	56.54	57.80	55.92	57	59.52	25	24.7	31.2	34.8	28	25	35.5	24	98	97	64	56	85	93	9.7
2	57.75	58.19	59.13	56.28	57.17	58.27	23.3	22.7	29.4	32.4	26	25.2	33.7	22.2	98	98	75	73	93	97	6.4
3	57.01	57.13	58.25	56.49	55.94	57.72	25	24.8	25.2	27.2	25	25	28.4	23	97	98	95	83	92	90	25
4	56.84	57.14	58.74	57.46	57.32	58.64	24.5	24.3	24.3	28.3	26.5	25	28.5	23.1	93	95	97	86	92	97	5.3
5	58.47	58.60	59.52	57.09	57.77	59.90	24.5	24.1	30	33.6	28.8	26.4	35	23.6	97	99	72	60	83	89	------
6	58.93	59.16	59.61	56.95	57.62	59.70	25.2	25	29.5	31.9	28	26.6	33.5	24.5	97	96	81	76	88	87	------
7	58.97	58.59	59.27	56.70	57.65	58.44	25.1	23.6	29.8	33	28.4	24.5	33.1	22.7	89	95	71	68	85	92	2.3
8	57.57	57.04	58.04	56.29	56.99	57.89	23.8	23.6	26.5	28.4	25.4	24.5	32.3	23.2	95	95	86	82	86	92	27.2
9	57.73	57.71	58.97	57.87	57.90	59.37	23.2	22.4	26.9	23.7	25.3	24.6	29.3	22.1	97	100	71	92	98	92	3
10	58.74	59.19	60.29	58.37	58.83	60.89	23.8	23.5	28.3	30.4	25.3	23.6	30.9	22.7	98	100	72	66	77	89	------
11	60.06	60.59	61.67	59.56	60.14	61.52	22	21.2	27.5	30.4	25	24.1	30.7	20.4	93	94	69	68	77	76	------
12	60.78	60.90	61.95	59.80	60.30	61.56	22.5	21.7	27.3	28.3	24.4	24.1	30.6	21	84	89	71	75	91	88	------
13	60.38	60.15	62.02	59.87	60.14	61.74	23	22.5	25.4	26.6	24.8	23	29.6	22	91	92	77	83	80	88	------
14	61.30	60.94	62.17	59.86	60.39	61.69	22	21.5	25.7	28.6	24.8	24	29.6	20.6	92	92	79	81	83	83	------
15	60.54	60.88	62.35	59.45	59.62	61.14	22.8	22.5	27	30.9	31.2	25.3	31.9	22	89	87	80	72	53	84	------
16	60.61	61.04	61.91	59.20	59.49	61.30	23.5	23.1	27.4	30.8	25.1	24.4	30.9	22.4	91	93	75	70	91	92	------
17	60.84	61.44	62.40	59.82	59.99	61.78	23.2	22.5	27.6	28.9	26	23.8	30.5	21.5	95	92	72	71	88	86	------
18	61.58	61.97	63.10	60.57	60.32	62.11	22	20.9	27.7	31.7	27.6	24.6	32.3	20.5	96	96	74	67	89	90	------
19	61.60	61.52	62.57	59.92	59.48	61.07	24.2	24	28.3	30.9	26.9	24	32.4	22.9	91	93	72	74	88	88	------
20	60.74	60.96	62.15	59.35	59.51	60.99	22.4	21.8	29.2	32.8	27.8	23.4	33.7	21	94	95	67	65	71	90	------
21	60.78	61.04	62.12	59.22	59.70	61.61	22	21	28	32.4	29.4	24.2	33.9	20	96	97	73	59	70	86	------
22	60.80	60.94	62.62	60.02	59.85	61.47	23	22	26.4	25.7	24.8	23.7	29.1	21.4	90	93	85	93	93	91	------
23	60.54	60.89	62.12	59.52	59.25	60.50	23.2	23	26.7	32.3	28	24.5	33.4	22	95	96	90	68	80	87	------
24	60.14	60.45	60.79	58.35	58.51	60.94	23.1	23	29.5	33.4	27.2	25.5	34.4	21.4	97	97	75	54	73	80	------
25	60.69	61.19	62.15	59.31	59.43	61.46	23.1	22.5	30	31.5	26.4	24.4	32.7	21.9	96	96	71	64	80	87	------
26	61.14	61.87	62.91	60.22	60.45	61.83	23.6	23.5	24.6	27.3	25.4	24.3	28.4	22.6	92	92	87	78	82	83	1.5
27	60.66	61.12	62.15	59.55	59.70	61.28	22.7	21.6	28	30.6	27.5	24.1	31.5	21.3	87	90	72	67	76	91	------
28	60.54	60.36	61.85	58.92	59.43	61.29	22.4	21.9	28.6	31.3	26.7	23.5	32.2	21.5	94	95	73	60	80	89	------
29	60.31	60.56	62.13	59.92	60.28	61.66	21.8	20.6	26.7	27.3	25.2	24.4	28.9	20	95	97	81	87	90	95	------
30	60.34	60.55	61.47	58.46	58.63	59.74	23.2	22.4	27.6	31.4	28.3	25.4	33.6	21.5	93	93	77	64	74	86	9.4
31	57.88	57.99	59.16	56.70	57.86	58.91	24.2	23.7	27.2	30	25.9	24.7	31.1	23.1	94	97	90	73	91	89	5
Mean	59.71	59.89	61.01	58.61	58.92	60.51	23.3	22.8	27.7	30.2	26.6	24.5	31.7	22	93.7	94.8	77.2	72.1	83.2	88.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	94.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	S	1	SE	1	NW	2	NW	1	6	------------	S.-Cu.	7	------------	Cu. E
2	Calm	----	Calm	----	SE	1	SE	1	NW	1	Calm	----	7	Ci.-S.	S.	8	Ci.-S.	Cu.
3	Calm	----	Calm	----	Calm	----	NW	1	NW	1	NW	1	10	------------	N.	8	------------	Cu.-N.
4	Calm	----	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	10	------------	N.	10	------------	Cu.-N.
5	Calm	----	SE	1	SE	1	SE	1	NW	2	NW	2	3	A.-Cu.	S.	7	Ci.	Cu.
6	S	1	Calm	----	Calm	----	Calm	----	NW	1	NW	1	9	------------	N.	9	Ci.-S.	Cu.-N. ESE
7	SE	1	S	1	SE	1	NW	1	W	1	NW	1	6	------------	Cu.-N.	8	A.-Cu.	Cu. E
8	Calm	----	Calm	----	Calm	----	NE	2	NE	1	NE	1	6	------------	S.-Cu.	10	------------	Cu.-N. N
9	Calm	----	Calm	----	NW	1	Calm	----	Calm	----	Calm	----	10	------------	Cu.-N.	10	------------	Cu.-N.
10	Calm	----	NE	1	NNW	2	NE	1	NE	2	NW	2	9	------------	S.-Cu.	7	Ci.	Cu. N
11	Calm	----	Calm	----	NW	1	NW	1	NW	1	N	2	8	------------	S.-Cu.	7	------------	S.-Cu. W
12	NW	1	NW	1	N	1	NW	2	NW	1	NW	3	6	Ci.	S.-Cu.	8	------------	Cu.-N. N
13	NW	1	NW	2	NW	3	NW	3	NW	2	NW	3	7	Ci.	S.-Cu.	10	------------	Cu.-N.
14	NW	1	NE	1	Calm	----	NW	1	NW	1	NW	1	7	Ci.	S.-Cu.	10	------------	S.-Cu.
15	Calm	----	Calm	----	Calm	----	NW	1	NW	2	Calm	----	10	------------	S.-Cu.	6	------------	Cu.
16	NW	1	Calm	----	Calm	----	NW	1	NW	1	NW	1	6	------------	S.-Cu.	6	------------	Cu.
17	Calm	----	Calm	----	NE	1	NW	1	NW	1	Calm	----	8	------------	S.-Cu.	10	------------	Fr.-N.
18	Calm	----	Calm	----	SE	1	NW	1	Calm	----	Calm	----	2	------------	S.	7	------------	Cu. E
19	Calm	----	Calm	----	NE	1	NE	1	Calm	----	Calm	----	8	------------	S.-Cu.	6	------------	Cu. NE
20	Calm	----	Calm	----	Calm	----	NW	1	NE	1	Calm	----	2	------------	S.	5	------------	Fr.-Cu. N
21	Calm	----	Calm	----	Calm	----	NE	1	NE	1	Calm	----	6	------------	S.-Cu.	4	------------	Fr.-Cu. E
22	Calm	----	Calm	----	SW	2	Calm	----	Calm	----	Calm	----	2	------------	S.-Cu.	10	------------	Cu.-N.
23	Calm	----	SE	1	SE	1	SE	1	Calm	----	NW	1	8	Ci.	S.-Cu.	4	------------	Fr.-Cu. SE
24	Calm	----	Calm	----	NE	1	NE	1	NNE	1	Calm	----	9	------------	S.-Cu.	7	------------	Cu. N
25	Calm	----	Calm	----	Calm	----	NE	1	Calm	----	NW	1	6	------------	S.-Cu.	8	------------	Cu. NW
26	N	1	NE	1	NE	1	NE	2	NE	1	NW	2	6	------------	S.-Cu.	10	------------	N.
27	Calm	----	Calm	----	NW	1	NE	2	N	1	NW	2	6	Ci.-Cu.	S.	4	------------	Cu. NW
28	Calm	----	Calm	----	Calm	----	NW	2	NW	2	Calm	----	4	------------	S.-Cu.	7	------------	Cu. NW
29	Calm	----	Calm	----	SE	1	NE	1	NW	1	NW	3	5	Ci.	S. E	10	------------	Cu.-N. E
30	NE	1	N	1	NE	1	NE	3	NE	1	NE	1	8	------------	S.-Cu.	10	------------	Cu.-N. NE
31	N	1	NE	1	NE	1	NE	2	NE	1	NE	3	4	------------	Cu. NE	10	------------	Cu.-N. E
Mean	-------	0.3	-------	0.4	-------	0.8	-------	1.2	-------	1	-------	1	6.6	------------	------------	7.8	------------	------------

TUGUEGARAO.

[ϕ=17° 36′ N ; λ=121° 40′ E ; barometer above sea, 23 meters ; gravity correction not applied, —1.61 mm.]

NOVEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.35	57.68	58.44	58.71	57.12	58.94	23.2	22.8	27.7	29.4	27	24.5	31.4	22.3	97	97	84	79	83	94	16.8
2	58.14	58.55	60.30	57.97	58.91	60.53	24	23.5	25.6	29.6	26.7	25.1	30.3	23	95	96	94	71	91	92	52.6
3	60.39	60.79	61.87	59.29	59.39	60.79	23.8	23.5	24.3	27.2	25.8	24.5	29	22.4	96	97	91	90	90	92	4.8
4	59.98	60.30	62.03	59.33	59.14	60.95	23.6	23.4	26.7	30.2	26.9	24.5	31.3	22.5	97	97	86	71	83	92	------
5	60.31	60.49	61.72	58.81	59.39	60.75	23.8	23.5	28.4	31.7	26.3	24.5	32.7	22.1	96	96	85	58	81	87	------
6	60.34	60.46	61.29	58.50	58.83	60.64	21.8	21.8	26.5	30.9	28.3	25	31.9	20.7	97	99	80	69	79	92	------
7	60.35	60.74	61.52	59.24	59.53	60.54	23.7	23	27.8	30	27.1	25.5	32.3	22.5	96	97	87	71	85	86	10.2
8	59.64	60.07	60.62	57.74	58.04	59.15	24.5	24.1	28.3	32.3	28.9	26.1	33.7	23.5	94	96	79	63	77	86	------
9	58.52	58.57	59.37	56.26	57.06	58.50	24.5	23.3	30.4	33.2	28.2	25.7	33.6	23	93	97	70	69	79	90	1.8
10	57.44	57.57	58.59	55.96	56.42	57.95	23.8	23	27.4	29.5	26.6	24.5	31.8	22.6	97	97	85	76	80	90	12.7
11	56.87	57.89	59.01	57.76	58.59	60.21	23.6	23	24.5	23.3	22.4	21.7	25.4	21.5	97	100	92	91	96	96	3
12	58.81	59.45	60.92	58.55	59.56	60.87	21.5	21	24	25	23.3	22.5	25.7	20.8	95	95	81	86	90	89	------
13	59.90	60.80	61.61	59	58.99	59.06	22.1	21.6	26.2	26.2	23.5	23.5	26.9	20.6	89	90	79	75	91	91	26.7
14	57.26	57.19	58.01	56.38	56.73	57.96	22.5	22.4	23.6	24.4	24	23.5	25.1	22.2	100	100	97	97	100	100	19.8
15	56.60	57.26	58.49	56.58	56.27	58.50	23.2	23	26	28.7	25.8	24.4	29.8	22.1	97	91	92	83	93	95	------
16	58.15	58.45	60.07	58.37	59.07	60.44	23.4	23	28	30.1	26	24.5	32	22.4	96	97	88	67	70	87	24.7
17	59.64	59.05	60.66	60.06	60.71	61.84	23	22.6	21.4	21.4	21.5	21.4	24.2	21	98	100	96	100	99	99	170.2
18	61.18	61.30	62.30	60.17	60.41	61.63	21.3	21.2	22.1	22.4	22.5	22.6	23.4	21	99	100	93	95	90	90	14.5
19	61	61.02	62.03	60.39	60.42	60.79	22.6	22.8	24	24.4	22.4	22.3	25.4	21	90	89	87	92	95	94	3.8
20	59.84	60.29	60.98	58.94	59.39	60.66	22.2	23	25.7	27.9	25	24.2	28.9	21.6	94	90	83	80	88	88	------
21	59.81	60.27	61.67	59.67	60.36	61.19	23.7	23.4	27	28	24.9	24.6	28.7	22.5	90	89	73	80	82	84	------
22	59.11	58.22	58.06	55.83	56.39	57.99	24.3	24	24.5	24.4	23.6	23.7	25	22	86	87	92	95	99	98	65.6
23	57.36	58.44	59.83	57.60	58.07	59.09	23.6	23.5	24.5	26.6	25.8	24.5	27.2	23	98	99	97	85	90	96	4.6
24	58.66	58.91	60.22	57.76	58.79	60.47	23.5	23	27.5	29.5	26.4	25.1	29.9	22.7	96	98	86	81	88	92	5.9
25	59.27	59.33	60.77	58.30	58.48	60.57	24	23.7	27	31.5	27.7	25.1	32.3	23.1	97	98	84	75	79	87	3.8
26	60.65	60.36	61.57	59.22	59.42	60.60	23	21.4	26	29.4	26	23	30.2	20.5	94	96	87	75	82	94	------
27	60.54	60.91	62.14	59.16	59.10	60.67	22.5	22	24.6	30.4	26.8	24	31.6	21.4	95	96	91	72	80	83	------
28	60.22	60.36	61.11	58.72	58.56	59.86	21.9	21	28	31.1	26.4	23	32.7	20.3	88	93	76	71	87	90	------
29	59.49	59.91	61.08	58.58	59.21	60.39	21.8	20.6	26.6	31.2	26.5	23.3	32	19.5	93	100	72	72	88	92	------
30	59.88	60.19	61.24	58.82	58.88	60.59	21.5	20.7	27	30	27.5	23.7	32.4	20.5	97	99	88	71	83	91	------
Mean	59.22	59.49	60.58	58.32	58.71	60.07	23.1	22.6	26	28.3	25.7	24	29.6	21.8	94.9	95.9	85.8	78.7	86.6	91.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	441.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	Calm	----	NE	3	NW	1	NW	1	Calm	----	10	------------	Cu.-N. E	8	------------	Cu. N
2	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	10	------------	N.	8	------------	Cu.-N. NE
3	Calm	----	NE	1	Calm	----	NE	1	NW	1	Calm	----	10	------------	N.	10	------------	Cu.-N. E
4	Calm	----	Calm	----	Calm	----	E	1	Calm	----	Calm	----	8	------------	Cu.-N.	8	Ci.	Cu. E
5	Calm	----	Calm	----	N	1	Calm	----	NW	1	NW	1	10	------------	S.-Cu.	8	------------	Cu.-N. ENE
6	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	Calm	----	7	------------	S.-Cu.	3	------------	Fr.-Cu.
7	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	Calm	----	10	------------	S.-Cu.	10	------------	Cu.-N.
8	Calm	----	Calm	----	Calm	----	S	1	Calm	----	Calm	----	8	------------	Cu.-N. S	5	------------	Cu.-N. S
9	Calm	----	SE	1	Calm	----	Calm	----	NW	2	NW	2	3	A.-Cu.	------------	6	Ci.	Cu.
10	Calm	----	Calm	----	Calm	----	NW	2	NW	2	NW	3	4	Ci.	S.	8	Ci.-S.	Cu. N
11	NW	3	NW	2	NW	2	NW	3	NW	3	NW	3	10	------------	Cu.-N. NW	10	------------	Cu.-N. NW
12	NW	2	NW	3	NW	2	NW	2	NW	2	NW	3	10	------------	Cu.-N. NW	10	------------	S.-Cu. N
13	NW	2	NW	1	NW	2	NE	2	NW	2	NW	4	10	------------	S.-Cu. NW	10	A.-S.	------------
14	NW	5	Calm	----	Calm	----	NE	1	Calm	----	Calm	----	10	------------	N.	10	------------	N.
15	Calm	----	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	10	------------	N.	8	Ci.-S.	Cu.
16	Calm	----	Calm	----	Calm	----	NE	2	NW	1	NE	1	4	------------	S.	4	Ci.	Cu.
17	NW	2	NW	2	SE	2	Calm	----	NE	1	NE	3	10	------------	N.	10	------------	N.
18	NE	2	NE	3	NW	3	NW	2	NW	4	NW	4	10	------------	N. N	10	------------	Cu.-N. NW
19	NW	3	NW	2	NW	3	NW	2	NW	2	NW	2	10	------------	Cu.-N. N	10	------------	Cu.-N. NW
20	NW	1	NW	2	NW	2	NW	2	NW	2	NW	2	7	Ci.-S.	Cu.-N.	8	------------	Cu.-N. N
21	NW	3	NW	2	NW	3	NW	3	NW	2	NW	3	5	Ci.	S.-Cu. S	7	Ci. N	Cu. NE
22	NE	2	NW	3	NW	3	NW	2	NW	2	Calm	----	10	------------	N. N	10	------------	N. E
23	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	10	------------	N.	10	------------	Cu.-N. S
24	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	6	------------	N.-cf.	8	------------	Cu.-N. SE
25	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	10	------------	N.	5	Ci.-Cu.	Cu. SE
26	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	10	------------	S.-Cu.	8	------------	Cu.-N. E
27	Calm	----	Calm	----	S	1	Calm	----	Calm	----	Calm	----	8	------------	Cu.-N.	5	Ci.	Cu.
28	Calm	----	Calm	----	Calm	----	Calm.	----	Calm	----	Calm	----	4	Ci.	S.	8	Ci.-S.	Fr.-Cu.
29	Calm	----	SE	1	Calm	----	Calm	----	SW	1	Calm	----	7	Ci.	------------	6	Ci. NE	Cu. NE
30	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	8	------------	S.-Cu.	8	------------	Cu.
Mean	------	0.9	------	0.8	------	1	------	1	------	1	------	1	8.3	------------	------------	8	------------	------------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

DECEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.99	60.39	61.66	59.36	59.49	60.69	22.7	22	28	29.3	26.1	24	31.4	20.7	96	96	76	73	80	96	------
2	60.56	61.52	62.10	59.70	60.60	62.31	23.2	22.7	27.4	29.7	25.4	23.5	30.5	22.5	97	99	74	76	82	90	7.4
3	61	61.07	62.64	60.04	60.90	62.12	22.1	21.6	24.5	24.4	23.9	23	26.3	20.5	95	92	92	91	95	94	27.1
4	61.59	61.27	62.67	61.19	61.82	62.87	22.2	22	24.8	24.5	24	23.1	25.3	21.5	96	95	90	92	94	96	5.9
5	62.37	62.69	63.74	61.20	61.63	62.74	22.3	22.1	25	28	24.5	23.5	29.4	21.5	97	97	88	72	92	94	------
6	62.24	62.63	63.57	60.62	60.82	61.75	22.9	22.4	26.4	31	27.1	23.6	32.6	21.7	97	96	85	69	87	90	------
7	61.10	60.80	61.92	59.02	59.47	60.27	23.1	22.5	25.5	30.4	26.5	24.7	31.4	22.1	93	96	88	73	82	87	------
8	59.27	59.98	61.15	58.57	58.88	60.09	23.8	23.2	25	29.8	25.8	23	31	22.5	91	93	90	75	82	96	------
9	59.91	60.39	61.62	58.92	59.25	60.81	20.9	20.5	26.5	29.6	25.6	22.2	31.5	19.5	97	92	48	72	76	89	------
10	60.11	60.79	62.40	59.99	60.47	61.15	20.3	20.3	24.1	30	26.2	23.5	30.7	19.6	99	92	86	75	86	90	------
11	60.39	61.18	62.78	60.04	60.76	61.93	23.1	21.5	24.8	29.3	24	23.1	29.5	21.4	91	95	87	74	87	94	------
12	60.89	60.91	62.47	59.98	60.55	62.38	22.4	22.2	24	25.7	24.4	23.1	27.6	21.5	96	96	96	88	87	97	50.6
13	60.98	60.92	62.49	59.60	59.95	60.71	22.6	22.4	22.7	25.6	23.7	23.2	26	21.4	98	98	97	89	97	97	129.8
14	60.11	59.92	61.30	59.20	59.45	60.92	22.8	22.5	23.1	24.4	23.7	22.6	25.5	21.9	97	97	90	91	94	98	37.8
15	60.29	60.26	61.85	59.74	60.25	62	22	21.6	23.5	24.4	22.9	22.3	26.4	21	100	100	88	91	96	91	2
16	61.57	61.94	63.78	61.79	62.37	63.37	21.7	21.1	23.5	24	22.3	22	25.7	20	90	92	82	85	83	84	------
17	62.67	62.96	63.72	60.81	61.27	62.79	21.8	21.2	23.3	25.7	22.5	21.4	26.2	20	80	80	74	74	83	93	------
18	62.03	62.58	63.89	61.61	61.49	62.80	20.8	20.4	22.5	24.7	23.5	21.3	26.5	19.6	93	92	90	81	86	94	------
19	62.49	62.44	63.38	60.95	60.59	62.19	19.9	19.5	23.3	26.9	24.4	21.5	28.5	18.9	95	96	86	73	82	92	------
20	61.31	61.57	62.07	59.31	59.69	61.04	19.6	19.1	24.7	29.2	23.7	20.6	29.6	17.7	91	92	83	72	82	92	------
21	60.43	61.30	62.12	59.85	60.38	61.04	19.9	19.2	22.6	26.3	23.6	22.4	26.3	18.5	93	93	92	84	83	86	------
22	60.81	61.03	61.67	59.47	59.81	60.66	20.5	19.6	23.8	26.2	23	22.1	26.8	19	95	94	76	74	87	95	2.5
23	59.95	59.86	61.35	59.55	60.59	62.44	21.9	21.8	24	25.3	22.6	21.6	26.4	21	97	97	83	80	86	90	------
24	61.58	61.50	62.96	60.91	61.21	62.99	21.5	21.5	24.3	25.6	22.8	21.5	26.9	20	89	87	74	66	79	87	------
25	62.52	62.74	64.17	61.48	61.59	62.47	21	20.2	23.5	25.9	23.6	22.6	27.3	19.5	89	94	83	79	97	89	------
26	61.94	62.44	63.19	60.98	61.61	62.97	21.2	20.5	24.9	26	23.5	22.5	27.2	20	95	96	79	79	83	90	------
27	62.53	62.69	64.24	62.21	62.55	64.36	22	21.6	25	27.6	25.4	23.2	28.1	21	93	96	88	72	86	90	------
28	63.98	64.02	65.58	63.35	64.02	64.82	22.3	21.7	25	25.6	24.1	23	27.5	21	89	89	80	82	83	79	------
29	63.99	63.64	64.81	62.29	62.18	63.16	21.3	20.6	25	24.7	23.5	21.8	25.7	20	92	92	76	87	84	87	------
30	62.79	62.42	63.25	60.60	60.55	61.74	21	20.7	24.2	27.8	25.5	23.3	30	20	95	94	86	75	83	89	------
31	60.91	61.44	63.29	61.46	62.14	62.99	22.2	21.8	23.8	27.5	24	22.5	27.7	21.3	94	95	80	66	82	92	------
Mean	61.36	61.59	62.83	60.44	60.85	62.08	21.8	21.3	24.5	26.9	24.3	22.6	28.1	20.5	93.9	94	83.5	78.4	86	91.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	263.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	Calm	----	NE	1	NE	1	NW	1	8	------	S.-Cu.	8	------	Cu. NE
2	NW	1	NE	1	NE	1	NW	1	N	2	NE	1	5	Ci.	S.-Cu. N	7	------	Cu. E
3	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	10	------	N.	10	------	N. N
4	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	10	------	N.	10	------	N.
5	Calm	----	Calm	----	Calm	----	NE	1	Calm	----	Calm	----	10	------	N.	8	------	Cu. NE
6	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	10	------	N.	6	------	Cu. SE
7	Calm	----	Calm	----	Calm	----	S	1	Calm	----	Calm	----	9	------	S.-Cu.	6	------	Cu.
8	Calm	----	Calm	----	NW	1	Calm	----	NE	1	NW	2	10	------	N.	4	------	Cu.
9	Calm	----	Calm	----	Calm	----	N	1	NE	1	Calm	----	0	------	------	2	------	Cu. N
10	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	Calm	----	10	A.-S.	------	3	------	Cu.
11	Calm	----	Calm	----	Calm	----	NE	1	NW	2	Calm	----	10	------	N.	6	------	Cu. N
12	Calm	----	Calm	----	Calm	----	NW	1	N	1	NW	1	10	------	N.	10	------	Cu.-N.
13	Calm	----	NW	1	Calm	----	Calm	----	Calm	----	NW	1	10	------	N.	10	------	N.
14	NW	1	NW	1	NW	1	NW	1	NW	1	N	1	10	------	N. N	10	------	N. N
15	NW	2	NW	2	NW	2	NW	1	NW	3	NW	4	10	------	Cu.-N. N	10	------	Cu.-N. NW
16	NW	5	NW	5	NW	2	NE	2	NW	2	NW	3	8	------	S.-Cu. N	10	------	S.-Cu. N
17	NW	4	NW	1	NW	1	N	1	N	1	NE	1	8	------	S.-Cu. NW	8	------	S.-Cu. N
18	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	8	------	Cu.-N.	10	------	Cu.
19	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	Calm	----	6	------	S.-Cu.	7	Ci.	Cu.
20	Calm	----	Calm	----	Calm	----	NE	1	Calm	----	Calm	----	6	Ci.	S.	5	Ci.-S.	Cu.
21	Calm	----	Calm	----	Calm	----	NW	1	NW	2	NE	3	7	------	S.-Cu.	10	------	S.-Cu. NW
22	NE	1	NE	1	NE	1	NW	2	NW	2	NW	2	7	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
23	NW	1	NW	2	NW	2	NW	2	NW	2	NW	3	10	------	Cu.-N.	10	------	S.-Cu. NW
24	NW	1	NW	2	NW	2	NW	2	Calm	----	NW	1	7	------	S.-Cu. N	10	Ci.-S.	S.-Cu.
25	NW	1	Calm	----	NW	1	N	1	NE	1	NW	1	6	------	S.-Cu.	10	------	S.-Cu.
26	Calm	----	NE	1	Calm	----	NE	1	NW	1	NW	1	5	Ci.-Cu.	S.-Cu.	10	------	Cu.-N. NE
27	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	9	------	S.-Cu. E	8	------	S.-Cu.
28	Calm	----	Calm	----	Calm	----	NW	2	NE	1	NE	1	8	------	S.-Cu.	8	------	Cu.-N.
29	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	Calm	----	7	------	S.-Cu.	10	------	S.-Cu.
30	Calm	----	Calm	----	Calm	----	N	1	Calm	----	Calm	----	8	------	S.-Cu.	8	------	Cu.
31	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	8	------	S.-Cu.	10	------	S.-Cu.
Mean	------	0.5	------	0.5	------	0.5	------	0.8	------	0.8	------	0.9	8.1	------	------	8.2	------	------

APARRI.

[φ=18° 22′ N ; λ=121° 38′ E ; barometer above sea, 5 meters ; gravity correction not applied, —1.57 mm.]

JANUARY, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.65	60.46	61.36	59.23	59.92	61.30	22.5	22	26	27.1	25.2	25	27.7	21.1	94	95	82	75	85	83	------
2	60.76	61.16	63.56	62.28	63.09	64.78	24.8	24.8	25	23.5	22.9	23	25	21.2	77	77	73	79	87	87	14.3
3	64.37	64.95	66.20	63.33	64	64.88	22	21.6	23	24	23.1	23	24.5	20.6	89	89	83	81	85	88	1.8
4	64.28	64.46	64.84	62.54	63.14	64.46	22.4	22.1	27	27	24.5	22.8	27	21.6	91	94	74	75	82	91	6.4
5	63.68	63.49	64.06	61.51	61.29	62.71	22.5	22	24.9	27.1	24.2	23.5	28.1	21.5	92	95	83	76	88	89	------
6	61.47	61.16	63.15	60.54	60.88	62.10	23	22.5	26.6	27.7	25.8	23.6	29.7	22	90	90	65	68	79	88	------
7	61.28	61.43	62.26	59.76	60.27	61.37	21.7	20.5	26.5	27.7	23.6	21.5	28.6	20	85	93	68	62	73	87	------
8	60.14	60.34	62.01	59.64	59.79	60.73	20.4	19.5	24.4	27	24.3	21.5	28.7	18.5	87	89	71	61	71	90	------
9	60.29	60.66	61.61	59.24	59.96	61.15	21	20.5	27	28.3	24.5	23.3	30.5	19.7	89	90	74	68	91	94	------
10	60.42	60.41	61.46	58.86	58.81	60.05	22.1	21	26.8	28	25.5	23.5	29	20.1	90	93	77	69	80	85	------
11	58.95	59.04	60.21	57.81	58.06	58.84	21.6	22.2	26	29	26	22.7	30.2	20.5	89	89	75	67	79	83	------
12	58.34	59.36	60.48	58.35	58.09	58.88	22	22.4	26.7	29	24.7	23	30.5	21.4	91	89	74	63	79	88	------
13	58.40	58.53	59.42	57.04	57.06	57.80	21.8	21	25.8	30.4	25.5	23.2	31	20.4	87	91	73	54	83	88	------
14	57.78	59.01	60.36	58.98	59.77	60.91	21.9	21	25	26.9	24.5	22.5	28.2	20.6	90	93	79	66	75	85	1.3
15	60.87	61.61	63.46	61.28	62.64	63.96	23.5	23	23	24	22	20.8	24.5	20	79	70	59	53	72	78	------
16	63.29	63.10	64.37	62.21	62.27	63.18	20	19.5	24	25	23.5	21.4	27	19	83	88	72	57	65	78	------
17	62.58	62.75	63.38	60.25	60.69	61.93	21	20	24.6	29	24.4	22	29.5	19.1	80	85	66	54	77	82	------
18	61.27	61.66	63.23	61.81	62.57	63.92	20.2	18.4	22.9	23.9	22.1	22.3	25.8	17.6	92	94	83	76	81	75	8.6
19	63.72	63.89	65.30	63.01	63.60	64.21	21.4	21	23.4	24.4	22	21.3	25	19.5	78	80	68	63	79	83	------
20	63.28	63.41	64.39	61.83	61.51	62.45	20.8	20.5	24.4	25.3	23	22	26.5	19.8	87	90	68	74	83	91	------
21	60.79	61.66	62.48	59.94	60.85	62.82	22	22	25.2	30.1	25.7	24.6	30.8	21	88	86	76	60	77	87	------
22	61.48	62.07	63.78	61.90	62.04	63.27	23	22.5	23.5	22.2	22.5	23.5	24	21.6	88	90	90	91	90	84	29.7
23	62.28	62.88	64.41	62.43	62.48	63.98	23.4	22.2	24	25.8	24	23.2	26.2	21.6	85	93	86	73	70	84	9.9
24	63.11	63.31	64.58	62.31	62.56	63.53	23	23	22.4	24.1	22.9	22.2	25	21	83	81	90	78	86	86	5.1
25	62.88	63.31	64.70	63.08	63.18	64.14	22.1	22.5	24	23.6	20	19.8	25	19	81	80	71	72	92	87	21.4
26	63.80	63.90	66.01	64.58	64.99	66.21	19.8	18.5	20.6	20.5	20	19.8	21.5	18.2	87	95	70	75	72	76	8.7
27	65.38	65.81	67.43	65.09	64.72	65.61	19.4	20	21.7	23.6	21.3	19.5	24.2	18	70	68	70	64	76	89	------
28	64.78	64.60	65.72	63.25	62.68	63.31	19.1	18.8	23	25	22.5	22.6	25.4	17.7	89	90	69	64	73	73	------
29	62.46	62.52	64.06	61.45	61.66	62.78	22.4	20	24.4	25.2	22.9	22.2	25.7	18.7	72	89	63	62	66	79	------
30	61.28	63.62	64.63	63.15	64.41	65.91	21.8	19.2	25	25.5	22.7	21.6	26.2	18.7	79	93	68	65	73	77	1.3
31	65.07	65.93	67.06	64.59	64.89	66.36	21.5	20.9	22	22.5	21.4	21	23.1	19	83	74	69	65	70	73	1.3
Mean	61.88	62.27	63.55	61.33	61.67	62.82	21.7	21.1	24.5	25.9	23.5	22.3	26.9	20	85.3	87.5	73.8	68.1	78.7	84.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	109.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	NE	NE	14.3	21.1	62.6	69.5	167.5	1	------------	S.-Cu.	1	------------	Cu.-N.
2	NE	NE	NE	NE	NE	NE	96.1	105.4	97.2	127.7	426.4	10	------------	S.-Cu. NE	10	------------	Cu.-N.NE
3	NE	NE	NE	ENE	ENE	E	137.6	131	138.9	52.5	460	10	------------	N. NE	10	------------	Cu.-N.ENE
4	E	SE	SE	ENE	E	SE	19.3	40.4	62.3	44.5	166.5	10	------------	S.-Cu. SE	8	A.-Cu. SE	S.-Cu. E
5	SE	SE	SE	E	E	E	40.8	46.7	46.4	26.9	160.8	10	------------	S.-Cu. SE	3	A.-Cu. SW	Cu.-N.
6	SE	SE	SE	NE	NE	E	60.9	73	52.8	30.9	217.6	3	A.-Cu. SW	S.-Cu.	0	------------	------------
7	SW	SW	SE	NE	E	E	23.8	26.4	63	34.8	148	0	------------	------------	0	------------	------------
8	SW	S	S	NE	E	E	37.3	101.7	56.9	26	221.9	0	------------	------------	1	------------	Cu.-N.
9	S	S	SE	E	ENE	E	36.8	40	68.9	13.9	159.6	2	------------	S.-Cu.	5	------------	Cu.-N. E
10	E	E	SE	NE	E	E	8.5	47.3	63.6	28.8	148.2	0	------------	------------	0	------------	------------
11	S	SE	S	E	E	E	41.6	81.9	47.2	14.7	185.4	0	------------	------------	0	------------	------------
12	E	SE	SSE	E	E	E	35.2	48	68.7	24.7	176.6	10	------------	S.-Cu. SE	0	------------	------------
13	S	S	SE	SE	E	W	56.5	93	42.3	38	229.8	0	------------	------------	0	------------	------------
14	W	SW	W	NW	N	SW	24.9	42.4	101.2	45.6	214.1	1	------------	S.-Cu.	1	------------	Cu.-N.
15	NE	NE	NE	E	NE	E	136.2	155.9	105.7	87.5	485.3	10	------------	S.-Cu. NE	10	A.-Cu. S	S.-Cu.
16	SW	SW	SE	NE	NE	E	56.9	48.3	52.6	31.1	188.9	10	A.-Cu. SE	S.-Cu.	10	------------	S.-Cu. SE
17	SE	S	S	SE	NE	E	31.6	58.5	71.1	33.3	194.5	0	------------	------------	1	------------	Cu.-N.
18	SW	SE	NE	NE	NE	NE	36.2	61.7	121.2	122.3	341.4	1	------------	Cu.-N.	10	------------	Cu.-N.NE
19	NE	NE	ENE	NE	ENE	E	70.3	109.9	128.5	53.7	362.4	10	------------	Cu.-N.ENE	7	------------	Cu.-N.NE
20	SW	S	E	E	E	N	32.4	28.4	42.4	26	129.2	10	A.-Cu. SW	S.-Cu. SE	10	------------	S.-Cu. E
21	SE	SE	S	SE	NE	NE	79.4	83.5	39.4	19	221.3	10	A.-cu. SW	S.-Cu.	8	A.-Cu. W	S.-Cu.
22	NE	NE	NE	NE	NE	ENE	19.6	65.2	89.8	63.8	238.4	10	------------	S.-Cu. E	10	------------	N. NE
23	NE	NE	E	NE	NE	NE	50.5	77	95.2	94.8	317.5	10	------------	N. NE	8	------------	Cu.-N.NE
24	NE	NE	ENE	NE	NE	NE	65.2	70.8	56.1	64.2	256.3	10	------------	Cu.-N. NE	10	------------	Cu.-N.NE
25	ENE	N	N	N	N	NE	47.3	88	99.6	97.9	332.8	10	------------	Cu.-N. NE	8	------------	Cu.-N. N
26	NE	NE	NE	NE	ENE	E	118	132	104.1	78.4	432.5	10	------------	N. NE	10	------------	Cu.-N.NE
27	E	ESE	E	E	E	SW	42.8	66	80	38.8	227.6	10	------------	Cu.-N. E	10	------------	Cu.-N. E
28	SW	SW	SW	NE	NE	NE	38.1	41.2	75.4	76.9	231.6	2	------------	S.-Cu.	0	------------	------------
29	ENE	S	E	NE	NE	ENE	38.8	26	46.4	43.3	154.5	1	------------	Cu.-N. NE	1	------------	Cu.-N.
30	E	SW	NE	NE	NE	ENE	34.1	52.3	121.5	155.3	363.2	3	------------	Cu.-N. NE	10	------------	Cu.-N.NE
31	NE	ENE	NE	NE	ENE	E	159.1	161.9	127.6	95.8	544.4	10	------------	Cu.-N. NE	10	------------	Cu.-N.NE
Mean	------	------	------	------	------	------	54.5	71.8	78.3	56.8	261.4	5.9	------------	------------	5.5	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	8,104.2	----	------------	------------	----	------------	------------

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

FEBRUARY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	65.83	66.33	67.90	66.25	66.94	68.65	21.5	21.8	22.5	23.5	22.5	22.5	24	19.5	66	64	66	62	62	65	------
2	67.66	67.67	69.35	67.41	67.31	68.46	22.2	22	22	22	21.5	21.5	23.6	20.1	64	62	72	71	72	73	------
3	67.36	67.36	68.56	66.31	66.39	66.97	21	21.5	22	24.2	21.5	21.1	24.6	19.5	75	76	72	66	73	77	------
4	66.26	65.53	66.24	63.55	63.95	64.85	19.8	19.5	24.5	25.4	22.9	21.2	26	18.9	88	89	69	67	83	89	5
5	63.81	64.28	65.45	62.97	63.06	64.23	20	22.4	22	21.5	21	21.4	24	19.5	91	75	84	94	91	91	3.4
6	62.83	62.53	63.41	60.73	61.21	62.47	21.5	21.5	23.9	24.7	23.7	23.4	25.5	20.5	88	87	84	81	85	85	------
7	61.43	61.26	62.16	59.33	59.06	59.75	22.5	21.7	26.6	25.4	24	23	27.4	21.1	89	94	76	84	90	95	------
8	59.10	58.96	59.98	58.54	59.38	60.23	21.5	22.1	26.7	26.2	24	23.9	29.6	20.8	95	93	74	81	83	87	1.4
9	59.88	60.29	61.28	59.59	59.65	60.43	22.7	23	23.9	24.5	23.1	23	24.9	21.5	89	87	82	70	78	81	------
10	60.28	60.64	61.86	60.13	60.53	61.23	22.7	22.9	24.7	23.5	23	23	25.5	21.4	83	83	76	82	79	78	------
11	61.04	62.01	63.29	61.18	61.42	62.08	22.5	22.4	23.4	23.9	21	21.8	24	20.6	78	77	70	68	86	79	------
12	61.83	61.88	62.71	60.31	60.61	61.13	21	20.8	22.3	23.4	21	21	23.5	19.7	85	87	77	74	89	91	4.8
13	60.74	61.34	62.46	60.16	60.87	61.54	21	21	23.4	24	22	22	24.5	20.1	93	95	84	81	89	86	.8
14	61.37	61.93	62.64	60.51	60.78	61.14	22	21.5	23.5	23.9	22.9	23	24.4	21	86	90	85	82	89	90	.3
15	60.48	60.91	61.71	58.98	58.96	60.50	22.8	22.5	25	25.6	24.6	24	26.5	22	89	85	83	82	89	93	------
16	59.14	59.70	60.54	58.27	58.82	59.91	23.1	22.5	27.4	26.5	25.8	25	31.1	21.8	94	94	76	76	85	92	------
17	58.82	59.13	60.05	58.07	58.71	60.02	23.5	23	25.8	27.4	25	24.5	28.1	22.2	94	94	84	77	83	85	------
18	59.02	59.91	61.34	59.70	60	61.10	24.2	24.1	26.5	26.5	24.5	24	27.2	23	86	86	71	69	75	78	------
19	60.31	60.98	62.68	60.42	60.92	62.17	23.6	23.4	25.5	26.2	24	23	27	21.6	81	83	75	67	77	86	------
20	61.44	62.03	63.42	61.12	61.56	63.15	21	21.4	25	26.9	24.5	24.5	27	19.6	91	95	79	73	75	75	------
21	62.13	62.52	63.34	60.59	60.85	61.84	24.3	24	26	27.6	25.5	24.5	29.5	22.1	76	77	67	66	71	78	------
22	61.41	61.26	61.63	58.59	58.94	59.97	22	21.5	27	28.1	25.8	24.8	31	20.3	91	89	65	66	81	87	------
23	60.25	60.93	61.69	59.69	60.04	61.36	23	22.4	27.5	28.2	24.5	24	29.2	21.2	91	93	71	68	79	81	2.8
24	60.77	61.07	62.45	60.56	60.54	60.81	23.5	23.5	25	26	24.1	23	27	22.6	85	85	78	76	83	90	1.3
25	60.21	60.05	60.96	58.09	58.66	60.27	22.4	22	27.5	31.5	27.1	26.6	33	21.4	92	91	69	48	72	72	------
26	59.60	60.86	61.66	59.26	59.26	60.03	23.7	20.2	26.4	28.5	26	22.9	29.5	19.6	77	87	62	70	69	90	------
27	59.92	60.26	60.80	57.84	57.28	58.58	21	20.2	26	27.8	26.7	25	30.2	18.6	91	93	69	67	74	90	------
28	58.40	58.80	59.71	57.99	57.81	58.99	23.7	23	27	29.9	26.6	24.5	30.5	22.6	90	90	72	59	76	89	------
Mean	61.48	61.80	62.83	60.58	60.84	61.85	22.3	22.1	25	25.8	23.9	23.3	27.1	20.8	85.6	85.8	74.7	72.4	79.9	84	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	19.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.	0–10			0–10		
1	ENE	ENE	ENE	ENE	ENE	ENE	106.8	126	131.2	130	494	10	------	S.-Cu. ENE	10	------	S.-Cu. ENE
2	ENE	ENE	ENE	ENE	ENE	E	128.5	128.4	120.5	98.5	475.9	10	------	S.-Cu. ENE	10	------	S.-Cu. ENE
3	ENE	ENE	ENE	ENE	E	E	98	126.3	102.7	54.7	381.7	10	------	S.-Cu. ENE	10	------	S.-Cu. ENE
4	E	S	S	NE	NE	NE	34.1	33.8	56.6	97.9	222.4	10	------	S.-Cu. SE	10	------	S.-Cu. E
5	NE	NE	NE	NE	NE	NE	125.5	112.7	108.8	98.8	445.8	10	------	Cu.-N. NE	10	------	N. NE
6	NE	NE	ENE	NE	NE	NE	79.4	88	105.6	70	343	10	------	Cu.-N. NE	8	------	S.-Cu. ENE
7	E	SW	S	NE	ENE	E	27.7	24.6	78.9	18.5	149.7	10	------	S.-Cu. E	2	------	Cu.-N.
8	E	SE	S	NNW	N	NW	30.3	69.4	108.4	69	277.1	0	------	------	7	------	Cu.-N. E
9	NE	ENE	ENE	ENE	ENE	ENE	84.5	114.6	107.2	90.7	397	10	------	Cu.-N. ENE	10	------	S.-Cu. ENE
10	SE	E	E	NE	ENE	NE	28.4	74.6	142.2	124.9	370.1	10	------	S.-Cu.	10	------	Cu.-N.NE
11	ENE	ENE	E	E	ENE	E	121.8	82.6	115.4	96.9	416.7	10	------	S.-Cu. ENE	10	------	S.-Cu. ENE
12	E	E	E	E	NE	ENE	88.8	107.8	79.7	91.7	368	10	------	S.-Cu. ENE	10	------	S.-Cu. E
13	S	E	E	ENE	NE	NE	30.8	52.8	130.2	151.1	364.9	10	------	N. E	10	------	S.-Cu. ENE
14	NE	NE	NE	NE	NE	NE	126.6	125.3	140.8	139	531.7	10	------	S.-Cu. ENE	10	------	S.-Cu. ENE
15	E	NE	NE	ENE	ENE	SW	89.9	58.4	104.9	60.4	313.6	10	------	S.-Cu. ENE	7	A.-Cu. S	S.-Cu.
16	SE	SE	S	NE	N	N	47.8	79.5	62	23.5	212.8	1	------	S.-Cu.	8	------	Cu.-N.NE
17	S	S	NNW	N	N	N	23.1	26.6	65.7	56.9	172.3	0	------	------	7	A.-Cu. W	S.-Cu.
18	N	N	ENE	NE	NE	ENE	27.1	94.1	120.7	141.8	383.7	10	A.-Cu. SW	S.-Cu. N	1	------	Cu.-N.
19	E	ENE	E	NE	ENE	E	113.8	107.6	162.5	62	445.9	10	------	S.-Cu. ENE	1	------	Cu.-N.
20	SW	S	NE	NE	E	ENE	23.9	45.7	130	65	264.6	2	------	S.-Cu.	0	------	------
21	E	E	NE	NE	E	E	67.6	49.9	66.6	46.1	230.2	10	A.-Cu. S	S.-Cu. SE	9	A.-Cu. S	S.-Cu.
22	E	S	SE	ENE	N	N	41.3	106.4	82.7	35.4	265.8	1	------	S.-Cu.	0	------	------
23	N	SW	E	N	N	NNE	39.1	36.5	103.2	56.3	235.1	0	------	------	4	A.-Cu. W	Cu.-N.
24	NE	NE	NE	NE	ENE	E	91.2	117.5	144.8	72.1	425.6	10	------	Cu.-N. NE	10	A.-Cu. S	S.-Cu. E
25	S	SE	SSE	S	N	SW	46.9	91.5	93.8	43.7	275.9	1	------	S.-Cu.	0	------	------
26	SE	SE	SSE	NE	N	SW	72.2	88.8	71.8	47.3	280.1	0	------	------	0	------	------
27	NW	W	S	NE	ENE	SW	39.1	61.8	81.5	28	210.4	0	------	------	0	------	------
28	S	S	S	ENE	ENE	W	58.1	59.3	79.1	52.5	249	0	------	------	0	------	------
Mean	------	------	------	------	------	------	67.6	81.8	103.5	75.8	328.7	6.6	------	------	6.2	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,203	----	------	------	----	------	------

APARRI.

[ϕ=18° 22′ N ; λ=121° 38′ E ; barometer above sea, 5 meters ; gravity correction not applied, —1.57 mm.]

MARCH, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.92	59.38	60.81	58.70	58.61	59.56	24	23.4	27.3	28.5	27	24	29.6	22.9	87	86	75	74	80	81	------
2	58.68	59.20	59.62	56.69	56.62	58	23.5	23.4	27.2	29.4	26.6	24.2	30.6	22	84	84	68	64	75	86	------
3	57.57	58.79	60.19	58.37	58.58	60	22.1	21.5	27	27	25.2	24.5	29	21.1	90	91	63	77	74	78	------
4	59.55	60.08	61.45	59.60	59.63	60.42	24.1	23.8	25.9	25.6	24.5	24	27.8	23	76	75	68	71	70	75	------
5	59.82	60.81	62.08	60.46	60.43	61.23	23.2	22.4	23	24	23.1	23	25	21.6	83	91	90	82	84	83	6.6
6	61.11	62.14	63.52	60.95	60.94	62.21	23	23	25	26.8	24.1	24	27.7	22.2	78	74	64	60	76	74	.5
7	61.14	61.59	62.98	60.91	61.16	62.21	20.8	20	24.5	26.8	24.5	24.1	28	19.6	88	92	75	64	78	78	------
8	61.52	61.98	63.61	61.52	61.55	63.17	23.8	23.4	24.8	26	24	23.1	27.2	22.2	78	80	72	69	81	90	1
9	62.38	63.01	64.39	62.04	61.87	63.32	21.4	20.7	22	25	23	23	27	19.7	96	95	89	74	83	84	.6
10	62.68	62.73	63.88	62.39	62.56	63.97	23	22	25.9	26.4	23.9	23	27.6	21.6	83	89	76	72	79	86	------
11	62.86	63.06	64.31	62.51	62.09	63.38	22.3	21.4	24.9	24.8	24	23.8	26.8	20.9	88	95	79	79	80	84	1.3
12	62.81	62.82	63.51	61.10	60.80	61.95	23	22.2	26.5	27.5	24.6	24.3	28.5	21.6	88	93	73	71	74	79	------
13	61.66	62.17	63.77	61.41	61.22	62.96	23.2	22.5	24.7	25.5	24.5	23	27	21.4	84	89	79	77	70	76	------
14	61.91	62.43	63.15	60.99	60.94	62.85	20.6	19.9	25.8	27.9	25	24.5	28.8	19.1	90	91	67	65	74	70	------
15	61.67	61.91	63.04	60.79	60.21	61.66	22.6	22.2	26	28.4	26.1	24	29.9	21.2	84	88	69	64	64	77	------
16	60.48	60.71	61.56	59.27	59.99	61.26	21.4	20.6	26.6	28.1	24.5	24.5	29	18.6	92	96	68	63	71	73	------
17	60.32	60.46	61.73	59.77	59.47	60.30	23.8	24	25.7	25.8	24.4	23.5	27.5	22.2	77	74	68	67	74	85	3.6
18	58.60	58.11	59.44	57.93	57.10	57.35	23.8	24	24	23.2	23.4	22.7	24.4	22	86	90	85	87	91	96	24
19	56.08	56.68	58.02	56.43	57.06	59.07	22.3	22	25.7	26.8	25.5	25	27.3	21.6	94	95	77	77	84	90	------
20	58.53	59.24	60.61	58.76	58.83	60.44	23.4	23.5	26.1	27.4	25.6	24.6	29.1	22.8	97	94	79	83	85	93	------
21	59.57	59.95	60.94	58.84	58.93	60.01	23.5	23	27.2	29.8	26.6	25.2	31	22.5	97	98	77	70	82	93	------
22	59.08	59.53	60.44	58.07	58.94	59.85	24.3	23.2	28	28.9	24.6	24	31.9	22.7	93	97	76	78	85	97	.5
23	59.24	59.40	61.24	59.69	59.87	61.60	23.5	23.1	24.6	25.6	24	23	27.5	22.5	94	94	83	79	90	95	8.9
24	61.08	61.48	63.03	61.07	61.01	63.16	23.2	23.5	23	26.5	24.5	24.2	27	22.1	93	90	94	76	87	88	23.4
25	62.60	62.73	63.57	61.31	61.68	62.92	23.9	23.5	27.7	29.8	27.2	23.1	30.9	22	87	85	70	69	73	92	------
26	62.35	62.87	63.79	61.56	61.04	62.40	23	23	28.7	29.7	27	24	31.1	21.9	91	90	63	67	72	85	------
27	61.43	61.89	62.82	60.51	59.96	61.24	23.2	22.5	27.3	29.7	27.3	24	30.5	21.2	81	83	62	59	68	79	------
28	61.10	61.21	62.30	60.04	59.53	60.97	22.8	22	27.5	29.9	26.6	24	30.9	20.1	84	89	63	62	68	78	------
29	60.38	60.46	61.50	59.57	59.54	60.61	23.2	22	27.5	30.5	28.2	25.8	31.4	21.1	80	86	64	65	68	72	------
30	60.41	60.26	60.59	58.84	58.39	60.10	24.2	23.5	29	29.3	27.4	26.1	30.7	22	80	84	63	71	77	83	------
31	59.22	59.33	60.13	58.25	58.08	59.96	24.2	24	29	30.5	27.5	25.6	31.3	23.3	90	90	67	66	70	81	------
Mean	60.48	60.85	62	59.95	59.89	61.23	23	22.6	26.1	27.5	25.3	24.1	28.8	21.6	86.9	88.6	73.1	71	77	83.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	70.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	SW	N	N	ENE	E	47.2	51.3	83.1	47.5	229.1	10	A.-Cu. W	S.-Cu.	0	------	------
2	S	S	SE	NE	ENE	NW	42.3	97.7	78.3	42.4	260.7	0	------	------	0	------	------
3	SW	SW	NW	N	N	N	43.1	59.5	115.4	89.9	307.9	0	------	------	0	------	------
4	NE	NE	NE	NE	NE	NE	71.8	130.6	132.3	127.4	432.1	8	------	Cu.-N. ENE	8	A.-Cu. W	S.-Cu.
5	E	SW	NE	NE	NE	NE	58.4	59.3	94.8	82.7	295.2	8	A.-Cu. W	Cu.-N. ENE	10	------	S.-Cu. E
6	NE	NE	NE	N	N	W	74.3	78.4	73	40	265.7	10	------	S.-Cu. ENE	1	------	S.-Cu.
7	SW	SW	NW	N	NE	NE	46.5	50.4	86.6	126.3	309.8	1	------	Cu. ENE	5	------	Cu.-N.NE
8	NE	NE	NE	NE	S	SW	109.7	114.3	107.8	29.5	361.3	1	------	S.-Cu.	10	------	S.-Cu. NE
9	E	SE	NE	ENE	E	SE	50.5	51.8	93.8	67	263.1	10	------	S.-Cu.	10	------	S.-Cu. E
10	W	SW	N	NE	ENE	ENE	28.2	34.9	126.8	102.8	292.7	10	A.-Cu. W	S.-Cu. E	1	------	S.-Cu.
11	ENE	E	ENE	ENE	E	E	------	------	132.2	62.2	------	10	------	S.-Cu. E	10	------	S.-Cu. E
12	SE	SW	N	NE	ENE	ENE	19.9	36	96.4	65.8	218.1	10	A.-Cu. W	S.-Cu. E	10	A.-Cu. S	S.-Cu.
13	ENE	E	ENE	E	E	S	54.1	98.2	116.9	64.9	334.1	10	------	S.-Cu. E	10	------	S.-Cu. E
14	SE	SE	SE	E	E	S	63.4	50.1	97.4	53.9	264.8	7	Ci.-Cu. S	S.-Cu.	8	Ci.	Cu.-N. SE
15	SE	SE	S	ENE	E	E	66.5	98.4	93.3	57.1	315.3	2	------	S.-Cu. SE	2	------	Cu.-N.
16	SW	SE	ENE	ENE	NE	ENE	31.9	54.4	105.6	90.1	282	2	Ci. S	S.-Cu.	1	------	S.-Cu.
17	ENE	NE	NE	NE	ENE	NE	108	115.4	129.8	135.5	488.7	10	A.-Cu. SW	S.-Cu. NE	10	------	S.-Cu. E
18	NE	NE	NE	NE	NE	NNE	146.4	156.4	128.5	131.4	562.7	10	------	N. NE	10	------	N. NE
19	NE	W	NW	NW	NW	NNW	------	105.4?	136	43	------	10	------	S.-Cu.	10	Ci. E	S.-Cu.
20	NW	NW	S	NNW	N	SW	39.2	42.3	89.5	26.9	197.9	10	------	S.-Cu. W	7	A.-Cu. S	S.-Cu.
21	W	W	S	NNW	N	SW	18.5	59.3	67	32.2	177	5	A.-Cu. SW	S.-Cu.	1	------	Cu.-N.
22	SW	SW	S	N	SW	S	25.2	81.8	74.8	45.1	226.9	1	------	S.-Cu.	9	------	Cu.-N. S
23	SW	SW	N	NNW	W	SW	32.4	48.8	85.1	47.3	213.6	8	A.-Cu. SW	S.-Cu.	10	------	S.-Cu. N
24	SW	SE	NE	NE	NE	E	37.2	96.6	130.4	82.4	346.6	10	------	S.-Cu. E	3	------	Cu.-N.NE
25	SE	S	S	NE	S	S	40.4	40.5	87.9	41.8	210.6	1	------	S.-Cu.	1	------	Cu.-N.
26	S	SE	SE	NE	E	E	64.9	74.6	96.1	38.8	274.4	1	------	S.-Cu.	0	------	------
27	SE	S	S	ENE	E	SE	73	114	82.4	66.5	335.9	0	------	------	0	------	------
28	S	SE	S	NE	E	SE	63.9	99.8	98.2	75	336.9	0	------	------	0	------	------
29	S	SSE	S	NE	E	SE	67.4	94.6	91.9	53.6	307.5	0	------	------	0	------	------
30	SE	S	S	NE	ENE	SE	62.8	72.7	98.2	52.1	285.8	0	------	------	8	------	Cu.-N. E
31	SE	SE	E	NE	E	S	80.5	82.6	112.9	49.7	325.7	6	Ci. W	------	0	------	------
Mean	------	------	------	------	------	------	57.5	77.3	101.4	66.8	300.8	5.5	------	------	5	------	------

APARRI.

[ϕ=18° 22′ N ; λ=121° 38′ E ; barometer above sea, 5 meters ; gravity correction not applied, −1.57 mm.]

APRIL, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.91	60.31	60.91	58.96	58.65	60.46	24.2	23	28	30.1	27.5	25.6	31.9	21.5	85	90	61	62	65	77	------
2	60.26	60.75	61	58.96	58.81	60.39	24.8	22.1	28.1	29.4	27	25.5	31.3	21.1	77	90	65	64	70	78	------
3	59.61	60.46	61.39	59.24	59.20	60.51	24	23.5	29.3	28.7	27.6	24.8	31	22.1	87	90	62	69	71	74	------
4	59.77	59.88	60.73	58.17	58.33	59.99	23.2	22.4	29	31.3	27.6	25	31.8	21.6	90	89	68	55	68	82	------
5	59.84	60.51	61.39	58.94	58.56	60.51	24.8	24	28.3	28.6	26.6	26	30.6	22.6	82	83	66	69	80	82	------
6	59.99	60.86	61.89	59.65	59.44	61.16	24.2	23.5	29.5	29.4	26.4	26	30.9	22.7	90	94	69	67	76	82	------
7	60.12	60.82	61.76	59.14	58.41	60.60	24.9	24	29.1	30.4	27.2	25.5	32.3	22.1	80	83	60	64	75	82	------
8	59.70	59.88	60.65	58.26	57.69	59.41	25	24.1	28.5	29.1	28.3	25.5	31.6	20.6	80	82	63	64	72	89	------
9	59.08	59.20	60.19	57.60	57.39	58.93	24.2	22.9	29	31	27.5	25.1	31.7	21.6	88	92	64	61	75	89	------
10	58.78	59.18	59.90	57.77	58.26	59.81	25	24.7	28.8	31.7	27.6	26.5	33.1	23.3	87	84	61	53	79	84	------
11	59.38	59.64	60.29	58.59	58.56	59.89	26	25.6	29.4	30	27	26.3	31.3	24.8	84	85	63	66	80	84	------
12	59.50	59.39	60.45	58.74	58.87	60.66	26	25.4	27.9	29.1	26	25.5	30.7	24.1	82	83	74	68	81	80	2.5
13	59.95	60.06	61.69	60.34	60.17	61.50	25.3	25	24.2	25.6	25	24.1	26.1	23.1	81	82	88	88	90	94	35.3
14	60.63	60.43	61.51	60.03	60.17	61.32	23.8	23.1	27.4	29	27	26	30.2	21.6	93	94	70	72	81	84	------
15	60.62	60.91	62.03	60.10	60.39	61.34	25.2	24.7	28.7	29.9	28	25.1	31.1	23.8	90	97	70	69	80	89	------
16	59.76	59.88	60.83	58.46	58.29	59.54	24.5	23.7	28.7	30.8	28.1	26.5	32.3	21.6	89	92	66	65	79	90	------
17	58.70	59.04	59.61	57.36	57.45	58.61	25.3	24.8	28.8	30.4	27.5	27.2	31.2	24.3	89	92	73	69	82	78	------
18	57.65	57.58	57.94	56.11	56.09	57.99	26.5	24.8	30	30.6	28	27	31.5	24.2	80	90	75	68	76	80	------
19	57.33	57.93	58.95	57.11	57.26	59.11	26.4	26	28.7	30	26.6	25.8	31	25.3	79	79	69	67	78	78	------
20	58.64	58.64	58.96	56.74	56.41	58.12	25.1	24.6	27.7	29	26.6	26.3	30.5	24.1	81	82	72	65	78	77	------
21	57.37	57.46	58.79	56.51	56.36	58.20	25.8	24	28	28.6	26.7	26.5	31.1	23.6	81	93	76	71	80	82	------
22	57.68	57.84	59.06	57.56	57.33	58.78	25.6	25.7	27	26.9	26.2	24.8	28.1	23.9	85	81	73	80	86	89	2.3
23	58.17	58.47	59.36	57.64	57.71	59.51	24	23.6	28.8	29.3	27.2	25.2	30.8	23	91	93	77	69	79	80	------
24	58.68	58.43	59.44	57.94	58.39	59.86	24.2	24	28	29.9	27.8	25	31.4	23.1	90	93	74	70	65	85	.5
25	59.09	59.23	60.27	58.57	58.71	60.16	24.4	24	24.5	27	23.7	23.7	29	23	87	87	90	78	90	92	4.3
26	59.08	59	60.25	58.34	59.71	60.42	23.5	23.5	28.2	30.8	25	24	32.3	22.2	91	90	74	69	93	95	6.3
27	59.32	59.82	60.76	58.64	59.81	60.36	23.6	23.5	27.6	30.8	24.5	23.5	32.8	22.6	95	94	80	74	90	91	8.1
28	59.82	59.96	60.89	58.92	59.34	60.81	23.2	23.1	26.5	31.4	28.7	26.1	32.5	22	93	94	82	68	75	89	------
29	59.80	60.21	61.18	59.47	58.97	60.75	24.7	24.5	29	31.5	30	25.5	32	23.1	90	91	69	63	75	82	------
30	60.12	60.36	60.69	59.35	58.68	60.08	24.7	23.9	29.5	31.6	30.8	26.5	32.7	23.1	84	87	64	59	64	80	------
Mean	29.28	59.54	60.43	58.44	58.45	59.96	24.7	24.1	28.2	29.7	27.1	25.5	31.2	22.9	86	88.5	70.6	67.5	77.8	83.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	59.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	SE	SE	NE	E	SE	58.2	91.5	96.4	62.3	308.4	1	Ci.		0		
2	S	SE	S	NE	E	S	38	61.8	96.3	43.8	239.9	0			2	A.-Cu. S	Cu.-N.
3	S	SE	NE	NE	E	SE	49.3	58.5	92	44.9	244.7	0			1		Cu.-N.
4	SE	E	NE	NE	E	SE	50.7	47	110.2	48.9	256.8	0			0		
5	S	S	NE	ENE	E	E	24.6	59.7	131.8	90.3	306.4	0			1		Cu.-N.
6	S	S	N	NE	ENE	ENE	36.4	48	132.2	88.3	304.9	0			0		
7	E	S	NE	NE	E	E	27.9	68.9	112.1	78.9	287.8	0			0		
8	SW	SE	SE	NE	N	SW	41.8	90.4	97.9	48.5	278.6	0			0		
9	SW	SE	E	NE	ENE	SW	48.3	32.7	96.1	46.2	223.3	0			0		
10	SE	S	S	N	N	NE	60.6	112.3	88.3	30.9	292.1	0			0		
11	N	N	N	NNE	NE	N	30.6	35.6	89.9	77.2	233.3	4	A.-Cu. SW	S.-Cu.	0		
12	NE	ENE	ENE	NE	NE	NE	99.3	96	119.1	132.3	446.7	8	A.-Cu. NW	Cu.-N. NE	1		Cu.-N.
13	NE	NE	SE	NE	ENE	W	123.7	100.3	66	42.8	332.8	10		Cu.-N. NE	10		S.-Cu.
14	W	SW	SW	NE	NE	NE	36.5	22.3	81.1	58.1	198	10		S.-Cu. E	0		
15	S	SW	S	NE	N	SW	38.6	55.5	81.5	57.7	233.3	1	A.-Cu. SW	S.-Cu.	0		
16	SW	S	SE	NE	N	NW	26.4	47.5	83.2	55.2	212.3	0			0		
17	NW	NW	NW	N	N	NNE	17.4	36.4	88.7	38.4	180.9	0			0		
18	N	N	NE	NE	N	N	23.9	36.2	106	71.4	237.5	0			0		
19	N	N	N	NE	NE	NE	69.7	73.8	89.9	92	325.4	5		Cu.-N. NW	0		
20	NE	NE	E	NE	ENE	ENE	56.8	56.1	111.6	100.9	325.4	2		Cu.-N. NE	0		
21	S	S	NE	NE	NE	ENE	45.7	37.5	117	117.7	317.9	8		S.-Cu. SW	10	A.-Cu. W	S.-Cu.
22	ENE	ENE	E	E	NW	SW	102.2	73.7	45.3	44.6	265.8	10		S.-Cu. SE	10		S.-Cu. SE
23	SW	S	NE	ENE	NE	SE	42.6	49.7	122	75.9	290.2	6	A.-Cu. S	Cu.-N.	0		
24	S	SE	SE	S	SE	SE	66.6	94.3	82.4	64.9	308.2	3	A.-Cu. W	S.-Cu.	7		Cu.-N. SE
25	S	S	S	SE	SE	SE	82.3	55.8	90.4	46.9	275.4	10		S.-Cu. SE	10		S.-Cu. SE
26	SW	S	S	NE	NW	SE	59.7	102.8	82.4	50.2	295.1	1		S.-Cu.	7		Cu.-N. S
27	S	S	S	NE	SW	SW	52.3	108.6	90.6	71	322.5	0			1		Cu.-N.
28	S	S	S	NE	NE	SW	81.3	114.1	90.3	54.2	339.9	0			0		
29	S	S	SE	NE	NE	SE	30.8	99.5	90.4	41.2	261.9	0			1		Cu.-N.
30	SW	SE	SE	NE	E	S	46.5	84.8	94.4	48.5	274.2	0			1		Cu.-N.
Mean	------	------	------	------	------	------	52.3	68.4	95.8	64.1	280.7	2.6	------	------	2.1	------	------
Total	------	------	------	------	------	------	------	------	------	------	8,419.6	----	------	------	----	------	------

APARRI.

[ϕ=18° 22′ N ; λ=121° 38′ E ; barometer above sea, 5 meters ; gravity correction not applied, −1.57 mm.]

MAY, 1910.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.45	60.25	60.74	58.82	58.19	59.16	25	24.7	29.9	31.6	29.6	26	33.5	23.1	83	84	60	62	75	90	------
2	58.99	59.08	59.36	57.08	57.09	58.79	24.6	24	29.5	31.3	29.6	27.8	33.1	23.1	93	97	65	63	70	81	------
3	58.70	59.02	59.26	57.42	57.18	59.59	25.5	24.1	30.5	31.1	29.1	26	32.1	22.6	88	93	65	62	73	79	------
4	59.21	59.49	60.10	58.68	58.61	60.43	24.3	22.2	29.6	29.9	28.2	27	32.2	21.6	81	93	61	71	74	80	------
5	59.52	59.67	60.25	58.89	58.76	59.58	25.3	24.1	30.3	31	28	27	31.7	23.6	89	97	66	65	71	77	1.3
6	58.22	58.18	58.59	56.26	55.34	55.76	26.8	26.5	29.9	28.9	28	26.3	31.9	23	80	83	73	80	79	88	15
7	53.41	52.15	52.10	50.83	51.21	51.97	25.5	25.2	25.5	25.7	25.5	25.6	28.1	24	92	93	93	88	86	85	21.7
8	51.58	51.63	53.92	53.35	54.11	55.96	25.3	25	26.6	25.6	27.1	25.2	28	22.6	88	90	88	88	81	92	9.4
9	55.18	55.80	56.37	54.90	54.81	56.77	23.5	23	29	31.1	27.6	25.5	32.9	22.2	91	91	66	62	81	88	------
10	56.31	57.07	57.70	56.26	56.26	57.91	24.7	24.5	29	31	28.2	27	31.5	23.6	91	92	78	77	77	83	------
11	57.61	57.86	58.76	57.14	56.90	57.89	25.5	24.8	29	31	28.5	27.5	32.5	24	89	93	72	71	78	85	------
12	57.66	58.01	58.66	56.92	56.89	58.54	25.6	25	28	31	28.9	27.8	33.3	23.6	92	93	77	71	76	84	------
13	58.12	58.08	58.39	56.60	56.56	58.25	26	25.6	29.4	31.6	28.4	27.3	32.6	24.6	92	93	71	70	80	84	------
14	57.73	57.69	58.69	56.67	56.89	57.84	25.8	25	30	31.5	29.2	26.3	32.1	24.4	91	95	64	63	74	93	------
15	57.79	58.78	59.20	57.60	57.46	58.57	24.8	24	29	31.4	28.5	27	32	22.4	89	88	69	54	71	73	------
16	58.27	58.95	59.15	57.96	57.59	58.87	22.8	23.5	28.8	30.4	27.6	26.5	31.5	22.5	93	92	71	63	76	78	------
17	58.28	58.21	58.51	57.26	57.41	58.40	24.2	23.3	28.4	30	28.6	27	31.5	22.6	90	90	70	71	72	81	------
18	57.81	58.28	58.59	57.50	57.81	59.21	25.2	24.5	29.5	31.7	28.5	27	32.3	23.6	86	89	68	63	74	83	------
19	58.56	58.62	58.75	57.62	57.68	59.96	24.2	24.5	28.8	32.9	28.8	28.2	33.7	23.8	91	91	72	57	73	79	------
20	58.99	59.57	59.95	57.94	59.35	61.22	25.5	25	29.9	31.9	25.1	24.5	33.1	24.1	81	83	72	61	89	92	------
21	60.46	60.65	60.74	59.06	58.71	61.04	24.5	24.5	27.5	29.6	27.5	25.2	30.3	23.5	92	92	78	74	79	88	21.8
22	59.86	59.95	60.31	58.08	57.99	59.14	23.7	23.8	27.8	30	26.6	24.8	31.5	23	96	96	73	69	64	92	14
23	57.95	58.09	58.74	56.76	57.13	58.27	24.6	24.5	26.4	27.5	25.5	25	29	23.4	93	94	77	79	91	92	19.8
24	57.23	57.03	57.03	55.97	55.96	56.93	24	24	25	26.7	26.1	25.8	27.2	23	93	94	91	80	86	92	5.1
25	56.09	55.93	55.95	55.01	53.77	54.60	25	24.2	24.4	24.9	23.5	24	25.7	21.1	92	93	93	87	92	85	42.9
26	52.76	52.85	54.49	53.48	54.20	55.93	24.3	25	25.3	28.2	25.8	25	28.5	21	87	88	88	82	88	85	16.3
27	53.97	54.94	56.42	55.19	55.52	56.73	24.1	23.5	28	29.5	26.3	25.6	31.5	22.6	89	91	79	72	82	93	------
28	55.61	55.77	56.47	55.65	56.41	57.58	24.8	24.5	26	25.5	24.5	24.2	28	23.7	93	94	89	90	94	94	12.7
29	56.68	56.78	58.26	57.19	57.85	58.33	24	24	25.9	27.8	27.2	26	28.5	23.5	95	95	88	77	82	87	.6
30	57.94	57.73	58.93	57.79	58.14	59.02	25.2	24.5	26.7	28.2	27.6	23.4	29.8	22.6	88	91	81	89	86	93	8.2
31	58.40	58.54	59.11	57.15	57.19	59.23	23.5	23.7	28	30.4	28.5	24.5	33	22.3	92	94	73	71	83	93	4.5
Mean	57.37	57.57	58.18	56.68	56.74	58.11	24.8	24.3	28.1	29.6	27.5	26	31.1	23.1	89.7	91.7	75.2	72	79.3	86.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	193.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	S	S	NE	NE	W	68.6	107.2	81.1	39.2	296.1	0	------	------	0	------	------
2	SW	S	SE	NE	NE	W	53.4	90.6	82.7	49.4	276.1	0	------	------	0	------	------
3	SW	SW	NE	NE	ENE	E	43.7	39.4	99.2	32.2	214.5	0	------	------	0	------	------
4	SE	S	N	NE	NE	ENE	32.8	40.2	92.5	106.8	272.3	0	------	------	7	------	S.-Cu. E
5	E	E	NE	NE	NE	NE	20.3	45.9	115.9	86.1	268.2	0	------	------	1	------	Cu.-N.
6	ENE	NE	NE	NNE	N	N	82.9	101.1	127.4	130	441.4	10	------	N. NE	8	------	Cu.-N. NE
7	N	NNW	NW	NW	WNW	WNW	189.4	296.9	299.3	230.1	1,015.7	10	------	N.	10	------	N. N
8	W	W	W	SW	NW	SW	168.4	153.4	62	34.3	418.1	10	------	N. W	10	------	S.-Cu. W
9	SW	SW	SE	N	NW	W	24.4	50.2	121.2	80.3	276.1	7	Ci. S	S.-Cu.	1	------	Cu.
10	S	S	S	N	N	NE	40.8	61.2	75.8	35.2	213	0	------	------	1	------	Cu.-N.
11	W	W	S	N	N	N	41.5	47	76.7	41.5	206.7	1	------	Cu. S	1	------	Cu.-N.
12	SW	SW	S	N	N	N	39.2	88.2	80	48.3	255.7	0	------	------	2	------	Cu.-N.
13	W	SW	S	N	N	N	42.1	46.9	80	41.6	210.6	0	------	------	1	------	Cu.-N.
14	W	SW	SE	ENE	NE	SW	54.1	64.9	97.7	44.5	261.2	0	------	------	0	------	------
15	SW	SW	SE	NE	NE	ENE	47	44.3	95.8	87.7	274.8	3	------	Cu. E	0	------	------
16	E	W	NW	N	N	N	24.1	48.3	84.7	57.1	214.2	0	------	------	0	------	------
17	W	SW	W	NNW	N	N	68.7	62.3?	68.9	35.9	235.8	9	Ci.	------	8	Ci.	Cu.-N.
18	SW	S	S	N	NE	NE	47	38.1	74.8	48.3	208.2	0	------	------	0	------	------
19	W	S	S	NNE	NE	N	54.7	78.3	78.9	54.7	266.6	0	------	------	0	------	------
20	SW	S	S	NE	W	SW	62.6	61.7	94.6	44.1	263	1	------	S.-Cu.	1	------	Cu.-N.
21	S	S	S	NE	NE	W	46.9	52.9	98.5	92.7	291	10	------	S.-Cu. SW	1	------	Cu.-N.
22	SW	SW	S	NE	NE	SW	41.3	37.8	78.9	43.1	201.1	10	------	S.-Cu.	4	A.-Cu. W	Cu.-N.
23	SW	SW	SW	N	N	SW	46.1	45.6	56.3	44.3	192.3	10	------	S.-Cu.	10	------	S.-Cu.
24	W	S	S	S	E	E	53.7	71.4	67.3	30.4	222.8	10	------	N. SW	10	------	S.-Cu.
25	SW	SW	SSE	S	E	SE	56.8	86.6	57.9	53.9	255.2	10	------	N. S	10	------	N. S
26	SE	S	S	N	NW	NW	168.4	89.8	91.2	137.3	486.7	10	------	S.-Cu.	10	------	S.-Cu. N
27	SW	S	NW	N	N	NW	34.8	71	111.8	30.9	248.5	8	A.-Cu. SW	S.-Cu.	8	A.-Cu. W	S.-Cu.
28	W	SW	NW	N	SE	SE	29.8	43.8	48.5	34.4	156.5	10	------	S.-Cu.	10	------	N. N
29	S	SE	S	S	SE	S	56.1	46.5	35.6	46.7	184.9	10	------	S.-Cu. SW	10	------	S.-Cu. SW
30	SE	SE	SE	SSE	SE	SE	64.7	99	69.2	53.7	286.6	10	------	S.-Cu.	10	------	S.-Cu.
31	SW	S	SE	NE	NE	S	28.7	71.4	55.7	75.4	231.2	8	Ci. W	S.-Cu.	8	Ci.-S.	S.-Cu.
Mean	------	------	------	------	------	------	59.1	73.6	89	63.6	285.3	5.1	------	------	4.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	8,845.1	------	------	------	------	------	------

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

JUNE, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.12	58.23	58.55	57.10	58.15	59.32	24.2	24	28.5	31	24.1	24.2	32.1	22	91	91	73	71	94	90	36
2	58.60	57.78	58.26	56.89	57.44	59.31	23.5	23.6	28.5	31	28.4	25.5	32.2	23	94	93	76	69	75	91	------
3	57.81	57.97	58.30	56.70	57.35	58.46	24.9	24.7	28	31.5	29.1	26.3	33	24.1	92	86	77	63	73	88	------
4	57.34	57.46	57.89	56.42	55.96	58	25.8	25.4	29.2	31.3	30.1	27.6	33	24.6	89	91	74	69	74	86	------
5	57.56	57.81	58.80	57.70	57.60	59.28	25.7	25.2	29.7	33	30.5	27.5	34.4	24	82	82	62	55	76	88	------
6	59.22	59.51	59.99	58.55	58	59.36	26	25.8	30.5	32.6	30.8	27.8	34.4	25.1	89	90	71	65	70	89	------
7	58.97	59.16	59.46	58.32	58.43	59.81	26.2	25.5	30.5	32	30.8	28.1	33.8	25.1	89	90	65	68	69	79	------
8	59.10	59.21	59.24	58.30	58.56	59.80	26.2	25.5	30.2	32	29.1	27	34.4	25	89	89	70	68	80	87	------
9	59.20	59.01	59.09	57.47	57.79	59.29	26	25.5	29.5	33.2	29.8	27.7	34.1	24.8	89	90	73	56	75	90	------
10	59.24	59.23	59.58	58.72	59.40	60.34	26.1	25.8	30.1	32.1	30	27.5	34.1	25.2	91	92	71	66	74	88	------
11	60.04	60.22	60.94	59.74	59.57	61.12	26.1	25.4	29.7	32.2	30.3	25.9	33.3	24.6	89	91	70	61	66	86	------
12	60.49	61.07	61.33	59.58	59.47	60.86	25.6	25.5	29.3	32.6	29.9	26.2	33	24.3	87	86	70	62	72	85	------
13	60.50	60.26	60	58.47	57.90	59.36	26	25.1	30.5	31.6	30.3	27	33.8	24.1	84	89	65	65	67	77	------
14	59.19	59.18	59.19	57.88	57.40	59.16	26.5	25.9	31	32.2	30.6	28.1	33.6	24.9	80	83	61	58	69	87	------
15	58.79	59.18	59.62	57.64	58.07	59.08	26.7	26	30.5	33.9	30.7	28.5	34.6	25.1	86	85	67	50	70	87	------
16	58.31	58.53	59.37	58.10	57.90	59.60	27	25.5	30.4	32.7	31.6	28.5	34.7	24.8	80	86	67	61	68	80	------
17	58.99	58.87	59.60	58.02	57.79	59.51	26.4	25.3	30.3	32.1	29.6	27.7	33.6	24.6	84	85	62	66	67	75	------
18	58.57	58.56	59.69	58.34	58.15	60.34	26.5	26.8	30.6	30.5	29.5	26.5	32.1	25.6	82	80	65	67	69	82	1
19	59.27	59.37	59.13	57.97	57.77	59.56	24.8	26	30.5	32.5	30.1	27.6	33.9	24	93	87	61	59	61	79	------
20	58.84	58.81	59.47	57.83	57.33	58.95	25.8	24	30.5	31	29.4	26.4	33.7	23	84	91	64	64	71	79	------
21	58.30	58.54	58.74	57.15	57.72	59.35	25.5	25.7	30.3	31.8	27.7	26	33.5	23.5	88	88	64	60	82	89	4.1
22	59.19	59.54	59.91	58.02	57.55	58.96	25.5	25.3	30.3	32.4	30.9	27.1	33.1	24.6	88	88	64	62	70	75	------
23	58.44	58.26	58.91	57.57	56.99	58.28	26	25.2	31.3	30.1	29.5	27.2	33.2	24.8	82	88	66	71	76	83	------
24	57.18	57.36	58.04	56.92	56.44	58.14	25.5	24.9	30.4	32	29	27.4	33.4	23.6	89	91	70	67	76	80	------
25	57.21	57.49	57.76	56.66	56.92	58.35	25.7	25.6	30	31.9	29.4	27	33.1	24.6	89	90	66	59	67	72	------
26	57.52	57.29	57.54	56.15	56.12	57.44	26	25	29.4	30	28	27.5	31.4	24.4	80	90	67	73	77	82	8.4
27	56.54	55.98	55.71	55.32	55.56	56.83	26.1	25.5	25.2	26.5	25.5	24.8	28.4	23.7	91	94	97	86	88	92	69
28	56.38	57.17	57.36	56.18	55.91	57.45	25	25	27.8	27.2	26.5	25.5	31.7	23.8	90	90	77	81	86	88	.8
29	56.34	56.97	57	55.62	55.45	57.54	25.2	26	31	32.5	30.5	26.6	33.3	24	87	78	61	55	64	78	------
30	56.93	56.98	56.79	55.29	55.92	57.69	25.5	24.7	30.4	33	29.5	25.6	34.2	23.9	81	84	60	52	74	90	------
Mean	58.41	58.50	58.84	57.49	57.49	59.02	25.7	25.3	29.8	31.6	29.4	26.9	33.2	24.3	87	87.9	68.5	64.3	73.3	84.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	119.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	S	N	SW	E	33.5	61.7	85	44.8	225	4	Ci.-S.	S.-Cu.	5	A.-Cu. S	Cu.-N.
2	S	SW	SE	NW	N	SW	45.6	85.5	62.8	32.2	226.1	6	A.-Cu. SW	S.-Cu.	2	------	Cu.-N.
3	SW	S	S	S	NW	SW	54.1	111.3	76.7	47	289.1	2	A.-Cu. SW	S.-Cu.	7	A.-Cu. SW	Cu.-N.
4	SW	S	S	NE	NE	SW	54.9	99.8	88.8	52.6	296.1	7	Ci. N	S.-Cu.	3	------	Cu.-N. S
5	SW	S	SSE	S	E	SW	53.6	108.1	92.8	60.9	315.4	0	------	------	0	------	------
6	SW	SW	S	NE	ENE	SW	33.3	75.6	74.6	49.6	233.1	0	------	------	1	------	Cu.-N.
7	SW	SW	S	N	N	N	81.5	71.4	88.5	41.5	282.9	0	------	------	0	------	------
8	W	SW	S	N	NW	W	58.4	64.9	72.7	53.7	249.7	0	------	------	1	------	Cu.-N.
9	SW	S	S	ESE	NW	W	57.1	116.2	81.3	54.9	309.5	0	------	------	1	------	Cu.
10	SW	SE	S	NE	NW	W	63.1	103.5	89.1	64.2	319.9	0	------	------	1	------	Cu.-N.
11	SW	SE	S	NE	SE	SW	61.8	100.1	90.1	52.3	304.3	0	------	------	0	------	------
12	S	SE	S	E	E	E	53.9	88.5	90.4	40.5	273.3	0	------	------	2	------	Cu.-N. S
13	SE	SE	S	NE	E	SE	32.7	98.2	87.2	40.8	258.9	0	------	------	1	------	Cu.-N.
14	SE	SE	SE	NE	ENE	SW	69.4	115.3	96.9	52.6	334.2	0	------	------	0	------	------
15	S	S	S	SE	N	W	52.5	104.6	88.3	34.9	280.3	0	------	------	0	------	------
16	S	SE	S	NE	N	S	67	100.6	83.7	56.6	307.9	0	------	------	1	------	Cu.-N.
17	S	SE	S	NE	ENE	SE	55.8	101.6	88.7	35.2	281.3	0	------	------	1	------	Cu.-N.
18	S	S	S	NE	E	E	70	83.7	89.3	49.1	292.1	0	------	------	1	------	Cu.-N.
19	SE	S	S	ENE	E	S	38.6	111	105.7	53.3	308.6	0	------	------	1	------	Cu.-N.
20	SW	SE	S	NE	ENE	SE	39.6	52.5	109.1	58.9	260.1	0	------	------	5	Ci.-S. SE	Cu.-N.
21	SE	S	S	NE	SW	E	47.7	69.7	65.5	38.6	221.5	6	Ci. W	Cu.	1	------	Cu.-N.
22	S	S	S	NE	NE	E	58.7	85.9	79.2	66.3	290.1	0	------	------	0	------	------
23	SW	SW	N	NE	NE	E	25.7	36.5	101.7	52.5	216.4	1	Ci.	S.-Cu.	9	Ci.-S. E	S.-Cu.
24	SW	S	S	NE	NE	E	40.8	66.6	113.3	52.3	273	0	------	------	8	Ci. E	Cu.-N.
25	SW	S	SE	ENE	NE	E	35.9	66.2	83.7	29.8	215.6	0	------	------	1	------	Cu.-N.
26	SW	S	SE	NE	E	NE	39.6	47.8	64.7	60.9	213	1	A.-Cu. E	S.-Cu.	10	Ci.-S. SE	Cu.-N.
27	NE	W	S	S	SW	SE	24.4	112.7	158.2	68.6	363.9	10	Ci.-S. E	S.-Cu. SE	10	------	S.-Cu. S
28	SW	S	S	SE	SE	SE	69.5	89.5	82.7	56.8	298.5	10	------	S.-Cu. S	10	------	S.-Cu.
29	S	S	SE	SE	SE	SE	75.9	113.7	103.2	54.9	347.7	9	Ci.-S.	S.-Cu.	1	------	Cu.-N. S
30	S	S	S	SE	E	W	40.2	74.6	90.6	53.9	259.3	1	Ci.-S.	S.-Cu.	1	------	Cu.-N.
Mean	------	------	------	------	------	------	51.2	87.2	89.5	50.3	278.2	1.9	------	------	2.8	------	------
Total	------	------	------	------	------	------	------	------	------	------	8,346.8	----	------	------	----	------	------

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, −1.57 mm.]

JULY, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.40	56.58	56.98	55.56	56.41	57.52	25	25.7	29.1	32	28	26.8	33.2	24.5	92	84	65	64	80	81	-----
2	57.03	57.04	57.49	56.17	55.96	58.09	25.7	25.6	29.8	31.9	29.9	25.8	33.5	24.1	87	87	69	58	67	82	-----
3	57.21	57.51	57.99	56.76	56.53	58.82	25.8	25.5	30.8	31.1	28.7	26.5	32.5	24.1	82	86	65	64	69	82	-----
4	57.34	57.55	57.81	56.93	57.14	59.21	24.5	23.6	29.1	29.5	27.2	25.5	31	22.9	87	90	69	77	94	90	-----
5	59.05	58.88	59.26	58.35	58.79	60.84	24.6	24.5	27.4	31	28.5	25	33	23.6	93	92	81	64	79	90	4.6
6	60.34	60.54	61.44	59.59	59.67	61.30	25	25	28.7	32.7	29	28.4	33.2	23.6	87	85	77	61	78	73	-----
7	60.32	59.92	60.26	59.10	59.48	61.12	26.5	25.5	29.7	32	29.8	24.4	33.6	23	85	89	67	59	78	88	5.1
8	59.53	58.83	59.02	58.04	56.99	58.02	24.3	24	27.6	32	29.8	27	33.1	22.8	87	90	75	55	70	78	-----
9	57.40	57.31	57.54	56.37	56.48	57.89	26.3	25	30	32.2	29.6	27	33.9	24	79	85	65	59	78	87	-----
10	56.94	57.46	57.74	56.73	56.32	58.28	26.2	25.4	30.5	32.4	29.8	28.1	33	24.6	75	77	58	60	78	87	-----
11	57.51	57.61	57.64	56.73	56.46	58	26.2	25	29.4	32.4	29.5	27.6	34	23.7	79	82	67	56	75	86	-----
12	57.33	57.34	57.29	56.06	55.96	56.77	26.2	24.4	30	31.4	27.5	26.7	33.2	24	86	87	66	68	76	79	-----
13	55.76	55.84	56.05	54.90	54.51	55.30	25.4	24.5	29.4	30.5	29.6	26.6	32.3	23.9	82	86	66	70	72	86	-----
14	54.46	53.73	54.14	53.60	53.81	54.62	26.1	25.6	30.5	31.5	28.6	26.1	33.4	24.5	87	89	64	62	80	86	-----
15	54.02	53.98	54.48	53.65	54.25	55.21	25.1	25	26.9	28	26.5	25.5	30	24.2	89	88	80	79	91	88	3.9
16	54.33	54.55	54.60	53.24	53.74	54.34	24	24.4	24.5	25	24	24.4	29.5	23.2	91	90	91	88	90	88	4.4
17	53.96	53.92	54.82	54.31	54.78	56.26	24.4	24	25.2	26.9	27	27	27.5	23.1	85	87	83	80	65	67	-----
18	56.93	57.08	58.34	57.27	56.90	58.11	25.5	25	28.5	31.3	29	26.5	33.4	23.5	77	81	66	60	74	91	-----
19	57.73	58.10	58.34	57.41	57.27	58.63	35.9	24.1	30.3	32.3	31	28	33.2	23.6	88	95	68	60	73	88	-----
20	58.05	58.21	59.20	58.48	58.55	59.56	26.2	23.5	28.2	29.5	27.7	26.5	32	23.1	87	96	74	68	83	93	1.5
21	59.68	60.27	61.10	59.87	59.49	60.93	24.4	23.8	28.7	32.1	30.4	26.4	33.5	22.6	87	86	71	66	74	79	-----
22	60.35	60.40	60.79	58.97	58.66	59.68	26	25	31.6	31.8	29.5	27.7	34	24.2	82	90	64	66	75	82	-----
23	58.43	58.02	58.49	57.12	56.62	57.80	25.9	25	31	31.5	28.7	27.8	32.6	24.4	88	90	68	62	74	77	-----
24	56.67	56.26	56.89	56.39	56.04	57.33	25.5	25.1	30.4	31.8	30	28.2	32.8	22.7	92	93	65	64	70	76	-----
25	55.90	56.31	57.44	56.74	56.28	57.78	25.7	25.2	29	31.6	30	27.6	32.5	24.6	86	90	75	65	70	78	-----
26	56.88	57.35	58.19	56.98	56.99	58.28	25.1	24.5	29.8	32.6	30.1	27.5	33	23.6	91	92	62	56	68	84	-----
27	57.33	57.69	57.84	56.96	56.71	57.44	25.2	24.6	30	32	29.5	28.6	33	24.1	93	93	65	57	69	76	-----
28	56.38	56.85	56.99	55.42	54.55	56.36	25.2	24.5	30	32.1	29.5	27.2	33	24.1	92	94	69	63	73	75	-----
29	55.43	55.46	56.45	54.68	53.99	55.89	24.2	25	30.2	32.4	30.5	27.7	33.5	23.5	91	90	65	51	65	76	-----
30	55.41	55.97	56.59	55.22	55.20	57.41	25.9	24.7	30	32.1	29.7	27.5	33	23.2	78	78	57	50	71	84	-----
31	56.47	57.12	57.98	56.23	56.46	57.89	26	25.5	30.5	31.5	29.3	28.2	32.5	24.6	88	86	66	67	72	82	2.5
Mean	57.12	57.22	57.72	56.58	56.48	57.89	25.4	24.8	29.3	31.2	29	26.9	32.6	23.7	86.2	88	69.1	63.8	75.2	82.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	22

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	S	S	NE	W	W	13.5	94.6	77.7	34.1	219.9	8	Ci.-S. W	S.-Cu.	7	-----	Cu.-N. S
2	SW	S	S	NE	SE	SE	44	93.9	94.6	47.2	279.7	7	Ci.-S. W	S.-Cu.	2	-----	Cu.-N.
3	S	S	S	ENE	SE	S	38.8	102.7	85.9	100.1	327.5	10	A.-Cu. SE	S.-Cu.	6	A.-Cu. SE	Cu.-N.
4	SE	E	S	N	SW	SW	63.3	51.5	59	56.1	229.9	10	-----	S.-Cu. S	10	-----	Cu.-N. SE
5	SW	S	S	S	NW	SE	54.7	72.7	77.7	53.3	258.4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
6	SW	SE	S	NE	NNE	E	45.1	45.3	57.7	38.4	186.5	10	-----	S.-Cu. E	3	Ci.-S.	S.-Cu.
7	SW	S	S	N	N	SE	54.4	72.2	77.7	106.2	310.5	10	A.-Cu. NE	S.-Cu.	1	-----	Cu.-N.
8	S	S	S	N	E	SE	135.4	118.8	57.3	45.1	356.6	0	-----	-----	0	-----	-----
9	E	S	S	N	E	E	79.4	58.9	82.6	48.9	269.8	1	Ci.	-----	0	-----	-----
10	S	SW	S	N	E	S	63.9	57.1	71.4	66.2	258.6	1	Ci. E	-----	1	-----	Cu.-N.
11	SE	S	S	N	NW	S	65.4	66.8	109.2	89	330.4	0	-----	-----	0	-----	-----
12	S	S	S	N	SW	SW	87.5	70.2	116.1	30.4	304.2	8	Ci. E	-----	6	Ci. E	Cu.-N. W
13	SW	S	SW	NW	NW	S	70.3	54.9	86.1	42.1	253.4	7	Ci.-Cu. E	S.-Cu.	7	A.-Cu. E	S.-Cu.
14	SW	S	ENE	NE	S	S	30.6	56.8	62.8	61.5	211.7	8	Ci.-S. E	S.-Cu.	10	Ci.-S.	S.-Cu.
15	S	S	SW	S	E	S	99	49.4	-----	-----	-----	10	-----	S.-Cu.	10	A.-S.	S.-Cu.
16	SW	S	S	S	S	S	110.7	141	123.1	179.9	554.7	10	-----	N.	10	-----	S.-Cu. W
17	S	S	S	S	SW	S	200.1	170.4	152.6	94.6	617.7	10	Ci.-S.	S.-Cu. SW	10	-----	S.-Cu.
18	S	S	S	S	ENE	SW	66.3	97.9	71.3	17.1	252.6	10	A.-S.	S.-Cu.	10	A.-S.	S.-Cu.
19	W	SW	S	NE	N	W	43.8	44.3	81.9	27.9	197.9	0	-----	-----	1	-----	Cu.-N.
20	E	S	E	E	S	S	20.4	30.3	33.2	43.5	127.4	0	-----	-----	7	Ci.-S. E	Cu.-N.
21	S	S	S	NE	NE	SE	103	86.9	92.7	39.2	321.8	0	-----	-----	1	-----	Cu.-N.
22	SW	SW	NE	NE	NE	E	40.5	62.6	114.6	73.4	291.1	0	-----	-----	0	-----	-----
23	SW	SW	NE	NE	NE	NE	20.9	46.5	113.8	87.2	268.4	0	-----	-----	0	-----	-----
24	SW	S	SSE	NE	NE	ENE	33	56.6	110.4	72.4	272.4	0	-----	-----	0	-----	-----
25	SW	SW	NE	NE	ENE	ENE	51.5	77	83.1	44.3	255.9	0	-----	-----	0	-----	-----
26	SW	SW	SE	NNE	N	NE	38.3	37.5	85.6	34.9	196.3	0	-----	-----	0	-----	-----
27	W	SW	S	N	N	NW	55.8	41.2	93.9	89.3	280.2	0	-----	-----	0	-----	-----
28	SW	SW	S	N	NW	W	44.1	55.3	175.9	90.4	365.7	0	-----	-----	1	-----	Cu.-N.
29	SE	S	SW	N	NW	S	47.7	69.5	102.5	52.5	272.2	0	-----	-----	0	-----	-----
30	S	S	S	N	NE	SE	68.7	50.9	87.2	34.6	241.4	5	Ci. E	-----	10	Ci.-S.	Cu.-N.
31	S	S	S	N	N	W	76.2	75.8	56.9	39.4	248.3	10	Ci.-S.	S.-Cu.	9	Ci. W	Cu.-N.
Mean	-----	-----	-----	-----	-----	-----	63.4	71.3	89.8	61.3	285.4	4.7	-----	-----	4.3	-----	-----

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

AUGUST, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.31	57.21	58.09	56.15	56.98	57.96	25.3	25	28.4	31.3	26	25	32	24.1	94	90	72	64	79	94	------
2	56.92	56.14	56.86	55.04	55.54	57.08	24.7	23.8	28.7	31.6	28.6	25.2	32.5	23.1	94	95	73	62	76	94	18.3
3	56.66	56.27	56.60	55.42	55.85	57.46	24.5	24.5	29.8	31	28.1	27.6	32	23.6	92	92	71	68	79	79	2.3
4	56.81	56.91	57.21	56.59	56.51	58.01	25.2	25	29.5	31	29	27	32.6	23.8	90	88	72	68	76	84	------
5	57.41	57.23	57.73	56.27	56.69	58.39	26	26.1	29.8	33.8	29.5	28.5	34	24.6	92	91	75	56	76	80	------
6	57.89	57.53	57.71	56.61	56.54	57.75	26.8	26.5	30.1	31.5	30	27.1	32.5	25.5	90	91	73	69	74	90	------
7	56.74	56.43	56.74	55.47	55.49	56.82	26.2	24.9	29.4	32.2	28.7	27.7	33	24.1	82	87	72	64	78	78	------
8	55.93	55.48	56.05	54.47	54.61	56	26	25	29.5	31.3	29.8	27.5	33.7	24.1	84	87	71	61	73	79	------
9	55.66	55.16	55.46	54.24	55.71	56.43	26.1	24.7	30	33.4	24.5	25	34.1	23.6	83	89	67	55	92	95	7.4
10	55.77	54.81	55.19	54.57	55.59	56.82	24.9	24.7	29.9	32	26	26	33.1	24	92	92	70	58	92	89	9.4
11	55.52	55.26	55.80	54.10	55.24	56.69	25.8	25.2	29.4	33.8	28.1	28	34	24.5	89	92	75	59	79	76	8.9
12	56.13	56.26	56.69	55.21	55.44	56.86	26.3	25.2	30.5	32.5	30	25.9	33.9	24.1	83	88	66	64	70	88	7.6
13	55.30	55.51	55.65	53.55	53.99	55.41	25.5	25	30.8	33	30.1	27.2	33.9	24	88	87	65	60	76	89	------
14	54.95	54.69	55.58	54.65	55.62	56.96	26.2	25.5	31	32.5	30	26.3	35	24.4	89	89	67	66	77	87	------
15	56.17	56.69	57.05	55.40	56.15	57.59	25.5	25	30.4	33.5	29.6	28.2	34.5	24.5	88	90	71	62	77	79	.8
16	56.71	56.98	57.24	55.73	56.11	57.29	25.6	26	30.2	31.8	29.6	28.8	33.4	24.1	95	90	71	66	74	78	------
17	56.47	56.66	57.58	56.42	55.99	57.91	26.8	25.9	30.7	32.8	30	28.6	34	24.6	87	91	72	65	71	84	------
18	57.38	57.48	58.21	57.07	57.05	58.44	26.5	26.4	29.9	31.5	29.5	27.5	33	25.2	91	92	74	72	81	88	------
19	57.91	57.91	58.65	57.24	57.40	58.50	25.5	25.5	30.5	32.5	29.7	26.5	33.6	24.6	91	90	71	62	76	83	------
20	57.61	57.76	58.38	56.88	57.30	58.69	25.5	25.3	30.5	32.5	29.5	27.5	33.4	24.3	89	91	73	65	77	91	------
21	57.80	57.89	58.06	56.12	57.02	58.86	25.8	25.5	30.5	32.6	29	26.2	34	24.5	91	89	65	60	81	87	------
22	58.42	57.98	58.30	57.12	57.62	59.43	26.3	26.1	31	34.9	29.5	29	35.4	24.9	86	88	62	47	80	76	------
23	58.75	58.43	58.71	57.72	57.86	58.66	25.5	25.5	30.7	30.8	29	27.4	33.1	24.5	88	86	70	73	74	80	1.3
24	58.06	58.13	58.66	57.46	57.12	58.13	26.1	24.5	27.5	27.4	26	24.7	30.4	24	85	92	79	84	87	94	3.8
25	56.64	56.49	57.31	56.09	56.26	57.52	24	23.5	28.6	29	27.5	26.4	31.7	23	95	96	75	71	73	84	.5
26	55.94	55.98	56.11	54.51	55	56.27	25	24.6	28.6	28.4	27.6	26.5	31.9	23.8	92	93	75	77	80	86	1.5
27	55.06	54.86	56.38	55.03	55.73	56.64	25.8	24.9	24.5	25.2	25	24.2	26.7	23.5	87	91	90	84	94	91	39.1
28	55.13	55.68	56.25	54.58	55.02	55.92	24	23.5	24.5	25.5	25.5	25	26	22.9	91	92	93	86	86	88	15
29	54.78	54.72	55.57	54.64	55.03	55.78	24.9	23.8	24.5	25.5	24.5	24.4	26	22.9	88	91	90	89	92	92	11.4
30	54.60	54.46	55.36	54.03	54.34	55.16	24.9	24.6	29	30.8	28.5	27	31.3	23.2	87	89	71	59	74	86	------
31	54.02	53.98	54.71	52.90	53.26	54.34	26	25	28.7	31.5	28.9	27.5	32.3	24.6	84	88	75	63	77	79	------
Mean	56.43	56.35	56.90	55.53	55.94	57.22	25.6	25.1	29.3	31.2	28.3	26.8	32.5	24.1	88.9	90.2	73.1	66.4	79.1	85.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	127.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	S	NE	W	SW	64.1	61.2	57.2	31.4	213.9	10	Ci.-S.	S.-Cu.	9	Ci. W	Cu.-N.
2	S	S	S	NE	NE	W	89.5	80.8	91.2	75.3	336.8	5	Ci.	Cu.-N. S	1	------	Cu.-N.
3	SW	S	S	N	N	NW	47.3	53.7	79.4	53.6	234	7	Ci. SE	Cu.-N.	1	------	Cu.-N.
4	SW	SW	S	N	N	W	48.5	65.4	73	71.6	258.5	5	A.-Cu. S	S.-Cu.	1	------	Cu.-N.
5	SW	SW	S	SE	N	N	50.4	75.6	92	82.7	300.7	1	------	Cu.-N.	1	------	Cu.-N.
6	W	S	N	NE	N	SE	45.8	47.8	76.9	27.7	198.2	2	------	Cu.-N.	3	------	Cu.-N.
7	S	S	S	N	E	SW	98.2	95.2	85.8	46.6	325.8	7	Ci.-S.	S.-Cu.	2	Ci.	Cu.-N.
8	S	S	S	N	SE	S	117	92.4	61.9	86.7	358	7	Ci. E	S.-Cu.	5	Ci. E	Cu.-N. W
9	S	S	S	SE	E	SW	86	111.3	67.8	40.1	305.2	4	Ci. E	------	7	Ci. E	Cu.-N. S
10	S	S	S	NNE	SE	SE	84.3	104	86.6	45.7	320.6	3	Ci. E	S.-Cu.	1	Ci.	Cu.-N.
11	S	S	S	SE	NE	SW	123.9	133.9	42.6	47.7	348.1	4	Ci. E	S.-Cu.	5	------	Cu.-N.
12	S	S	S	N	NE	SE	89.1	99	71.6	64.9	324.6	2	Ci.	S.-Cu.	5	A.-Cu. SW	Cu.-N.
13	S	S	S	N	E	S	113	78.1	83.5	68.1	342.7	3	Ci. E	Cu.-N.	4	Ci.	Cu.-N.
14	S	S	S	NE	NE	W	47	79.5	87.4	58.9	272.8	1	Ci.	------	4	Ci.-S. E	Cu.-N.
15	SW	S	S	NE	N	NW	54	61.9	76.9	74.6	267.4	0	------	------	1	Ci.	Cu.-N. S
16	SE	S	S	NE	NE	N	36	46.4	86.9	59.5	228.8	1	Ci.-S.	S.-Cu.	1	------	Cu.-N.
17	SE	S	NE	N	NE	NW	33.1	40.4	72.6	34.3	180.4	1	------	Cu.-N.	0	------	------
18	W	SW	SW	NW	NW	W	47.4	59.3	109.7	56	272.4	2	------	Cu.-N. S	0	------	------
19	W	S	S	N	N	W	67.6	59.5	70.5	40.5	238.1	8	A.-Cu. E	S.-Cu.	5	Ci. E	Cu.-N.
20	SW	SW	S	NE	NE	SW	50.6	49.3	82.6	55	237.5	1	Ci.	Cu.-N.	1	Ci.-S.	Cu.-N.
21	SE	S	S	NE	NW	W	63.6	110.4	98.2	69.9	342.1	5	Ci.-S. E	Cu.	3	Ci. E	Cu.-N.
22	SW	S	S	SE	NW	NW	61.8	119.1	114.4	92.8	388.1	0	------	------	1	------	Cu.-N.
23	SW	SW	N	NE	NE	E	49	36.1	84.6	52.8	222.5	5	A.-Cu. NE	S.-Cu.	9	A.-Cu. S	Cu.-N.
24	S	E	E	E	SE	SW	24.3	46.4	46	53.9	170.6	10	Ci.-S.	S.-Cu. E	10	Ci.	S.-Cu.
25	SW	S	S	SE	N	N	57.8	43.8	32.5	47.3	181.4	7	Ci. NE	S.-Cu.	10	Ci.-S. SE	Cu.-N.
26	W	S	S	NW	E	SE	59.5	87.9	77.9	29.5	254.8	7	Ci.-S.	Cu.-N.	10	Ci.-S.	S.-Cu.
27	S	S	S	S	NW	SW	98.1	124	79.8	72.6	374.5	10	------	S.-Cu. SW	10	------	S.-Cu.
28	S	S	S	S	S	S	98.8	72.7	113.5	103.3	388.3	10	------	N.	10	------	S.-Cu. SW
29	S	S	S	S	W	SE	78.6	53.1	32.1	24.7	188.5	10	------	N. SW	10	------	N.
30	SW	S	S	SW	NW	SW	55.8	95.8	53.9	18	223.5	9	Ci.-S. NE	S.-Cu.	10	A.-Cu. W	S.-Cu.
31	S	W	S	SW	NE	NE	18.2	79.4	34.4	26.4	158.4	7	A.-Cu. SW	S.-Cu.	10	Ci.-S. W	S.-Cu.
Mean	------	------	------	------	------	------	66.4	76.2	74.9	55.2	272.8	5	------	------	4.8	------	------
Total	------	------	------	------	------	------	------	------	------	------	8,457.2	------	------	------	------	------	------

APARRI.

[φ=18° 22′ N ; λ=121° 38′ E ; barometer above sea, 5 meters ; gravity correction not applied, −1.57 mm.]

SEPTEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	53.23	52.86	53.38	52.61	52.49	54.35	26.9	26.5	30.8	31	29.9	28.4	32.2	25.1	81	80	64	64	64	68	------
2	52.97	53.14	53.57	52.27	52.92	54.17	27.5	26.9	31	33	29.9	28	33.5	25.9	72	74	60	56	65	73	------
3	53.46	53.39	53.61	52.02	52.55	53.94	25.8	25.9	30.5	33	30	27.9	33.6	24.6	85	83	64	51	70	74	------
4	53.62	52.41	52.64	52.05	52.26	53.33	27.2	26.7	30	31.1	29	26.1	33	25.6	75	77	67	67	68	85	------
5	52.34	52.57	52.95	51.88	52.24	54.01	26	25.6	27.8	27.2	27	25.2	29.8	24.6	84	87	76	84	83	90	5.9
6	52.94	52.56	53.40	52.37	52.75	53.49	24.2	25	25.6	26.4	26	25	27	23.5	93	88	88	82	87	92	4.9
7	53.18	53.25	54.81	53.89	54.77	56.30	24.9	24.5	28.5	30	25.4	25	30.9	23.5	91	92	70	68	95	95	13.5
8	56.17	56.56	57.81	56.67	57.96	59.11	25	25	28.5	30.5	26.5	25	31.8	23.6	93	93	79	74	86	90	.5
9	58.26	58.68	59.46	58.06	58.24	59.84	23.4	24.1	28.8	31	28	25.7	32.6	22.5	93	94	73	68	83	91	2.8
10	59.27	58.98	59.45	57.21	57.26	58.86	24.5	24.7	27.3	29.1	28.1	25.8	31	23.5	96	94	84	76	82	92	------
11	58.06	58.03	58.99	57.59	58.51	59.36	25.7	25	29.1	30.8	26.7	25	31.7	24	88	91	75	69	85	90	------
12	58.88	59.48	60.19	57.68	58.31	60.29	24.9	24.5	29.7	30.4	29	27	33.4	23.6	88	91	72	73	76	90	------
13	59.74	59.65	60.26	58.64	58.66	60.23	26.2	25.5	29.4	31.5	28.5	27.2	33.1	24.4	90	86	65	64	81	89	------
14	59.04	59.10	59.71	58.19	57.84	59.51	25	24.7	28.5	28	27.5	24.8	30.9	23.9	92	92	78	83	81	88	14.2
15	58.68	58.82	59.66	57.77	57.50	58.82	25.1	24.6	29.9	31	28.2	25	32.6	23.6	91	93	67	69	72	87	------
16	58.26	58.21	58.90	57.31	57.86	59.55	24.8	24.6	30.9	30	26.6	25.2	32.3	24	89	92	64	71	83	92	.3
17	58.81	58.91	59.96	58.55	58.74	60.61	24.4	24.7	29.7	28	28	25	31.6	23.2	92	91	71	79	80	92	3.8
18	59.74	60.12	60.93	59.30	59.52	61.01	25.1	25	29.5	31.2	27.6	24.2	32	23.5	91	92	73	67	84	94	46.2
19	59.91	60.07	60.75	58.35	58.49	59.99	24.3	24.2	27.7	29.5	28	26.8	32	23.5	94	97	78	72	80	90	------
20	59.26	58.37	58.94	57.16	57.29	59.24	25	24.7	28.4	31.2	28.5	26.1	32	24.1	92	92	77	66	70	82	------
21	58.89	58.93	59.36	57.44	57.79	59.39	25.2	24.5	30.3	31.4	27	25.6	32.5	23.9	87	92	66	68	77	81	------
22	59.11	59.25	60.50	58.46	58.44	60.09	24.8	24.5	27.3	29	28	25.3	31.1	23.4	87	89	75	72	73	85	1.3
23	59.64	59.47	60.14	58.30	58.49	59.82	24.8	23.5	29	31.3	28.5	25.7	32.4	23	85	93	69	63	75	93	50.3
24	58.37	57.37	55.17	52.15	53.73	55.33	25.9	25.1	27.2	25.2	25.2	25.5	28.9	23.1	91	86	85	84	93	86	23.6
25	55.27	56.53	57.56	56.40	56.38	58.15	25	23.7	29.4	30.1	28	27.4	31.5	23.1	83	90	70	71	81	83	------
26	57.66	57.86	58.57	56.34	56.36	57.33	26.2	24.4	27.5	29	27	25	29.9	23.5	87	95	82	75	87	92	7.6
27	55.62	55.45	55.91	53.65	53.88	54.38	24	24.2	28.9	30.5	27.5	26	31.1	23	95	94	76	68	82	92	------
28	52.68	52.18	52.21	49.89	49.74	50.86	24.5	24.5	28	26.8	26	25.7	28.7	23.6	92	91	79	84	90	93	2.5
29	50.08	50.33	51.41	49.93	51.46	52.83	25	24.8	29.4	30.8	27	25.8	32.6	24.1	93	93	72	65	83	90	------
30	52.77	53.48	54.55	53.40	55.23	57.36	25.3	25	30	31.6	26.4	25	33	24.3	89	88	70	67	91	92	52.4
Mean	56.53	56.53	57.16	55.52	55.92	57.38	25.2	24.9	29	30	27.6	25.8	31.6	23.8	88.6	89.7	73	70.7	80.2	87.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	229.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	S	SW	SW	SW	58.8	100.6	110.1	117.5	387	10	------	S.-Cu. W	10	Ci.-S.	S.-Cu.
2	SW	S	S	SW	SW	SW	99	149.8	98.9	88.5	436.2	1	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. sw
3	S	S	S	SW	N	W	78.8	121.8	111.1	41.7	353.4	4	Ci. E	S.-Cu.	10	Ci. E	Cu.-N.
4	W	S	S	N	S	S	67.5	101.5	66.3	102.7	338	9	Ci. E	S.-Cu.	10	Ci.-S. NW	S.-Cu.
5	S	SW	S	S	SW	SW	106.2	90	62	79.7	337.9	10	Ci.-S.	------	10	Ci.-S.	S.-Cu.
6	SW	S	S	S	S	W	69.8	64.9	44.8	43.5	223	10	------	N.	10	------	S.-Cu.
7	SW	SW	SW	N	W	SE	24.6	23	91.2	30	168.8	10	------	S.-Cu.	7	A.-Cu. W	S.-Cu.
8	S	S	S	NE	W	SW	60.9	40.1	93.3	85.3	279.6	10	------	S.-Cu. SW	2	A.-Cu. E	S.-Cu.
9	SE	S	S	NE	NE	W	46.7	68.1	81.8	81.6	278.2	10	A.-Cu. S	S.-Cu.	7	A.-Cu. SE	S.-Cu.
10	W	W	SE	NE	NE	SW	39.3	15.8	45	19.4	119.5	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	S.-Cu.
11	S	S	S	NE	W	SW	52.2	60.9	69.2	51.8	234.1	8	A.-Cu. W	S.-Cu.	7	Ci.	S.-Cu.
12	W	SW	S	NE	N	W	23.6	88.4	77.2	48.2	237.4	10	Ci.-S. E	S.-Cu.	10	A.-Cu. E	S.-Cu.
13	W	S	S	NE	NE	SE	21.6	42.9	61.5	20.9	146.9	6	Ci. N	S.-Cu.	3	Ci.-S. S	Cu.-N.
14	S	SW	NE	N	SE	SE	40.9	23.2	38.6	33.8	136.5	3	------	Cu.-N. E	9	------	Cu.-N. E
15	S	S	S	NE	E	E	52	67.6	84.8	37.8	242.2	0	------	------	7	------	Cu.-N. S
16	S	S	E	NE	S	S	19.6	37.3	54.9	33	144.8	2	------	Cu.-N. SE	8	------	Cu.-N. SE
17	S	S	S	N	E	SW	40	49.9	50.4	51.7	192	9	A.-Cu. E	S.-Cu.	10	------	Cu.-N. SE
18	S	S	N	N	NW	NW	36.7	42.8	93.9	77.9	251.3	4	Ci.-S. W	S.-Cu.	1	------	Cu.-N.
19	W	S	S	NE	N	W	50.8	53.9	42.3	33.5	180.5	10	Ci.-S. W	S.-Cu.	2	Ci.-S. E	Cu.-N.
20	W	S	S	NE	E	E	22.6	78.4	80.5	57.9	239.4	0	------	------	1	------	Cu.-N.
21	S	SW	NE	NE	SE	SE	22.2	48.6	103.7	61.2	235.7	0	------	------	1	------	Cu.-N.
22	SE	S	SE	NE	E	E	43.5	79.7	14.5	11	148.7	1	Ci.-S.	S.-Cu.	9	------	Cu.-N. SE
23	E	SE	S	N	N	W	26.5	16.1	69.1	109.1	220.8	2	Ci. NW	------	1	Ci.-S.	Cu.-N.
24	NW	NW	NNW	E	E	E	147.3	236	258.1	125.5	766.9	10	------	N. NNW	10	------	N. E
25	E	SE	SE	E	NE	SE	50.7	29	64.6	79.5	223.8	2	Ci. W	S.-Cu.	5	Ci. W	Cu.-N.
26	NE	E	NNW	NNW	N	SW	18.8	56	71.1	39.7	185.6	6	Ci. NE	Cu.-N.	7	Ci. E	Cu.-N.
27	SW	SW	S	N	N	W	20.9	33.1	56.2	41.7	151.9	10	A.-Cu. E	S.-Cu.	7	Ci. SE	Cu.-N.
28	W	S	S	NW	NW	SE	62.1	73.5	63.6	56.9	256.1	10	Ci. E	S.-Cu.	10	Ci.-S.	S.-Cu.
29	SE	SE	S	S	W	SW	61.2	111.9	81	14.8	268.9	10	------	S.-Cu. S	10	------	S.-Cu. S
30	S	S	SE	S	NW	W	49.1	91.7	119.1	58.6	318.5	10	A.-Cu. S	S.-Cu.	10	------	Cu.-N. S
Mean	------	------	------	------	------	------	50.5	69.9	78.6	57.8	256.8	6.6	------	------	7	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,703.6	------	------	------		------	------

APARRI.

[ϕ=18° 22′ N ; λ=121° 38′ E ; barometer above sea, 5 meters ; gravity correction not applied, —1.57 mm.]

OCTOBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.58	56.71	57.75	56.53	57.39	59.29	24.7	24.5	29	30.4	28	24.2	31.9	22.8	92	95	76	72	79	91	8.9
2	57.53	58.24	58.57	56.79	57.56	58.36	24.8	24	28	29.4	26.5	26.1	30	23.3	87	93	79	78	88	86	38.1
3	57.36	57.04	58.70	56.60	56.58	57.57	25.3	24.2	23.2	25.5	24.5	24.2	27.1	22.1	89	95	96	88	94	97	99.6
4	57.08	57.28	58.79	57.52	57.41	59.22	24	23.6	24.1	25.8	25.5	25.1	27	22.6	96	94	95	90	94	94	14
5	58.28	58.43	59.49	57.85	58.91	60.29	24.2	24.3	28.9	30	27.5	27	30.5	23.1	95	94	78	67	84	87	1
6	59.12	59.26	59.53	57.88	58.19	59.79	25.2	24.6	29.5	30	27.6	26.3	31.7	24.1	94	95	76	71	83	93	------
7	58.84	58.53	59.16	57.36	57.60	58.68	25	24.4	28.7	29.9	28.2	26.1	30.7	23.6	92	95	78	77	83	89	7.9
8	57.45	57.02	57.74	56.36	57.39	58.42	26.8	24.4	28	27	23.8	24.1	28.9	23.2	78	94	77	84	93	91	22.6
9	57.70	57.85	58.96	57.81	58.07	59.64	23.5	23.5	27.8	28.7	26.5	25.6	29.6	22.4	94	94	76	69	75	75	1.3
10	59.22	59.65	60.89	59.33	60.10	61.55	25	24	27.5	29	25.9	25.9	29.7	23.5	83	90	65	63	67	69	------
11	60.63	60.93	62.04	60.50	60.96	62.14	25.1	23.3	26.4	28.5	25.5	25.4	29.5	22.2	77	90	66	61	68	68	.5
12	61.10	61.28	62.42	60.81	60.95	62.09	25.1	22.5	25	24	25.7	25.7	27.4	22	70	91	85	92	72	74	6.6
13	60.80	60.78	62.34	60.94	60.87	62.10	25.3	25.2	26.8	26.9	25.3	25.4	29.5	24.1	74	70	61	62	66	68	------
14	61.48	61.39	62.35	60.75	60.96	62.12	22.7	22.1	24.1	26.9	25	23	28	21.6	87	90	86	65	77	90	1.8
15	61.02	61.08	62.53	60.69	60.55	61.72	23.2	22.6	25.3	26.7	26	25.9	29	22.1	90	95	80	71	67	68	------
16	60.97	61.10	62.14	60.09	60.61	61.81	24.9	25	28	28	26	25.6	29.5	22.8	72	71	64	62	72	73	------
17	61.44	61.81	62.81	60.88	60.86	62.34	25.1	24	28.5	28.2	25.6	25.6	29.7	23.6	78	86	58	60	67	67	------
18	62.12	62.26	63.16	61.31	61.12	62.56	24.7	24.1	28	29	26.1	26.1	29.7	23	78	82	65	61	73	73	------
19	61.69	61.77	62.76	60.78	60.35	61.57	25.3	23.5	29	29.5	26.5	26.1	30.5	23.1	77	90	66	65	71	74	------
20	61.01	61.31	62.01	60.41	60.30	61.59	24.2	23	28.8	29.8	26.6	26.2	31	22.6	86	94	61	63	75	79	------
21	60.74	61.13	62.04	60.07	60.44	61.85	24.1	22.9	28.2	30	27.1	26.3	31	22.3	89	94	71	65	78	85	.3
22	60.51	61.21	62.50	60.36	60.34	61.61	25.8	24	26.4	27	24.5	24.5	27.5	23.6	85	95	87	83	94	94	------
23	60.76	60.75	61.94	59.94	59.99	61.09	23.6	22.8	26.9	29.7	27	26.4	32	22.1	90	96	80	70	81	87	------
24	60.29	60.52	61.19	59.53	59.85	61.34	24.9	23.7	29.5	29.5	27	26.4	30.5	23.1	92	96	70	70	78	83	17.5
25	61.14	61.31	62.19	60.55	60.56	62.41	24.8	24	29	28.9	26.6	24.6	30.7	23.5	89	90	68	69	82	90	7.1
26	61.81	62.26	63.14	61.08	61.35	62.31	23.3	23.6	26.2	28.5	26.2	25.7	29	22.9	95	93	75	66	73	74	------
27	61.39	61.66	62.54	60.47	60.67	61.81	25.2	23	25.3	27.1	26	26	28.5	22.6	77	95	76	75	76	76	------
28	60.74	60.86	62.14	60.16	60.31	61.81	25.2	25.3	28.9	29	26.5	25.9	30	24.6	74	74	66	63	76	77	25.6
29	60.80	60.91	62.04	60.59	61.16	62.45	24.2	23.7	26.1	27.7	26.4	25.6	28.9	22.6	90	94	89	76	79	85	10.4
30	61.27	61.21	61.85	59.29	59.56	60.44	24.8	23.7	29.1	29.7	27	26.9	30.4	23.1	89	97	76	72	83	85	22.6
31	58.91	58.96	59.91	58.06	58.83	59.69	25.2	25.2	27.7	26.1	25.8	25	29.3	23.6	97	93	85	89	88	92	
Mean	59.99	60.15	61.15	59.40	59.67	60.96	24.7	23.8	27.4	28.3	26.2	25.6	29.6	23	85.7	90.8	75.2	71.6	78.6	81.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	285.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	SE	S	NNW	N	SE	28.4	36.7	79.7	53.9	198.7	10	Ci.-S. E	S.-Cu.	7	Ci.-S. E	Cu.-N.
2	S	S	SW	N	N	NW	73.2	55.6	123.2	90.1	342.1	10	------	S.-Cu. S	10	Ci.-S.	Cu.-N.
8	W	SW	W	NW	SW	SW	86.9	105.5	50.5	45.1	288	10	------	N. N	10	------	S.-Cu.
4	SW	SE	NW	SW	SW	SE	35.9	15.5	9.8	11	72.2	10	------	N.	10	------	Cu.-N.
5	SW	SE	S	N	NE	NE	17.2	65.7	55	36.5	174.4	8	Ci. SE	S.-Cu.	10	Ci.-S.	Cu.-N.
6	W	W	N	NE	N	W	27.9	34.4	65.4	27.4	155.1	10	Ci.	Cu.-N. E	10	Ci.	Cu.-N.
7	SW	S	SW	NW	NW	NW	53.8	53.1	116.8	106.5	330.2	6	Ci. E	S.-Cu.	9	A.-Cu. N	Cu.-N.
8	NW	SW	NW	NW	W	W	67.1	101.5	147.5	84.7	400.8	10	A.-Cu. NW	Cu.-N.	10	------	S.-Cu. N
9	SW	SW	N	N	N	NE	59.8	60.4	68.7	39.2	228.1	10	------	S.-Cu. N	10	------	S.-Cu.
10	N	NE	NE	NE	NE	NE	21.6	102.2	120.8	98.2	342.8	10	------	Cu.-N. NE	3	Ci. E	Cu.-N.
11	NE	SW	NE	NE	NE	NE	59.8	52.8	109.9	79.4	301.9	10	------	Cu.-N. NE	1	------	Cu.-N.
12	NE	W	NE	N	NE	NE	58.2	57.8	98.5	146.6	361.1	1	------	Cu. NE	10	------	N. NE
13	NE	NE	NE	NE	NE	NE	140.8	124.7	113.2	96.1	474.8	10	------	S.-Cu. NE	10	------	S.-Cu. NE
14	SW	W	SW	NE	E	W	50.2	59.8	41.8	28.5	180.3	10	------	S.-Cu. NE	10	------	S.-Cu. NE
15	W	W	E	NE	NE	NE	39.7	55	81.2	74.9	250.8	10	------	S.-Cu. NE	10	------	S.-Cu. NE
16	NE	NE	NE	NE	NE	NE	52	38.5	97.1	95.3	282.9	7	A.-Cu. SW	S.-Cu.	1	------	Cu.-N.
17	NE	E	NE	N	NE	E	73.2	97.5	111.8	88.8	371.3	8	------	Cu.-N. E	0	------	------
18	NE	E	E	NE	NE	NE	80.6	51.6	102.7	99.5	334.4	10	------	S.-Cu. NE	0	------	------
19	E	E	NE	NE	NE	E	32.9	58.4	115.6	94.7	301.6	0	------	------	1	------	Cu.-N.
20	E	E	E	NE	ENE	NE	21.4	40.7	89.6	79.8	231.5	0	------	------	0	------	------
21	E	E	SE	NE	ENE	E	38.5	24.2	96.1	95	253.8	9	------	S.-Cu. SE	0	------	------
22	E	E	E	E	E	E	35.5	24.9	37.5	24	121.9	1	------	S.-Cu.	10	------	S.-Cu. SE
23	S	SE	S	NE	NE	NE	42.3	70.1	75.6	79.4	267.4	7	------	S.-Cu. SE	1	------	Cu.-N.
24	NE	E	NE	NE	NE	NE	------	------	95.5	81.6	------	1	------	Cu.-N.	1	------	Cu.-N.
25	NE	NE	NE	NE	NE	NE	64.4	48.3	74	92.5	279.2	6	A.-Cu. E	S.-Cu.	1	------	Cu.-N.
26	NE	SE	NE	NE	NE	NE	33.8	113.5	131	104.9	383.2	10	------	Cu.-N. NE	1	------	Cu.-N.
27	NE	NE	E	NE	NE	NE	56.8	34.6	96	85.6	273	10	------	N.	10	------	Cu.-N. NE
28	NE	NE	NE	NE	NE	NE	66	80.2	91.7	87.9	325.8	8	------	S.-Cu. NE	1	------	Cu.-N.
29	S	S	NE	NE	NE	NE	27.7	59.2	121.2	88.6	296.7	7	A.-Cu. SE	Cu.-N.	7	A.-Cu. SE	Cu.-N.
30	NE	W	ENE	NE	NE	NE	41.7	50.9	115.7	120.2	328.5	4	------	Cu.-N. NE	0	------	------
31	NE	NE	NE	NE	NE	NE	139.1	142.4	141.3	135.5	558.3	10	------	Cu.-N. E	10	------	Cu.-N. NE
Mean	------	------	------	------	------	------	54.2	63.9	92.7	79.7	290.4	7.5	------	------	5.6	------	------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, −1.57 mm.]

NOVEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.41	58.26	59.49	57.39	58.01	59.31	25	25.9	27.9	29	26.7	26.5	29.4	24	92	88	84	81	88	88	7.6
2	58.54	59.13	60.39	58.49	59.29	61	24.9	25.8	28.5	28.5	26.6	25.4	29.9	24	94	92	80	76	86	93	3.8
3	60.61	61.82	61.91	59.96	60.36	61.47	24.8	24	26.5	25	23.8	25	27.2	23.2	93	96	85	94	95	94	8.4
4	60.80	60.91	62.06	59.91	59.87	61.29	23.5	23.4	26.8	25.5	25	25.2	28.3	22.6	94	95	77	90	92	88	2.8
5	60.83	60.93	62.04	59.71	60.14	61.47	23.4	22.5	27.5	28.5	26.2	25.1	29.5	21.9	95	96	79	74	81	89	2.3
6	60.59	60.75	61.07	59.11	59.66	61.44	24.5	23.7	24.8	27	25.4	24.2	29.5	23.2	92	94	95	83	87	93	2.6
7	60.90	61.02	61.72	59.71	60.06	60.86	23.6	23.5	27.7	29	25.6	24.5	30	23	97	97	78	73	87	94	-----
8	60.08	60.16	60.50	58.03	58.46	59.52	23.4	23.2	29	29.6	27.4	25.4	31	22.4	95	97	67	70	83	92	-----
9	58.61	58.65	59.59	57.18	57.57	58.82	25	24.1	29.5	30.8	27	26	31.5	23.6	96	93	73	71	80	90	6.8
10	57.98	58.10	59.04	56.93	57.09	58.57	24.9	23.6	25.7	27.8	26	23.7	28.5	23.2	92	95	93	77	80	94	88.6
11	58.03	58.35	60.12	58.76	59.51	60.96	23.8	23.8	25.7	23.7	23.8	23.5	27	22.5	85	84	93	82	77	77	12.7
12	60.06	60.46	61.56	59.68	60.34	61.71	23	23	23.4	23	23.3	24.5	24.9	21.2	81	81	86	90	84	75	33.1
13	61.09	61.54	62.57	60.01	60.02	60.60	24.2	23	25.5	25.6	23.5	23	26.5	21.6	78	86	73	73	87	91	5.7
14	58.68	57.48	58.22	56.51	56.84	57.98	24	24.8	26	24.8	24.4	23.5	26.4	23	94	93	92	95	97	96	21.1
15	57.34	57.14	58.78	56.59	56.65	58.77	23.1	23	25.8	28.1	26.3	24.5	28.5	22.4	96	97	92	79	93	94	.8
16	58.63	58.85	60.99	59.58	59.94	61.46	23.9	23.5	28.5	28.5	25.7	24.3	29.2	22	97	96	78	78	88	89	50.6
17	60.46	60.61	61.86	60.06	62.31	63.58	23.5	24.6	23.2	23.1	22.3	22.2	24.8	21.8	94	87	96	95	96	96	287.7
18	62.39	62.51	63.83	61.66	62.17	63.02	22.5	22.9	23.5	23.5	22.5	22.2	24	21.6	96	96	85	89	96	96	13.4
19	62.12	62.47	63.71	61.61	61.61	62.28	22.3	23	23.7	23	23	23.2	24.2	21.6	96	95	69	92	93	93	12.7
20	61.01	61.44	62.31	60.40	60.71	61.88	23.5	24	24.5	26	24.1	24.1	26.6	22.1	94	95	91	81	89	87	5.1
21	61.10	61.62	62.94	61.01	61.20	62.06	24.2	24.4	27.2	27.3	25	24.9	28.7	23	82	78	72	72	79	79	-----
22	60.26	59.68	59.78	57.85	57.83	58.32	24.6	25.2	25	25	25	25	26.4	23.6	82	77	91	76	95	93	34
23	57.75	58.43	60.18	57.68	58.46	59.60	24.9	24	24.7	26	24.7	24.4	26.5	23.6	92	95	96	89	90	94	3.8
24	58.88	59.40	60.59	58.21	59.03	60.71	23.3	23.2	26.5	27.3	25.9	24.8	28.1	22.6	96	97	73	85	88	92	1.8
25	59.78	59.77	60.89	58.81	59.11	60.97	23.3	23.5	26.9	28.4	25.7	25.4	28.8	22.5	96	96	83	78	86	87	-----
26	60.66	60.83	61.64	59.59	60.01	60.89	23	22.6	27.5	27.8	25.8	25	29.4	21.8	96	95	76	77	84	98	-----
27	60.93	61.13	61.99	59.44	59.71	60.94	23.2	23	27.9	28.8	25.8	23.5	29.4	22	94	95	77	72	81	90	-----
28	60.37	60.49	61.34	59.38	59.22	60.29	22.4	22	27.7	29	25.9	24.5	29.5	21.2	95	96	72	64	83	90	-----
29	59.78	59.83	60.90	59.05	59.48	60.61	22.7	22.3	27	29	26	24.6	30	21.6	94	93	74	68	78	91	-----
30	59.92	60.16	60.62	59.51	59.50	60.87	23.6	22.4	26.5	28	26.1	25.4	29.1	22	93	95	76	74	86	88	2
Mean	59.89	60.06	61.09	59.06	59.47	60.71	23.7	23.6	26.4	26.9	25.2	24.4	28.1	22.5	92.4	92.3	81.9	79.9	87	90.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	607.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	NE	E	105.3	118.4	120.5	71.9	416.1	10	-----	Cu.-N. NE	10	-----	Cu.-N. NE
2	E	NE	NE	NE	NE	NE	44.1	147.3	150.8	59	401.2	8	Ci. S	S.-Cu. E	8	A.-Cu. E	S.-Cu.
3	E	S	NE	NE	NE	NE	54.8	66.8	106.9	59.7	288.2	10	-----	N.	10	-----	N. E
4	SE	SE	SE	SE	E	E	40.4	44.8	31.5	19.2	135.9	10	-----	S.-Cu. SE	10	-----	Cu.-N. SE
5	E	S	S	N	NE	NE	16.2	26.5	61.4	64.3	168.4	0	-----	-----	1	-----	Cu.
6	S	S	NW	NE	E	E	21.1	23.6	98.5	78.9	222.1	10	-----	N.	10	-----	S.-Cu.
7	S	SW	SW	E	E	E	20.3	19.1	46.1	64.4	149.9	2	-----	S.-Cu.	3	A.-Cu. E	Cu.-N.
8	S	S	SE	NE	NE	S	26	38.3	72.4	42.1	178.8	0	-----	-----	0	-----	-----
9	SW	SW	S	N	NE	NW	28.2	31.9	59.4	53.1	172.6	3	A.-Cu.	S.-Cu.	0	-----	-----
10	NW	S	N	N	NE	NE	40.2	47	102.7	134.4	324.3	10	-----	N. E	10	-----	Cu.-N. NE
11	NE	NE	NE	NE	NE	NE	146.6	156.7	141.5	142.5	587.3	10	-----	N. NE	10	-----	N. NE
12	NE	NE	NE	NE	NE	NE	98.9	120.2	150	150.4	519.5	10	-----	N. NE	10	-----	N. NE
13	NE	E	NE	NE	NE	NE	110.2	137.3	149.7	157.9	555.1	10	-----	S.-Cu. NE	10	-----	S.-Cu. NE
14	NE	NNE	NE	E	E	E	-----	-----	-----	-----	-----	10	-----	N. NE	10	-----	N. E
15	E	E	E	E	E	NE	4.3	6.4	47.5	2.1	60.3	10	-----	S.-Cu. SW	10	Ci.-S.	S.-Cu.
16	N	E	E	NE	NE	NE	5.1	73.1	154.8	189.6	422.6	10	-----	S.-Cu. E	7	-----	Cu.-N. NE
17	NE	NE	NE	NE	NE	NE	225.9	219.8	235.2	191.2	872.1	10	-----	N. NE	10	-----	N.
18	NE	NE	NE	NE	NE	NE	223.7	151.3	-----	-----	-----	10	-----	N. NE	10	-----	Cu.-N. NE
19	NE	NE	NE	NE	NE	NE	-----	-----	197.3	192.8	-----	10	-----	N. NE	10	-----	N. NE
20	NE	NE	E	NE	E	NE	162.5	142.5	130.9	130.3	566.2	10	-----	S.-Cu. NE	10	-----	S.-Cu. NE
21	NE	ENE	NE	NE	NE	NE	122.5	105.1	100.8	109.4	437.8	8	-----	S.-Cu. E	10	Ci.-S.	Cu.-N.
22	NE	NE	NE	NE	NE	NE	127.4	207.3	204.6	161.9	701.2	10	Ci.-S.	S.-Cu. NE	10	-----	N. NE
23	NE	E	SE	SE	NE	SE	129.3	41.7	26.6	24	221.6	10	-----	N.	10	Ci.-S.	S.-Cu. SE
24	SE	SE	SE	NE	E	SE	7.5	16.8	65.5	51.5	141.3	10	-----	S.-Cu. SE	10	-----	S.-Cu. SE
25	SW	SW	N	ENE	E	E	22.8	40.2	115.1	96.9	275	10	-----	S.-Cu. S	2	A.-Cu.	Cu.-N.
26	S	S	E	NE	E	E	-----	41.6	99.3	72.7	-----	0	-----	-----	7	A.-Cu. SE	Cu.-N.
27	SW	S	SE	NE	E	E	18.6	41.6	97.2	64.4	221.8	1	Ci.	-----	0	-----	-----
28	SW	S	S	NE	E	E	12.2	25	91.9	42.1	171.2	1	Ci.	-----	0	-----	-----
29	S	S	S	ENE	E	SE	30.9	63.8	60.1	44	198.8	0	-----	-----	0	-----	-----
30	SE	SE	SE	E	E	E	24.3	46.2	62.8	60.7	194	1	-----	S.-Cu.	4	-----	Cu.-N. SE
Mean	-----	-----	-----	-----	-----	-----	69.2	78.6	106.5	90.4	330.9	7.1	-----	-----	7.1	-----	-----

APARRI.

[ϕ=18° 22′ N ; λ=121° 38′ E ; barometer above sea, 5 meters ; gravity correction not applied, —1.57 mm.]

DECEMBER, 1910.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.21	60.87	62.11	60.29	60.45	61.62	23.1	23	27.5	28	25.9	25.8	29.2	22.6	95	96	78	76	79	84	------
2	61.24	61.98	62.99	60.99	61.81	62.92	25	24	28.5	28	25.7	25	29.5	23.6	83	90	68	71	77	80	7.6
3	61.65	61.66	63.14	60.80	61.59	62.21	25.1	25.4	26	26	23.5	23.6	28.1	22.1	83	84	81	80	85	93	5.1
4	61.53	61.63	63.48	61.47	62.30	62.98	22.4	22.3	23.6	25.1	24.2	23.5	26.4	21.7	95	96	86	89	93	94	12.9
5	62.51	62.86	63.67	61.61	62.07	62.92	22.2	22	24.5	25	24.6	23	27.9	21.6	96	96	92	91	93	97	4.3
6	62.48	62.62	63.46	61.26	61.41	62.16	22.9	22.5	26	29.5	26	24.9	30.4	22	96	96	85	64	86	86	------
7	61.08	61.22	61.94	59.52	59.79	60.76	23.2	23	26.5	27	25.4	23.6	28.5	22.4	94	95	83	73	76	89	------
8	59.88	60.03	61.08	59.18	59.69	61.76	22	21.6	25	28	24.9	24	29.2	21.1	96	96	80	69	76	78	------
9	60.39	60.58	61.78	59.59	59.92	60.98	21.4	21	24.8	27.5	25	24.5	28.1	20.4	92	93	81	70	90	91	2.8
10	60.27	60.70	62.12	60.41	60.88	61.18	22.5	22	25	26.4	23.6	23	27.1	21.6	96	96	83	82	93	95	5.6
11	60.93	61.28	62.98	61.10	61.33	62.53	22.8	22.6	24.9	24.3	23.3	24	27	22.1	93	95	88	91	92	91	13.7
12	60.68	61	62.88	60.91	61.71	62.77	24.8	24.1	24	26.5	23.6	23	26.7	22.2	88	91	75	83	95	96	75.6
13	61.48	61.33	62.86	60.38	60.53	61.48	23.2	23.7	24.8	25.5	25.3	25.4	25.9	22.5	97	96	86	80	84	84	54.6
14	60.62	60.77	62.26	60.20	60.48	62.02	23.9	22.8	24.4	23.6	23.7	22.5	25.5	22	86	93	93	86	91	96	38.8
15	61.16	61.29	62.81	60.64	61.46	63.76	23	23	23	23.5	22.4	21.6	24.5	21	88	87	91	88	92	95	31.4
16	63.44	63.63	64.88	62.62	63.11	64.03	21	20.6	22.5	24	24	23.6	24.4	20.1	95	92	82	77	70	76	2.3
17	63.17	63.39	64.28	61.67	61.89	63.06	21.4	23	24	24.5	22.5	22.5	25.5	20.8	74	62	64	64	77	75	------
18	62.48	62.71	63.86	61.91	61.86	62.94	20.2	20.1	23.5	24.3	22.6	21.6	26	19.6	92	93	74	74	78	86	------
19	62.06	62.28	63.51	61.05	61.18	62.11	20.3	20.1	24.2	25	23.4	21.5	27.9	19.6	92	93	75	72	86	91	------
20	61.39	61.30	62.39	59.91	60.20	61.31	19.5	19	24	27.9	24	21.8	28.1	18.5	90	94	76	67	81	91	------
21	60.92	61.84	62.39	60.46	61.26	62.08	20	19.8	24.1	24.9	22.7	24	26.4	19.3	91	90	81	78	89	74	.6
22	61.53	61.63	62.43	60.40	60.93	61.91	22.3	19.9	23.4	24	23.4	23.2	25.3	19.4	84	93	85	83	86	78	7.3
23	60.91	61.03	62.53	61.03	61.69	62.94	23	22.4	23	23.5	23	23.4	24.2	21.1	79	82	80	80	79	73	1.6
24	62.01	62.12	63.78	61.65	62.23	63.40	22.5	22	24.5	24.6	23	22.7	26	21.5	78	82	68	68	77	80	------
25	63.01	63.11	64.46	62.03	62.48	63.05	21.4	20.8	23.4	24.6	23.5	23	26	20.4	89	93	84	75	82	85	------
26	62.41	62.62	63.73	61.74	62.73	63.71	21.9	20.9	25.4	24	22.5	23	26.8	20.5	90	94	66	85	90	86	.3
27	63.12	63.26	64.62	62.79	63.48	64.98	22	21.5	24.5	25.5	24.1	23.6	27.1	21.1	91	94	79	77	85	85	2.5
28	64.33	64.74	66.25	64.17	64.95	65.76	22.1	22.7	24	24.5	23.6	23.7	26	21.5	95	87	75	75	75	73	------
29	64.43	64.11	65.04	62.66	62.77	63.36	22.3	22	24	23	22	21.5	25.8	21	81	81	75	79	87	89	2
30	62.76	62.29	63.18	60.75	61.26	62.16	21.1	20.5	25.4	26	23.7	23	26.9	20.1	90	90	70	69	81	85	------
31	61.38	61.79	63.25	61.37	62.46	63.33	22.2	22.1	24.8	25.4	22.6	21.5	27.6	21.1	81	81	71	66	79	85	------
Mean	61.79	61.99	63.23	61.11	61.61	62.65	22.3	21.9	24.6	25.5	23.8	23.3	26.9	21.1	89.4	90.4	79.2	76.8	84	85.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	269

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	S	NE	NE	E	E	11.2	43.5	133.6	116.6	304.9	1	------	S.-Cu.	0	------	------
2	E	E	ENE	ENE	ENE	E	92.5	98.7	140.7	90	421.9	8	------	S.-Cu. E	1	------	Cu.-N.
3	ENE	ENE	ENE	E	E	E	73.3	131.9	113	34.5	352.7	10	------	S.-Cu. E	10	------	Cu.-N. E
4	S	SW	E	E	S	SW	50.6	32.1	38.4	35.6	156.7	10	------	S.-Cu. ESE	10	------	N. ESE
5	S	SW	S	SE	SE	SW	30.7	34.1	27.5	27.1	119.4	8	------	S.-Cu. SE	10	------	Cu.-N. SE
6	SW	SE	S	SE	E	E	24.9	66.3	77.9	96.1	265.2	1	Ci.	S.-Cu.	5	------	Cu.-N. SE
7	E	SE	SE	ENE	E	ESE	32.1	27.4	81.6	55.8	196.9	10	------	S.-Cu. SE	5	------	Cu.-N. E
8	S	S	S	NE	NE	NE	20.6	28.3	71.9	50.1	170.9	0	------	------	0	------	------
9	NW	W	NW	N	N	NE	41.8	31.5	68.2	48.6	190.1	0	------	------	0	------	------
10	SW	SW	SW	S	NE	W	47	38.6	31.7	49.8	167.1	10	------	S.-Cu.	7	Ci. E	Cu.-N.
11	SW	SW	SE	NE	NE	NE	32.5	48.9	97.2	93.3	271.9	2	------	S.-Cu.	10	------	N. NE
12	NE	ENE	ENE	ENE	E	E	131.4	196.3	177	133.9	638.6	10	------	N. ENE	10	------	Cu.-N.ENE
13	ENE	ENE	E	ENE	E	ENE	168.7	162.5	123.2	112.3	566.7	10	------	N. ENE	10	------	S.-Cu. E
14	ENE	ENE	ENE	ENE	ENE	ENE	93	118.8	174.4	196.1	582.3	10	------	N. ENE	10	------	N. ENE
15	ENE	ENE	E	ENE	NE	ENE	191.3	155.6	169.1	210.2	726.2	10	------	N. ENE	10	------	S.-Cu. E
16	NE	NE	ENE	NE	ENE	ENE	201.1	192	181.5	164.4	739	10	------	N. NE	10	------	S.-Cu. NE
17	E	E	E	ENE	E	SE	167.8	149.5	148.4	84.5	550.2	10	------	S.-Cu. E	10	------	S.-Cu. E
18	SW	SW	SW	SE	SE	SE	46	31.4	46	28.5	151.9	10	------	S.-Cu. S	10	------	S.-Cu. E
19	SE	S	S	NE	E	S	19.2	45.1	37	13.8	115.1	6	A.-Cu. SE	S.-Cu.	5	------	Cu.-N.
20	S	S	S	E	S	E	26.9	51.8	41.8	19.8	140.3	0	------	------	0	------	------
21	SW	SW	SW	E	NE	NE	23.6	17.7	76.7	90.6	208.6	10	------	S.-Cu.	10	------	S.-Cu. E
22	E	W	N	NE	NE	NE	51.3	34.5	137.9	175.6	399.3	1	------	S.-Cu.	10	------	S.-Cu. NE
23	NE	ENE	NE	NE	NE	NE	192.3	189.3	170	148.6	700.2	10	------	Cu.-N. NE	10	------	S.-Cu. NE
24	NE	E	E	E	E	E	125.7	127.1	102.3	41.8	396.9	10	------	S.-Cu. E	10	------	S.-Cu. E
25	SE	S	SW	E	NE	NE	22.6	11.1	36.4	35.4	105.5	10	------	S.-Cu. SE	10	------	S.-Cu. E
26	NE	NE	NE	ENE	NE	ENE	14.6	57.2	110.2	114.6	296.6	4	------	Cu.-N.	10	------	Cu.-N. NE
27	E	SE	SE	E	E	E	17.5	8.6	74.8	113.4	214.3	10	------	S.-Cu. E	10	------	S.-Cu. E
28	E	E	E	E	E	E	61.5	104.9	108.5	83.4	358.3	10	------	S.-Cu. E	10	------	S.-Cu. E
29	E	E	SE	E	E	E	84.5	61.7	41.1	29	216.3	10	------	S.-Cu. E	10	------	S.-Cu. E
30	SE	SE	SE	E	E	E	21.5	43.4	69.2	27.9	162	10	------	S.-Cu. W	1	------	S.-Cu.
31	E	E	E	E	SE	SE	5	5.9	38.1	21.9	70.9	10	------	S.-Cu. E	7	------	S.-Cu. S
Mean	------	------	------	------	------	------	68.5	75.7	95	82	321.2	7.5	------	------	7.5	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,956.9	------	------	------	------	------	------

METEOROLOGICAL OBSERVATIONS MADE AT THIRD CLASS AND RAIN STATIONS DURING THE CALENDAR YEAR 1910.

ZAMBOANGA.

[ϕ=6° 54′ N ; λ=122° 05′ E ; barometer above sea, 7.1 meters ; gravity correction not applied, —1.91 mm.]

Day.	JANUARY.									FEBRUARY.								
	Pressure, 700 mm +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.	mm.	mm.	°C.	°C.					mm.
1	57.43	56.80	23.4	29.4	Calm	S 1				58.22	57.48	23.1	28	Calm	W 2			
2	57.62	56.53	24.4	28.9	E 1	SE 2	N			58.61	57.74	24.6	27.6	Calm	WSW 2	NE	N	3.8
3	58.67	57.53	23.3	29	Calm	W 1	NE	NE		59.07	57.85	23.8	29.1	NE 1	NE 3	NE	NE	
4	59.50	57.60	21.9	29.4	Calm	SE 2				58.76	57.17	24.2	28.4	Calm	W 1			
5	58.83	57.10	22.7	29.8	Calm	WNW 1				58.07	56.52	23.4	28.8	Calm	W 2			
6	57.42	56.83	23.6	31	Calm	ESE 3				57.62	56.08	23	29.6	Calm	SE 1		N	
7	56.93	55.62	22.5	29.1	Calm	W 1		NE		57.66	56.40	25	29	Calm	SE 3	E		
8	56.81	55.33	24.5	29.1	Calm	W 2	NE		2.5	56.92	56.39	23.1	28.1	Calm	W 2	NE		
9	55.90	55.10	23.4	30.6	Calm	E 3			12.4	56.93	55.92	23.6	29.4	Calm	W 1	N		
10	56.61	55.18	22.5	28.5	Calm	W 1				56.92	56.30	24	28.1	Calm	W 1			26.7
11	55.74	54.55	22.5	28.1	Calm	W 3		NE		57.54	56.57	23	26.4	Calm	W 2	E	NE	11.2
12	55.82	55.02	23.9	28.7	Calm	W 2			.8	57.51	56.39	23.5	27.5	Calm	W 3			
13	55.82	55	23.6	30.4	Calm	ESE 2			.5	57.89	57.16	22.4	26.8	Calm	Calm			1
14	56.02	55.64	23.4	28.4	Calm	SSW 1				58.52	57.38	23.5	29.4	Calm	ESE 2	NE	NE	
15	56.72	55.85	23.4	28.6	Calm	W 2		NE	1	58.76	57.43	23	27.6	Calm	W 1		N	4.8
16	57.40	56.40	25	29.8	Calm	SE 3	NE	NE		58.28	56.98	23.8	27	Calm	W 2			
17	57.68	56.19	23.2	28.6	Calm	W 2		NE		57.53	55.70	23.5	27.4	Calm	W 4		NE	2.8
18	57.21	56.16	24.8	28.7	Calm	W 1		W	3.8	57.42	56.04	23.3	29.4	Calm	E 1			33.8
19	58	57.26	23.8	27.8	E 1	W 2				58.19	57.69	22.6	29.3	Calm	E 1	NE		7.6
20	59.10	57.87	25.4	28.9	WNW 1	SE 1				59.29	58.22	22.3	29	Calm	SE 2			
21	58.62	57.78	24	29	Calm	W 1				59.05	58.04	24.2	28.4	Calm	W 2	NE		15.2
22	58.91	58.08	23.9	29.4	Calm	W 1				58.73	57.83	24.6	28.1	Calm	SW 1		NE	
23	59.21	57.79	23	28.2	Calm	WSW 1			15.2	58.37	57.23	24.4	28	Calm	W 2			
24	59.29	58.07	23	26.4	Calm	WSW 1			10.2	57.99	57.55	22	27.9	Calm	S 1			
25	58.76	58.04	22.6	28.5	Calm	W 1				57.74	57.20	23.2	29	Calm	SE 3			
26	58.43	58	22.4	29	Calm	E 1			8.4	57.88	57.29	24.5	28.9	Calm	W 2	N	N	
27	59.40	58.82	24	30.4	Calm	E 1	NE			57.89	56.98	23.5	27.8	Calm	W 2		N	
28	59.29	57.93	24	28.6	Calm	WSW 1		NE		56.96	56.58	24.4	30.7	Calm	E 2		NE	
29	58.62	57.03	24.4	28.4	Calm	WSW 1	NE	N										
30	58.70	57.27	24.6	28.4	Calm	WSW 1	N											
31	58.89	56.90	22.6	27.4	Calm	W 2		NE										
Mean	57.85	56.75	23.5	28.9	0.1	1.5				58.01	57	23.6	28.4	0	1.8			
Total									54.8									106.9

Day.	MARCH.									APRIL.								
	Pressure, 700 mm +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.	mm.	mm.	°C.	°C.					mm.
1	57.22	56.73	23.7	30.6	Calm	ESE 1		N		57.30	56.21	24.4	29.7	Calm	SE 2			1.5
2	56.52	55.58	22.9	30.3	Calm	SE 3				57.73	56.57	24	29.6	Calm	W 2			
3	56.81	56.43	23.4	28.5	Calm	WSW 3				57.57	56.67	24.3	30	Calm	W 1			
4	58.10	56.73	24	28.3	Calm	W 4				56.73	55.22	24.1	28.6	Calm	SSE 1			29.2
5	58.21	57.21	23.3	30.5	Calm	E 2				57.41	56.42	23.1	28.1	Calm	ESE 2			
6	59.30	58.24	23	28	Calm	W 2				57.63	56.82	23.8	28.9	Calm	W 1			
7	57.85	57.09	21.6	29.3	Calm	W 2				57.68	56.93	24	28.8	Calm	W 1			
8	58.24	57.09	21.8	30.4	Calm	ESE 2		NE		58.01	57.25	24.8	28.5	Calm	W 1			5.6
9	58.72	58.17	23.6	29.1	Calm	W 1	N	S		57.32	57.17	23	29	Calm	W 2			
10	59.61	58.98	24	30.3	Calm	ESE 3				58.07	57.20	23.8	28.8	Calm	W 1		W	
11	59.89	59.02	24.1	28.8	Calm	W 2				58.02	57.02	23.3	28.9	Calm	W 1			
12	60.34	58.62	23	28.5?	Calm	SSE 3		N		57.66	56.78	24.3	29.5	Calm	SE 2		NE	
13	59.19	58.49	24.3	29.8	Calm	E 1				57.89	57.30	23.6	28.5	Calm	W 2			
14	59.46	58.72	23.3	29	Calm	W 2		N		58.65	58.02	24.8	26.4	Calm	SSE 1	E		
15	58.93	57.88	21.4	29.4	Calm	W 2		NE		58.73	58.59	24.5	27.6	Calm	NNE 1			
16	57.79	56.27	22.1	28 ?	Calm	W 4		NW		58.60	57.80	24.9	28	Calm	W 1		E	2
17	57.76	56.75	22	28.4	N 1	W 3		W		58.28	56.63	23.6	29	Calm	W 3			
18	58.31	57	22.5	28.6	Calm	W 2		W		56.88	55.97	24.2	29.4	Calm	W 2			
19	58.02	57.10	23.1	29.4	Calm	S 2				56.16	55.42	23.2	31.3	Calm	SSE 1		N	
20	59.36	58.36	23.4	27.5	Calm	W 1			2.5	56.87	55.44	23.5	30.1	Calm	W 1		N	
21	59.45	57.64	23.4	28.7	Calm	W 2				57.06	55.23	23.1	30.6	Calm	Calm		N	
22	59.19	58.20	23.5	26.1	Calm	S 4			2	56.70	56.07	24.6	28	Calm	W 3	N	N	
23	59.50	58.07	23.1	28.5	Calm	W 1				57.41	55.99	24.5	28.9	Calm	W 3			
24	59.66	58.20	24.1	29.6	Calm	SE 2			2	58.02	57.64	23.4	29.7	Calm	S 1			
25	59.80	58.79	23.2	28.9	Calm	W 2			16.3	59.10	57.61	24.5	30.5	Calm	SE 2	NE		
26	60.17	58.28	22.6	28.1	Calm	W 2				58.80	57.72	24.4	29.4	Calm	SE 2		N	
27	58.12	56.52	24.5	28.8	Calm	W 3	E			58.60	57.69	24.5	29.9	Calm	W 1			
28	58	56.27	24.9	29.3	Calm	W 2				58.71	57.46	24.7	29.9	Calm	SE 2			
29	57.20	56.41	24.6	31.4	Calm	E 2				58.55	57.73	25.1	29.5	Calm	S 1	N		
30	56.90	55.89	24	28.5?	Calm	WSW 2				58.71	57.79	23.7	30.5	Calm	NNW 1		N	
31	56.80	55.65	24.6	28.5?	Calm	W 2		E	2.3?									
Mean	58.53	57.43	23.3	29	0	2.2				57.83	56.88	24.1	29.2	0	1.5			
Total									25.1									38.3

ZAMBOANGA.

[ϕ=6° 54′ N; λ=122° 05′ E; barometer above sea, 7.1 meters; gravity correction not applied, —1.91 mm.]

Day.	MAY.									JUNE.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	58.72	56.77	24.1	29.8	Calm	W 2				58.11	56.99	24	31	Calm	ESE 2			5.6
2	57.68	56.49	24.1	29.8	Calm	W 2				58.18	56.62	24	29.5	Calm	SE 2			
3	57.60	56.69	24.5	26.6	Calm	N 1		W	4.8	56.99	55.62	24.5	29.2	Calm	W 3	E		3.6
4	57.81	56.70	23.5	26	Calm	Calm		E	1.3	56.22	55.32	24.5	31	Calm	E 2		E	12.4
5	57.32	56.25	24.3	28.9	Calm	W 2			.5	57.13	56.62	24	29.3	Calm	SE 2		E	9.1
6	57.42	56.72	26	28.9	WNW 1	W 3				58.27	57.86	24.1	27.3	Calm	W 2			.5
7	57.62	56.78	24	28.8	Calm	W 3	W			58.7[illegible]	57.54	24.3	27.8	Calm	W 2			.5
8	57.41	56.59	23.6	29.9	Calm	W 2	W			58.81	57.98	23.8	29	Calm	W 2			
9	57.21	55.99	24	28.6	Calm	W 3				58.06	57.73	24.2	28	Calm	W 2			11.1
10	57.05	55.99	24.6	27.6	Calm	W 1		N	26.2	58.51	58.18	24.7	27.4	Calm	SSE 1		E	34.3
11	57.62	56.12	23.8	28.8	Calm	W 3		W	.5	59.16	58.79	24.1	25.5	Calm	Calm	SE	SE	20.3
12	57.60	55.80	24.5	29.2	Calm	W 3		W		59.30	57.85	24.4	29.4	Calm	SE 2			
13	57.50	56.12	23.9	29.2	Calm	W 2				58.46	56.99	24	30.7	Calm	ENE 1			
14	57.20	56.34	23.5	28.4	Calm	W 3		W		59.15	57.83	24.5	27.9	Calm	W 2			
15	57.76	56.37	23.2	29.5	Calm	W 3				58.40	57.32	24.3	28.6	Calm	W 1	E	W	.8
16	58.85	57.43	23.6	29.2	Calm	W 2				57.41	56.94	23.7	28.4	Calm	S 1	S		1.8
17	59.52	58.12	23.1	29	Calm	SbyE 2				58.68	56.67	24.2	28.1	Calm	W 3	E	S	9.1
18	59.10	58.42	24.2	28.5	Calm	SW 2				57.21	56.98	24	28	Calm	SE 1		S	9.4
19	59.28	58.43	24	26.6	Calm	SSE 3		W		58.46	57.38	23.4	27.1	Calm	Calm			
20	59.98	58.89	23.8	29.1	Calm	SE 2		E		58.01	57	23.6	28	Calm	SSE 1			
21	59.91	58.07	24.1	29.5	Calm	ESE 2				57.89	56.34	24	28	Calm	W 2			
22	59.46	57.82	24.1	29.5	NNE 1	W 2				57.68	56.95	23.3	28.3	Calm	W 1			2.5
23	59.02	58.35	26.4	25.2	W 2	EbyS 1			.8	57.17	56.09	23.5	27.1	Calm	S 2		E	
24	58.02	57.22	24.4	28.4	Calm	SSE 1				56.56	55.94	24.5	29.9	Calm	ESE 2	E		2.5
25	59.17	58.23	24.3	28.6	Calm	WSW 1				57.60	56.63	24.3	27.6	Calm	Calm	E	E	18.6
26	59.88	57.41	24.3	30.5	Calm	ESE 2				58.02	57.08	24.5	27.1	W 1	W 3	W	W	
27	58.58	56.33	24.4	29.6	Calm	WSW 2		S		57.78	57.48	23.5	27.4	Calm	Calm			6.6
28	58.22	56.73	23.3	30.9	Calm	ESE 2				59.12	57.31	23.4	27	Calm	W 4		W	
29	59.21	57.58	24.9	29.2	Calm	ESE 1				58.83	57.40	23.2	27.1	Calm	ESE 2	W	E	
30	58.93	57.79	24.8	30.4	Calm	ESE 2			3.3	58.69	57.33	23.4	28.4	Calm	W 2		W	
31	58.72	57.29	24	27.7	Calm	SSE 1												
Mean	58.37	57.09	24.2	28.8	0.1	2				58.09	57.09	24	28.3	0	1.7			
Total									37.4									148.7

Day.	JULY.									AUGUST.								
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	58.33	57.19	23	28.5	Calm	W 2				58.23	57.23	23	28.5	Calm	SSE 1			
2	58.51	58.08	23.4	29.1	Calm	W 2			1.8	57.72	56.77	23.7	27.9	Calm	Calm		W	1.8
3	58.49	58.24	23.4	28.8	Calm	SE 2				57.82	56.99	23.4	28.7	Calm	SSE 1		N	1.3
4	58.49	58.08	24	29.7	Calm	ESE 1			6.1	57.82	57.49	23.9	29	Calm	W 1			.5
5	59.24?	59.14	25	29	Calm	E 1	E		30.3	58.16	57.90	23.9	27.3	Calm	WSW 2			
6	60.16	58.96	22.9	29.7	Calm	ESE 2	N		2.3	58.71	57.83	23.5	27.6	Calm	W 4			3
7	60.54	59.60	23.6	28.6	Calm	W 2	E			58.51	57.91	24.4	27.2	Calm	W 3			1.3
8	60.60	60.25	24.3	26	NNW 1	WSW 3				58.62	58.33	23.4	28.7	Calm	WSW 1			
9	60.16	58.38	23.4	29.5?	Calm	SE 2		E		58.62	58.03	23.9	27.9	Calm	Calm			
10	59.79	58.91	23.8	28.5	Calm	S 1				58.82	58.09	23.4	26.6	Calm	Calm		S	2.3
11	59.38	58.24	24.5	28.8	Calm	S 1	E			58.48	57.68	24.5	29	Calm	W 2			
12	59.11	58.17	24.1	29	Calm	W 1				59.15	58.35	24.4	28.4	Calm	W 1	N	NW	1.8
13	58.22	56.79	23.7	29.5	Calm	W 1				58.83	56.89	23.1	28.4	Calm	W 3	N	N	2.3
14	57.22	56.14	22.8	29.7	Calm	W 1				57.70	57.06	25.6	27.9	WNW 1	SSE 2		SE	3.3
15	57.18	56.80	23.5	29.5	Calm	SSE 1				58.12	57.34	22.7	28.5	Calm	SSE 1			
16	57.92	57.06	23.7	30.9	Calm	ESE 2				58.41	55.95	23.5	27.8	Calm	Calm		W	3.3
17	58.09	57.39	25.2	30.9	Calm	ESE 2	E	E	1.8	57.37	56	23.4	28.4	Calm	WSW 1			5.3
18	58.25	57.13	24	29.3	Calm	W 2			7.1	57.68	56.63	23.5	29.6	Calm	SE 2			
19	56.58	55.84	24.5	30.7	Calm	E 2	E	E	25.4	57.12	56.60	23.9	30	Calm	S 1			
20	56.70	56.41	23.8	30.1	Calm	E 2				57.07	56.65	24.5	29	Calm	WSW 2			14.5
21	58.35	57.64	24.4	29	Calm	W 2			3.8	58.03	56.92	23.6	28.6	Calm	E 1		E	22.8
22	58.06	57.29	24.4	30.1	Calm	SE 2				58.66	56.56	23.8	27.8	Calm	SSE 1	S		
23	57.47	56.22	25.8	28.4	Calm	W 3				58.20	55.99	24.1	28.8	Calm	S 1			
24	56.73	56.18	25.6	28	W 3	W 2	W											
25	56.07	56.53	23.4	25.4	Calm	N 1		N	.5									
26	57.19	56.74	23	28.4	Calm	WSW 2		W										
27	58.37	57.28	23.1	28.9	Calm	W 2				57.06	55.88	24.8	28.8	Calm	W 1			
28	58.08	57.32	23.8	29.2	Calm	W 3				57.90	57.80	24.4	24	Calm	S 3		S	68.5
29	57.55	56.77	24.5	28.6	Calm	W 1				58.06	57.63	23.4	29	Calm	SE 2	S		
30	58.12	57.29	24.2	30.1	Calm	SE 2				58.62	57.60	24.5	30.2	Calm	E 2			
31	58.81	57.44	23.4	29.9	Calm	W 2			5.1	57.68	56.82	24.5	29.5	Calm	W 1			
Mean	58.31	57.53	23.9	29.1	0.1	1.8				58.11	57.18	23.9	28.3	0	1.4			
Total									84.2									[a]132

[a] 28 days of observation.

ZAMBOANGA.

[ϕ=6° 54′ N ; λ=122° 05′ E ; barometer above sea, 7.1 meters ; gravity correction not applied, —1.91 mm.]

Day.	SEPTEMBER.									OCTOBER.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 a. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	57.60	56.45	23.8	29.6	Calm	ESE 1		E		59.15	58.39	23.8	26	Calm	N 1	E	N	
2	58.06	56.97	24	28.8	Calm	SSW 1				58.95	58.05	23.8	28.6	Calm	N 2		N	37.3
3	57.71	57.03	23.8	28.6	Calm	S 1				58.82	57.40	23.5	27.1	Calm	SW 1			
4	57.50	56.10	24.3	29.8	Calm	S 1				59.46	57.95	22.5	28	Calm	N 1		N	
5	56.90	56.10	25	26.8	Calm	Calm			18.8	59.71	58.42	22.4	29.2	N 1	SSW 1			
6	56.91	56.39	24.4	28.6	Calm	SSE 1				58.91	57.25	23.1	27.4	Calm	W 1		NE	3.1
7	57.11	56.44	24.5	28.5	Calm	S 1			3.1	59.02	58.33	24	27.7	E 1	W 2	E	NW	1.5
8	57.60	57.18	24.1	28.1	Calm	SSE 1				59.60	58.75	24	28.2	Calm	W 2			
9	58.12	57.60	24	27.9	Calm	W 2			13	59.51	58.58	23.5	28.9	Calm	S 1			
10	58.33	58.08	23.5	26.4	Calm	SW 2		W		59.16	58.29	23.4	26.4	Calm	S 1		S	1
11	58.39	57.50	23.3	29.6	Calm	W 1	N		25.4	59.17	58.83	23.3	27.8	Calm	WSW 1			.8
12	59.22	57.90	22.9	29.4	Calm	W 1			2.8	59.51	58.74	22.5	26.3	Calm	W 2		W	
13	58.45	57.65	23.5	27.8	Calm	WSW 2		S	.5	59.06	58.23	23.4	27	Calm	WSW 2		W	
14	58.77	57.60	23.6	28.4	Calm	S 2	NE			59.51	58.08	23.6	30	Calm	SE 2	E		
15	58.63	56.74	23.4	28	Calm	ESE 1	S		11.2	59.59	58.88	23.8	29	Calm	SE 2			8.4
16	57.87	57.39	23.4	27.9	Calm	SE 1	E	E	4.6	59.20	57.75	23.4	29.5	Calm	W 2			2
17	58.24	58.44	24	28.5	Calm	S 1				59.60	58.64	23.3	28.8	Calm	W 1			.3
18	59.42	58.73	24.2	30	Calm	ESE 2				60.01	59.22	23.9	28.5	Calm	W 1	E		.5
19	59.12	57.54	23.9	28.4	Calm	WSW 2			3.8	59.19	58.47	23	28.2	Calm	WSW 1		NE	
20	58.66	57.25	24.8	27.6	Calm	W 2	E	W	3.1	59.17	57.40	23	29	Calm	W 2			2.3
21	58.32	57.24	22.9	27.2	Calm	SE 1	S	E	.5	58.90	57.73	23.4	29	Calm	W 1			1.8
22	58.68	58.08	23.8	30.1	Calm	SE 1			10.2	58.97	57.78	23.6	28.6	Calm	W 2	N		
23	59.13	57.30	23.2	28.6	Calm	W 1				58.95	57.35	23.4	29.2	Calm	W 2			3.6
24	57.72	55.85	23	27	Calm	W 2				57.42	56.90	23.6	27.4	Calm	SSW 1		E	27.7
25	57.17	55.65	24.1	28.2	Calm	W 3				58.79	58.16	23.2	27.8	Calm	SSE 1			5.1
26	57.55	56.52	25.6	24.4	W 1	W 3			44.2	58.88	57.13	22.9	31	Calm	SE 1			
27	57.97	57.38	23	26.7	Calm	W 4		W		58.17	57.51	25.7	27.4	WNW 1	W 3			
28	57.41	56.65	26.4	27.2	W 1	Calm	W	W	.8	57.54	56.68	23.3	27.8	Calm	NW 1		NW	
29	57.21	56.54	23.4	27.6	Calm	W 1			4.6	56.91	56.20	24.6	24.4	Calm	W 1	E	W	26.4
30	58.04	57.44	23.4	27.3	Calm	SSE 2				57.43	56.25	23.2	27.4	Calm	NW 1			1.3
31										55.35	54	24	28.4	Calm	W 4		W	14.5
Mean	58.06	57.12	23.9	28.1	0.1	1.5				58.83	57.79	23.5	28.1	0.1	1.5			
Total									146.6									137.6

Day.	NOVEMBER.									DECEMBER.								
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	54.95	53.31	26.5	27.5	W 3	W 6	W	W	3.5	57.24	56.20	22.7	29	Calm	W 2		N	
2	55.76	56.60	25.7	25	ESE 2	NE 1			49	56.73	54.63	22.5	29.5	Calm	W 1			161
3	57.34	57.13	23	28.2	Calm	Calm		N		53.25	53.27	24.2	26.4	W 6	WSW 5		SW	54.4
4	57.62	56.54	23.2	29.9	Calm	W 1			5.1	57.74	57.39	22.8	29.3	Calm	E 1		E	
5	57.62	56.83	23.8	28.4	Calm	W 1				58.93	57.93	23.6	29.8	Calm	ESE 2	N		
6	57.46	56.27	23.8	29.5	Calm	SE 2			2.3	58.93	57.63	23	28.8	Calm	W 1			
7	58	56.94	23.6	28.1	Calm	W 2			14.5	57.74	56.97	23.4	29.4	Calm	W 2			
8	58.36	57.06	23.8	27.8	Calm	W 2			2.5	57.91	56.55	24.4	28.8	Calm	SSE 1			9.4
9	58.22	56.54	23	28.5	Calm	ESE 2			.5	57.29	55.98	22.8	28	Calm	SSE 2			
10	56.68	56.45	23.2	24	Calm	W 5		W	40.7	57.42	56.01	23.6	30.8	Calm	E 1			
11	57.07	56.11	24.6	28.1	W 2	W 3		W	6.6	57.69	56.53	23.8	29.4	Calm	SSE 2			
12	56.91	55.85	22.4	27.4	Calm	W 3		W		57.03	56.28	23.2	28.4	Calm	WSW 1		E	3.3
13	56.85	56.61	25	24.1	W 2	W 1		W	62.2	56.96	55.48	23.4	28.2	Calm	SSE 1			2.5
14	56.67	55.95	26.1	27.8	W 1	W 2	W	W	5.1	57.19	55.90	23.8	28.4	Calm	SE 2			
15	56.92	55.33	24.3	28.4	Calm	W 3	W			57.08	56.53	23.4	29	Calm	SE 2			
16	56.33	56.33	24.1	25.5	Calm	W 2		W	9.7	58.19	56.82	23.5	29.1	Calm	E 2			
17	57.31	56.90	22.6	29.4	Calm	NW 1				58.22	57.14	23.8	27.6	Calm	Calm		S	
18	58.78	57.13	23.1	28.4	Calm	W 3				58.32	57.82	24.9	24.8	Calm	E 1		W	
19	57.80	56.75	24	27.5	Calm	W 3		W	3.6	58.71	57.42	24.4	28.5	Calm	E 1		N	
20	56.84	56.26	23	28.5	Calm	W 1				58.66	57.29	24.1	28.4	Calm	N 1			
21	57.02	55.84	23.9	28.4	Calm	W 3			6.1	57.64	56.29	22.6	28.9	Calm	ESE 1			
22	57.13	55.85	23.8	28	Calm	W 3			1.3	56.94	56.10	24.8	29.2	Calm	W 3		N	
23	57.95	56.69	24	28.2	Calm	W 2	W			57.17	55.73	24	27.4	Calm	W 2	S		11.4
24	57.77	56.40	22.9	26.1	Calm	N 3		N	4.3	56.98	56.43	24.8	26.6	Calm	W 1	W		
25	56.63	56.27	23.7	25.7	Calm	W 3		N	1.3	59.27	58.17	23.4	29.2	Calm	W 2			
26	56.74	56.32	22.8	23.7	Calm	Calm			5.1	58.82	57.65	23.8	29	Calm	W 1			
27	57.38	56 26	22.8	27.5	Calm	W 1			4.1	58.84	57.98	23.1	29.4	Calm	W 1			
28	57.12	56.22	24.4	28.5	W 2	NE 1			11.2	59.30	58.14	24	28.4	Calm	SE 2			
29	56.83	55.94	23.4	28	Calm	W 3	W			58.92	57.82	23	29.6	Calm	NE 1		E	
30	57.46	56.19	23.6	29.5	Calm	SSE 1	S			58.37	56.89	23	28.5	Calm	W 1	N		
31										57.74	57.89	23	28	NE 1	W 2		E	
Mean	57.18	56.30	23.8	27.5	0.4	2.1				57.78	56.74	23.6	28.6	0.2	1.5			
Total									238.7									242

DAVAO.

[ϕ=7° 01′ N; λ=125° 35′ E; barometer above sea, 4 meters; gravity correction not applied, —1.91 mm.]

Day.	JANUARY.									FEBRUARY.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	57.69	56.64	22.3	29	Calm	NW 1	NW	N	16.5	58.17	57.01	22.9	27.5	WNW 1	NW 1	WNW	NW	
2	58.13	56.50	21.5	31.2	NW 1	Variable 3		N		59.05	57.25	23.3	28	Calm	Calm	NNW	WNW	11.7
3	59.14	57.62	22	29.4	Calm	NW 1				60.01	58.67	22.6	25.5	NW 1	Variable 2			21.1
4	59.51	57.24	21.6	31.8	Calm	Variable 2		NE		59.31	57.21	22	29.4	Calm	NW 1	N	N	
5	59.19	56.98	21.1	31	NW 1	Variable 2		N		58.04	55.85	22	29.9	NW 1	Variable 2			25.9
6	57.85	56.27	22.5	29.6	W 1	NW 2	N			58.55	56.54	23.5	28.3	NW 1	Calm	NW	NNW	11.2
7	56.97	54.77	21.5	30.8	Calm	Calm				57.99	56.12	21.1	29.9	NNW 1	SW 1	NNW	SW	
8	56.47	54.61	23	30.1	NW 2	Variable 2				57.64	56.18	21.6	29	Variable 2	Calm		N	
9	56.31	54.85	21.9	30.2	Variable 2	Calm		NE		57.19	55.31	23	32.7	Calm	Calm			13.2
10	56.45	54.83	21.7	31.2	NW 1	W 1	NE	W		57.17	56.51	23.9	27.5	WNW 1	NW 2	E		34.8
11	55.75	53.96	22	31.5	W 1	Variable 2		NE		57.95	57.12	23.1	29.8	Calm	NW 1		NW	30.5
12	55.89	54.92	23.5	28.8	Calm	Calm	NE	NW		57.41	55.73	22	30.4	Calm	NW 1			12.7
13	56.11	55.54	23.5	26.6	Variable 2	W 1	NE	W	36.3	58.43	57.47	22.8	25	NW 1	NNW 1			43.7
14	56.08	55.39	22.5	28.4	NW 1	NW 1	NW	NW	36.1	58.89	57.48	22	29	Calm	Calm			38.1
15	57.15	55.53	23	30.4	Calm	Variable 2	N	N		59.22	57.64	22	24.7	NW 1	WNW 2			19.3
16	57.50	56.35	22.5	30.8	NW 1	Calm	NW	N		58.69	56.71	22	28	Calm	NNW 2		NE	
17	57.85	55.88	22.9	29	Calm	NW 1		NW		57.15	54.96	23	29.7	Variable 3	Calm		E	
18	56.90	55.60	23.5	30.7	WNW 1	NW 1			6.4	57.58	55.96	23.5	30.1	Variable 2	Variable 2			
19	57.50	56.40	23	31	NW 1	Calm		E	14.7	58.38	57.17	22.5	30	Calm	NW 1		NW	
20	59.09	58.11	22.5	24.5	Variable 2	Variable 2	N	E	19.1	59.79	57.15	21	30.6	N 1	Calm			
21	59.23	57.58	22.5	30.3	NW 1	Variable 2	NW	ENE		59.57	56.89	22.9	32.5	NW 1	Variable 2		NE	
22	59.14	57.14	22.5	31.9	NNW 1	W 1				59.14	57	22	31	Variable 2	Calm			
23	58.72	57.77	23.5	31.2	Calm	Variable 2			6.1	58.62	57.10	22.4	28	NW 1	Variable 3			23.6
24	58.59	57.42	22.6	28.4	Variable 2	Variable 4		NE		57.95	56.25	22	27.7	NW 1	Variable 2		NW	11.9
25	58.71	56.78	21.4	31.1	Calm	Variable 2			4.8	57.95	57.01	22.8	27	Calm	Variable 2			21.1
26	58.80	57.40	23	28.5	Calm	Variable 2			14.7	58.24	56.92	22	29.8	NW 1	Variable 3		NW	
27	59.53	57.88	22.5	29.8	Calm	Calm		NW	5.8	57.67	55.90	23.3	30.8	NW 1	Variable 2	NE	NE	33.8
28	59.09	57.47	22.7	30	NW 1	NW 1	NE					23.5	28	Calm	Calm	NW		
29	58.17	55.78?	21.5	31.9	Calm	Variable 2		NW										
30	58.43	57.23	22.5	31.6	Calm	WNW 1												
31	58.63	57.56	23	32	Calm	Variable 3		NW										
Mean	57.89	56.39	22.4	30.1	0.7	1.4				58.36	56.71	22.5	28.9	0.8	1.2			
Total									160.5									352.6
	MARCH.									APRIL.								
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	57.50	56.65	22.5	28.3	Calm	Variable 2		E		57.70	56.51	22.6	27.4	Calm	Calm		N	5.6
2	56.56	55.25	22	31.9	Calm	Variable 2		NW		57.90	57.01	23	30	NE 2	N 2	NE	NE	19.3
3	56.82	55.16	21.5	30.8	Variable 2	SW 1				57.03	56.64	23.6	28	Calm	Variable 3		NE	
4	58.33	56.58	22.5	31.9	Calm	WNW 1		NE		57.68	55.76	24	27.4	Calm	Calm		NE	47.8
5	58.20	56.96	21.5	31.6	Calm	Variable 2		NW		57.48	56.39	23.2	28	Calm	Calm	N		6.6
6	59.45	57.48	20	30.1	Variable 2	Variable 3	NE	NW		57.76	56.27	21.8	32.5	Calm	NE 2		NE	29.2
7	58.04	56.06	18.7	33	NNW 1	Variable 2				57.55	56.32	23	30.7	Calm	N 3		NNE	
8	58.37	56.09	21.4	33.5	NW 1	Calm		NE		57.76	56.52	21.6	30.1	Calm	NE 1		N	
9	58.81	57.50	23	31	NW 1	Variable 2		WNW		57.21	55.98	22	33.5	NNW 1	N 1		N	
10	60.07	59.69	22.6	24.9	NW 1	NW 1	NW	NW	14.2	58.02	55.58	21.5	31.9	Calm	N 2	NE	NE	
11	59.99	58.16	22.1	31	Calm	Variable 2		N		57.66	56.30	22.2	30.9	Calm	N 2		NE	
12	60.61	58.44	21.5	32.5	Calm	Variable 2		NE		57.20	55.76	23.1	32.9	Calm	NW 2		NE	
13	59.59	59.14	21.7	25.4	Calm	Variable 4			31	57.69	57.18	24.1	27.4	NW 1	N 2		NE	3.8
14	59.65	57.97	19.9	31.5	Calm	Variable 3	NE			58.46	56.65	23.5	31	Calm	N 2		N	
15	58.33	56.62?	21.7	29.3	Calm	Variable 2				59.72	58.06	24.4	29.2	Calm	N 2		NE	
16	56.41	55.60?	22	31.9	Calm	NW 1				58.96	56.65	23.6	32.4	Calm	N 2			
17	56.77	55.38	21.2	32.1	Calm	NNW 2		SE		58.04	55.99	24.5	32.5	Calm	Calm			
18	57.49	55.68	21.1	32.9	Calm	Calm		SE		57.53	56.39	24	27.2	NNW 1	Calm	NNW	N	42.6
19	57.91	56.17	21.8	31.2	Calm	ENE 1				56.14	55.08	21.5	31.2	Calm	NNW 1		NNW	
20	59.35	58.26	23.8	25.6	Calm	NW 1				55.92	55.35	24	28.5	NE 2	Calm		NW	75.7
21	59.12	57.67	22.5	30.3	Calm	NE 2			7.6	56.40	53.84	21.3	22.3	ENE 1	Calm	NW	NW	76.2
22	58.91	57.75	22.8	26	NE 1	NNW 1		NE	25.9	54.99	54.08	21.4	29.1	NW 1	NE 2		NE	
23	59.12	57.42	21.2	31.5	Calm	WSW 1				56.76	55.49	22.2	30.6	ENE 1	S 1		S	
24	59.77	58.26	24	30.6	NE 1	ENE 2		ENE	15.2	58.06	57.36	24.5	30.3	Calm	S 1	SE		
25	59.98	58.54	23	29.3	Calm	Calm		NE	10.7	59.47	57.69	23.4	32	Calm	W 2		W	
26	60.66	58.88	22	27.5	NE 2	NE 2	NE	NE	5.1	59.26	57.36	23.5	32.3	Calm	Calm			
27	59.22	57.30	22.4	31.2	Calm	NE 2	N	N		59.25	57.19	23.2	32	Calm	ENE 1			
28	57.94	56.46	23.5	30	NNW 2	Calm				58.96	57.21	23.5	32.2	NE 1	NE 1			
29	57.96	56.53	22.3	29.9	Calm	SW 1		N		59.68	57.31	22.8	31.5	Calm	ENE 2		NE	
30	56.65	55.72	23	25.2	Calm	Calm			37.6	59.51	57.66	22	31.5	Calm	NNW 2			
31	56.93	55.36	22.5	27.8	Calm	NE 2			25.9									
Mean	58.53	57.06	22	30	0.5	1.5				57.86	56.39	23	30.2	0.4	1.3			
Total									173.2									306.8

DAVAO.

[ϕ=7° 01′ N; λ=125° 35′ E; barometer above sea, 4 meters; gravity correction not applied, —1.91 mm.]

Day.	MAY.										JUNE.									
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.		Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.			6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.		mm.	mm.	°C.	°C.					mm.
1	58.31	56.89	22.5	32.3	N 1	N 2		W	48.5		58.26	56.58	22.5	30.9	N 1	NNW 1			
2	57.74	56.17	23.2	31.7	N 1	Calm			31		58.28	56.82	23	29.6	Calm	Calm			
3	57.56	55.62	22.5	31.1	Calm	ENE 2		ENE	39.9		57.48	55.31	23.9	29.9	Calm	NW 1	NE		
4	57.35	55.62	22.6	29.8	N 1	SE 2	N				56.84	56.05	23.5	31	NE 2	S 1		N	15
5	56.48?	54.91?	22.3	31.8	N 1	Calm		NNW			57.09	56.85	23.5	32.2	Calm	NW 1		NE	3.3
6	57.42	55.49?	23.4	30.8	Calm	N 2					58.47	57.13	24	30.1	Calm	N 2	N		
7	56.58	56.35	23.5	31.3	N 1	Calm					58.57	57.17	23.3	31	Calm	NW 2		E	16.3
8	57.28	56.09	23.5	31.5	ENE 2	NNW 1					59.62	57.06	23.5	31.4	Calm	N 2		N	
9	57.03	55.16	24.4	31.9	Calm	ENE 2		ENE	38.6		59.81	58.11	24	29	Calm	Variable 2	E	E	18.8
10	56.98	55.97	24	30.4	SE 1	Calm	SE		39.4		59.06	58.39	23.9	27.5	Calm	NW 1	SE	NW	
11	57.72	55.57	24	30.9	Calm	W 2		W	12.7		60.66	58.64	23.5	31.4	Calm	W 2		N	
12	57.96	55.60	24.4	30.7	NNW 1	SW 1		SW			59.53	57.25	23	30.8	Calm	Calm			
13	57.49	55.61	24	31	N 1	Calm			38.6		58.58	56.33	22.8	31.5	SE 2	SSE 1		ESE	
14	57.08	55.52	23.5	31	NW 1	Calm	NW		2.5		58.91	57.32	24.5	30.5	Calm	W 1		S	
15	57.91	56.47	24.4	31.5	NW 1	Calm		NW			58.05	56.85	23	30.6	N 2	Calm		N	
16	58.78	57.28	23	30.6	SE 1	ESE 2			24.9		57.58	56.64	23	30.7	Calm	NE 2			
17	59.57	57.51	23.3	31.5	Calm	WSW 2		WSW	26.7		57.83	55.98	23.8	29.2	Calm	N 1	N	N	
18	58.95	57.78	24.5	31.5	Calm	WSW 2		WSW	31.7		57.42	56.82	24.2	27.1	Calm	NNW 2	N	NNW	39.9
19	60.41	59.02	23.5	29.4	Calm	Calm	NE				58.36	57.04	23.5	29.8	NNE 1	NE 1			44.7
20	60.07	59.33	24	29.1	SW 2	SSW 2	SW	SSW	19		58.21	56.14	24	30.1	Calm	W 1			50.8
21	59.46	57.53	22	30.3	NW 1	Calm					57.80	56.97	22.6	29.5	Calm	NE 3		NE	
22	59.20	57.19	23.2	31.3	Calm	NW 2		NW	18.3		57.90	56.58	22.6	29.1	NW 1	N 1			
23	58.36	56.42	23.3	31.7	SW 1	W 1		NW			56.83	55.93	23.5	30.6	Calm	N 2			25.7
24	57.84	56.42	24	30	Calm	Calm					56.91	55.49	22.5	29.9	Calm	NNW 2		NNW	61
25	58.93	57.20	24.5	31.5	NNW 1	NNW 1			13.5		57.17	55.92	23.4	31	Calm	WSW 2			16.3
26	59.31	57.06	23.5	32.8	Calm	N 1		N	33.5		57.02	56.01	23	30.2	Calm	SW 2		SW	
27	58.32	56.27	23.5	32.1	N 2	W 1					58.03	56.26	23.9	30	Calm	NE 1			24.9
28	58.69	57.28	25	30.6	NW 1	Calm			41.1		59.56	57.10	23.8	29.1	NE 1	Calm			17
29	59.10	57.40	23.2	32.3	Calm	NW 2			38.9		58.86	57.65	23.5	26	Calm	NW 1		NW	52.6
30	59.06	57.69	24	27	Calm	Calm	SE		47.5		58.11	56.83	22.1	29.8	Calm	SW 1			15.7
31	59.16	57.12	23.8	30.6	NW 1	NW 1													
Mean	58.26	56.63	23.6	31	0.7	1					58.23	56.77	23.4	30	0.3	1.3			
Total									546.3										402
	JULY.										AUGUST.									
	mm.	mm.	°C.	°C.					mm.		mm.	mm.	°C.	°C.					mm.
1	58.28	56.25	23.4	29.9	SW 2	W 2	SW		17.3		58.34	56.71	22.5	31.5	SW 1	W 2	WSW	W	23.6
2	58.28	58.36	23	30.5	Calm	SW 1			5.6		58.24	56.42	21.9	29.4	Calm	SW 1			
3	58.21	57.36	22.5	30	SSW 1	W 2	SSW	W			57.85	56.71	22.5	27.9	SW 1	SSW 1	S	S	
4	58.93	57.56	23.2	29.9	Calm	Calm		SW			57.60	56.48	22.7	30	Calm	Calm			
5	60.16	59.27	24.4	29.5	SW 1	SW 1		SW			58.12	56.53	23	31.5	Calm	NW 2		NW	
6	60.17	58.58	22.1	29.9	Calm	Calm		WSW	23.6		58.25	57.35	23.5	31.4	SW 2	SW 2	SW		
7	60.49	59.03	22.5	28	Calm	N 2		N			58.33	56.33	22.5	30.5	WSW 1	Calm			
8	60.72	58.43?	22	30.5	Calm	Calm		NW	27.2		58.20	57.64	23	31	SW 2	SSW 1			27.4
9	59.94	57.84	22.1	30.9	SE 1	WSW 2		WSW			58.88	58.40	23	27.5	Calm	SE 2	S		18.5
10	59.81	57.56	21.5	31.2	ESE 1	Calm					59.11	57.22	23	30	Calm	Calm			33
11	59.39	57.31	21.9	30.7	SW 1	SSW 2	SW	WSW	20.1		58.51	56.79	23.1	30.3	SW 2	Calm		E	
12	59.67	57.07	23	30.5	Calm	WSW 2		W			59.41	57.99	23.8	30	Calm	SSE 1	SE	SW	22.1
13	57.85	55.71	23	31.1	Calm	SSW 1		SSW	23.9		58.17	55.97	23.5	28.4	S 1	S 2			
14	57.03	55.82	23.8	31	Calm	WSW 1			16		58.34	56.80	23.1	27.9	SW 1	Calm		WSW	33.5
15	57.20	56.31	22.7	30	Calm	WNW 1					58.37	57.05	22.5	30.8	Calm	SW 2			
16	58.22	56.42	23.3	30.6	SW 2	SSW 1	SW				59.33	55.92	23.2	30	NW 2	Calm	NW	NE	23.1
17	58.33	56.45?	22.8	29.7	Calm	S 1		S			57.38	55.92	23.9	31.5	SW 1	S 2			
18	58.48	56.71	22.9	30.5	Calm	NW 2		N	31.2		57.78	56.12	23	30.5	SW 1	WSW 2			
19	57.40	55.87	22.5	30.5	WNW 1	S 2		S			57.02	56.46	23.5	30.3	Calm	SW 1			26.2
20	57.69	56.22	22.5	30.6	NW 1	Calm					57.94	56.50	23.5	30.9	Calm	WSW 2			11.7
21	58.60	57.40	23	31	Calm	SW 2			11.9		58.52	56.85	23.4	30	Calm	SW 1			
22	58.56	57.42	22	30.8	Calm	SW 1					58.50	58.06	23	25.8	WSW 1	SE 2			36.6
23	57.20	55.21	22.9	30.3	Calm	SSW 1		SSW			57.86	55.68	21.4	29	NNW 1	Calm		SW	
24	56.32	55.19	22.7	31.4	NW 1	SSW 1					57.21	56.05	21.9	31.1	Calm	WSW 1			
25	56.38	55.42	22	30	Calm	Calm					56.69	55.46	22	31.7	Calm	SW 2			
26	57.15	56.33	22.5	31.4	SW 2	WSW 2					57.70	55.40	23	31.7	Calm	SW 1			
27	58.31	56.35	22.5	31.5	Calm	SSW 1		S			57.44	56.03	23.5	32.1	Calm	WSW 2		SW	
28	57.91	56.85	22.5	31.7	Calm	SSW 1		SSW			58.67	57.23	23	29.5	W 1	S 1			
29	57.67	56.47	21.6	30.5	Calm	SE 2					58.10	57	23.5	31.5	WSW 2	S 1			
30	58.29	56.55	22.4	31.8	Calm	WSW 1					58.60	57.06	23.2	31.7	Calm	Calm			
31	58.82	57.32	23	31.3	SE 1	SW 1					57.65	56.43	22.5	31.4	WSW 1	NW 1			
Mean	58.43	56.92	22.7	30.6	0.5	1.2					58.13	56.66	22.9	30.2	0.7	1.1			
Total									176.8										255.7

DAVAO.

[ϕ=7° 01′ N.; λ=125° 35′ E; barometer above sea, 4 meters; gravity correction not applied, —1.91 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.59	56.11	22.9	31.9	SSW 1	WSW 1			
2	58.32	55.69	22.5	32.4	Calm	Calm			
3	57.97	55.94	23.5	32.5	WSW 2	SE 2			9.9
4	57.31	56.13	22.2	31.1	ESE 2	NW 2	ESE		
5	57.15	55.96	23.6	30.7	WNW 1	S 2			
6	57.19	55.45	23.5	31	ESE 1	Calm			
7	57.45	55.31	23.5	31.7	Calm	SW 2			
8	57.78	56.22	23.5	31.4	SSE 1	Calm			12.2
9	58.68	56.85	23	29.4	SW 1	WSW 1			
10	58.22	56.63	23.7	30.8	Calm	Calm			21.1
11	58.47	57.50	23.5	26.9	ESE 2	Calm		SW	25.9
12	58.14	56.97	22.6	31.5	SSW 1	WNW 1			
13	58.66	56.60	23.6	30.6	Calm	S 2			19.3
14	58.84	57.12	22.5	29.9	Calm	S 2			
15	58.22	56.23	23	30.9	SE 1	Calm			9.1
16	58.32	57.76	22.5	26.9	SW 1	SSE 2	SW	SSE	
17	58.38	56.98	22.9	30.9	Calm	WSW 1			34
18	60.02	58.17	22	30.8	Calm	NW 1			14.5
19	59.11	57.56	22.5	30.9	W 2	W 1		W	23.6
20	58.73	55.94	23.5	28.9	Calm	Calm			
21	58.64	56.85	22	31.2	WSW 2	SW 1	NW		36.6
22	59.03	57.05	23.4	31	Calm	W 2			
23	57.42	56.68	23.8	30.6	W 1	Calm			
24	57.23	55.25	23	29.4	SW 1	NW 1			23.1
25	57.50	55.49	23	29.4	Calm	W 2	SW	WSW	14.7
26	57.17	55.26	23	30.6	Calm	Calm			15.7
27	57.29	55.36	23	30.6	SW 1	S 2			
28	57.54	55.30	22.6	30.4	Calm	SW 1			
29	57.20	56.12	22.5	30	Calm	S 2		S	
30	58.14	57	22	31.2	Calm	WSW 1			
31									
Mean	58.06	56.38	23	30.5	0.7	1.1			
Total									259.7

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	59.40	57.54	23	30.4	SW 1	WSW 2	S		
2	58.97	58.25	23.1	24.4	Calm	Calm			
3	59.01	57.41	22.3	30.4	NW 1	S 2		E	
4	59.33	58.03	22.5	30.9	Calm	WNW 1			
5	59.32	58.40	23.2	30.9	Calm	SSW 1			
6	58.86	56.38?	23.3	29.5	SW 2	S 2		SE	
7	58.82	57.55	23.5	31.4	SW 0	W 1			
8	59.49	57.94	23.5	31.3	Calm	SW 1		SW	
9	59.53	57.81	22.6	30.8	W 1	S 2			7.9
10	59.42	57.21	22.6	30.4	WSW 1	SSW 1		SSW	15.7
11	59.13	58.77	22.4	30.3	Calm	Calm			
12	59.58	57.48	22.8	30.5	SE 1	SW 2		NW	24.4
13	59.68	57.66	22.5	30.5	Calm	Calm		SE	6.1
14	59.60	57.36	22.6	30.3	WSW 1	SSW 1		NNW	
15	59.76	59.37	21.5	25.2	E 1	SSW 1	ENE	SW	
16	58.96	57.40	21	31.3	NW 1	S 1			
17	60	58.77	23.1	31.3	Calm	SW 2			
18	60.63	58.87	23	30.5	SSW 1	SSW 1			
19	59.71	58.12	22.6	31.8	Calm	E 1		NNW	
20	59.30	57.01	23.5	31.5	Calm	SSW 2			26.7
21	59.12	56.80	22.9	31.2	Calm	ESE 2			16
22	58.73	57	22.9	31.2	ESE 1	Calm			24.6
23	58.10	56.36	23	30.2	Calm	NW 1			
24	57.94	56.89	23	31.4	SW 2	WSW 1		WSW	18
25	58.81	58.18	23	30.5	Calm	WSW 1			
26	59.14	57.06	22.5	32.7	SE 2	WNW 1			26.7
27	57.64	56.16	23	31.5	Calm	ESE 2			17
28	57.25	56.05	23	31.6	SE 1	ESE 2		ESE	
29	57.15	55.58	23.5	30.5	Calm	Calm			13.5
30	57.51	56.57	22.5	29	Calm	NW 1			10.7
31			23.8	29.5	Calm	SE 3		SE	15.2
Mean	59	57.47	22.8	30.4	0.5	1.2			
Total									222.5

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1			26	28.4	SSW 3	S 3	SSW	S	
2	57.13	55.69	23.5	30.4	Calm	NNW 1			
3	57.79	55.32	23	29.4	Calm	NW 1		NW	
4	57.58	56.45	22.5	31.2	Calm	NNW 2		NNW	
5	57.95	56.31	23	30.3	NNW 1	Calm			
6	58.53	56.14	23.5	30.4	Calm	NNW 2		NNW	
7	57.58	56.42	23.4	30.1	N 1	Calm		S	
8	58.05	56.42	23	28.9	Calm	SW 1		SW	23.6
9	58.14	55.36	23	27.7	WNW 1	Calm		NW	21.6
10	56.28	55.28	23.6	30.8	Calm	SW 1			
11	56.56	55.72	22.5	27	NW 1	WNW 1		E	14.2
12	56.76	55.64	22	29.6	Calm	Variable 3		NW	14.5
13	56.56	55.57	22.5	29	Calm	NNW 1		NNW	
14	56.89	56.41	23.5	30.2	N 1	Calm			
15	56.95	55.14	23	32.3	Calm	Calm			11.4
16	56.59	55.13	23.3	29.7	Calm	NNW 1	E	NE	18.3
17	57.35	56.37	22.8	29.6	Variable 2	Variable 2	E		
18	58.62	56.44	23	30.6	Calm	NW 1			
19	58.03	56.69	24.5	26.8	Calm	NW 1	E	SE	
20	56.49	55.37	22.5	30	Calm	NNE 1			14.2
21	56.42	55.36	23.5	30.3	NW 1	WNW 1			
22	56.90	55.27	22.9	30.6	N 2	Calm			
23	58.17	56.76	23.6	31.6	Calm	NW 1			
24	57.58	56.55	23	28	Calm	N 1		NE	
25	58.53	57.51	23	25.5	NW 1	NW 2	NE		23.1
26	57.32	55.97	22.5	27	Variable 2	Calm	E	NE	9.1
27	57.03	55.58	23	28.1	Calm	N 1	E		
28	55.97	54.57	22.5	30	Calm	Calm			
29	56.16	54.87	22.8	30	WNW 1	S 1			16
30	57.22	55.36	22.5	29.8	Calm	Variable 2		N	
31									
Mean	57.28	55.85	23.1	29.4	0.6	1			
Total									166

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	56.57	54.79	22	29.4	NW 1	Variable 2		N	24.9
2	55.39	49.83	22.5	23	Calm	NW 5		N	153.6
3	54.77	54.29	22.5	28.7	Calm	NNE 1			28.9
4	59.31	57.53	22.4	29.3	Calm	Calm			
5	59.46	57.37	23	30.8	Calm	NW 1		NE	14.2
6	59.09	57.64	22.9	28.2	NW 1	NW 2		E	
7	57.96	55.74	22.8	28.5	Calm	Calm			23.6
8	57.64	55.68	21.7	32	Calm	Calm			
9	57.14	55.31	23	32.7	WNW 1	Calm		NE	
10	57.47	55.73	23.6	30.3	NW 1	Variable 2		NE	
11	57.37	55.35	22.5	31	Variable 2	NW 2		N	
12	57.21	55.15	23.5	31.9	NW 2	Calm	NE		
13	57.10	55.68	23.5	30.8	Calm	NW 1			
14	56.85	55.39	23.5	28.4	WNW 2	Calm		NE	
15	56.69	55.27	23	30	Calm	Variable 2			
16	57.98	56.11	23.3	30.3	NW 1	NNW 1		W	19.8
17	58.27	56.27	22.5	29.4	Calm	N 2			21.8
18	58.52	56.98	23.7	30.9	Calm	Variable 2	NE	NE	
19	58.20	57.16	23	30	Calm	Variable 1		NE	
20	58.14	56.24	23.8	29.3	NW 1	NNW 2		N	
21	57.87	56.17	22.2	30	Calm	SW 1		NE	33
22	56.25	55.19	22	29	Calm	Calm			
23	56.84	55.11	22	30.3	Calm	Variable 2		ENE	
24	57.24	56	24	30.8	SW 1	Variable 2		NE	
25	59.38	57.83	24	30.5	Calm	Calm			
26	59.42	57.40	24	30.7	Calm	NNW 1		ENE	
27	59.28	57.38	23	31.4	WNW 2	NNW 2		N	
28	59.49	57.76	23.3	30.9	Calm	NW 2		N	
29	59.02	56.88	22.2	29.8	NW 1	Variable 2		ENE	
30	58.27	56.97	22.5	31.7	Calm	Variable 2		NE	
31	58.39	57.34	21.5	29.2	Calm	NW 2		NE	
Mean	57.83	56.05	22.9	30	0.5	1.4			
Total									314.8

BUTUAN.[a]

[ϕ=8° 56′ N; λ=125° 32′ E; barometer above sea, 2 meters; gravity correction not applied, —1.88 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	58.60	56.75	22.5	29	NE 1	NE 3	-----	Variable	1.8
2	59.60	57.63	22.4	28	ESE 1	N 1	E	E	2
3	59.88	58.58	23	27.6	SSE 3	NW 1	-----	E	1
4	60.55	58.14	22.6	29	SE 2	ESE 3	-----	E	-----
5	60.18	58.19	21.5	28.5	Calm	SW 1	EbyN	E	13.5
6	58.83	57.15	22.5	29.3	SE 3	SSE 2	-----	E	2.3
7	57.65	56.44	23.6	25.6	Variable 1	N 1	EbyN	E	28.9
8	57.85	56.20	22.4	26.5	Calm	NW 2	E	ENE	1.8
9	57.21	56.21	23.6	26.2	S 2	S 2	EbyS	E	1.3
10	58.07	55.93	23.4	28.5	SSE 2	SE 3	E	E	1
11	57.06	54.93	23.2	29.2	ESE 1	SE 3	E	E	1.8
12	56.99	55.84	23.2	27	E 1	NW 2	E	EbyN	2.8
13	56.97	55.81	23.5	28.2	E 1	NW 2	NEbyE	-----	2
14	57.35	56.64	23	25	Calm	NW 2	-----	N	38.1
15	58.27	56.91	23.4	27	SW 1	W 2	-----	Variable	9.9
16	59.17	57.56	23.1	27	S 1	NW 2	ENE	Variable	4
17	58.79	56.70	23.1	27.5	S 1	NW 2	EbyN	Variable	7.1
18	58	56.43	23	28.3	NE 1	N 3	-----	Variable	.8
19	58.76	57.34	23	27.1	Variable 1	NNW 2	EbyN	E	24.4
20	59.90	59.05	23.8	25.1	S 1	S 1	-----	E	26.7
21	60.08	59.04	22.4	26	S 1	S 2	-----	EbyS	2.1
22	60.12	58.85	22	27	S 1	NW 3	EbyN	ENE	19.6
23	59.93	58.56	23.5	25.5	NE 1	NW 1	-----	NW	15.7
24	59.42	58.53	22.9	27	SE 1	WNW 2	-----	NW	3.8
25	59.80	58.51	21.6	25.7	Calm	NW 2	ENE	Variable	11.4
26	59.63	59.25	23.4	24.7	Calm	WNW 1	-----	NW	8.9
27	60.53	59.41	22	26.5	SE 1	NW 1	ENE	E	2.5
28	60.48	58.50	21.5	27	Calm	NNW 2	ENE	WbyN	21.3
29	58.82	57.65	23	26.5	NE 1	NW 3	ENE	NNW	2.6
30	59.40	57.59	22.6	27.6	Calm	N 4	SW	Variable	2.8
31	59.06	57.38	23.5	28.4	Calm	NW 2	ENE	ENE	3
Mean	58.93	57.47	22.8	27.1	1	2	-----	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	264.9

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	59.67	58.13	23	27.1	S 1	SE 2	NE	Variable	17.5
2	60.35	58.40	22.6	27	S 1	N 2	EbyN	E	37.3
3	60.70	60.70	23	23.1	SE 1	ESE 1	EbyN	-----	40.1
4	59.59	57.94	22.8	26.6	S 4	ESE 1	-----	E	1.3
5	58.88	57	22	28.6	ESE 1	S 2	ENE	EbyS	35.6
6	58.56	57.19	23.1	27.4	SE 3	SE 3	EbyS	E	-----
7	58.83	56.69	22.6	28.3	SE 1	SE 3	EbyN	EbyN	.8
8	58.20	56.52	22.1	29.4	SE 1	S 2	E	-----	-----
9	57.77	56.08	22.4	28.8	ESE 1	SSE 3	-----	Variable	-----
10	57.87	56.91	23.1	26	ESE 1	SSE 2	ENE	E	14.8
11	58.90	56.80	23.5	27.6	S 1	N 1	E	E	2.3
12	58.42	56.25	22.5	28.2	SE 2	Variable 2	-----	EbyN	16
13	59.79	58.55	22.9	23.6	SE 1	N 1	-----	EbyN	26.9
14	59.76	57.51	22.8	26.7	S 1	SE 1	E	EbyS	50.2
15	60.15	58.08	23	26.6	SE 1	SSE 1	-----	E	29.7
16	59.06	57.24	23	28.3	SSE 3	S 2	E	E	3.3
17	58.07	56.80	23.5	24.2	SE 1	N 1	ESE	-----	15.5
18	58.35	57.06	22.3	26.2	SSE 1	NW 1	-----	Variable	3.1
19	58.97	57.84	24.2	28.3	SE 2	WNW 2	E	Variable	1
20	61.18	60.03	23.9	25	ESE 1	NW 2	NbyW	E	17
21	60.46	58.57	23	27.5	SSE 3	NW 2	EbyN	E	1.3
22	59.99	58.24	22.7	27.4	SE 1	N 4	EbyN	Variable	10.4
23	59.81	57.95	21.5	27.5	NW 1	N 3	-----	NNE	-----
24	59.34	58.36	21	26.1	S 1	ENE 1	-----	E	1
25	59.06	58.36	22.8	25.3	SE 2	SSE 1	EbyS	E	2.3
26	58.87	57.65	23.1	28.6	SSE 3	S 1	-----	-----	7.4
27	58.60	57.39	23.2	24.5	ENE 2	N 2	-----	NEbyN	18.8
28	58.26	57.46	23	29.1	S 1	NNE 1	E	E	-----
29	-----	-----	-----	-----	-----	-----	-----	-----	-----
30	-----	-----	-----	-----	-----	-----	-----	-----	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	59.20	57.70	22.8	26.9	1.5	1.8	-----	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	353.6

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	58.51	57.38	21.6	27.5	ESE 1	N 2	-----	E	-----
2	57.70	56.54	21.5	26	NNE 2	N 1	-----	E	5.4
3	57.17	56.96	23	28.6	SSE 2	NW 2	-----	E	.8
4	59.22	57.52	22.5	28.5	SE 1	N 3	E	-----	-----
5	59.58	57.88	23	29.3	SE 3	N 3	-----	EbyS	-----
6	59.76	58.44	20.1	27.1	E 1	Variable 1	-----	-----	-----
7	58.93	58.03	21	27.3	SE 2	WNW 3	-----	-----	-----
8	58.85	57.23	22	29.5	N 1	N 2	-----	E	3.6
9	59.53	58.59	23.5	28	S 2	E 2	ENE	ENE	1.8
10	60.55	59.62	22.6	28.3	SE 1	NW 2	-----	NE	.5
11	61.02	59.42	22.1	27.6	SSE 1	WNW 2	-----	EbyN	-----
12	61.39	59.16	22.2	28.5	SSE 3	NW 3	-----	N	2
13	60.70	59.72	22.5	26.6	S 3	SSE 1	EbyN	NE	.3
14	60.28	59.43	21.6	27.5	Variable 1	WNW 5	NE	NE	.8
15	59.15	57.90	22.5	25.9	NNW 1	NW 4	N	NNW	18.5
16	57	56.10	23	27.4	N 1	NNW 5	NW	-----	-----
17	56.88	55.97	21.1	29.2	S 1	NW 4	-----	-----	-----
18	57.98	56.76	21.7	28.5	WSW 1	NW 4	-----	S	-----
19	58	57.27	23	27	S 3	ENE 1	-----	EbyN	3.6
20	59.58	58.30	24.2	25.5	SE 2	E 2	EbyS	E	8.7
21	59.83	58.30	22.7	25	SE 1	N 3	-----	Variable	15.5
22	59.17	58.59	23.9	25.6	SSE 2	S 1	S	E	12.2
23	59.47	58.26	23	28.1	S 3	N 1	S	E	2.5
24	60.17	58.68	23.5	30.4	SE 2	WNW 3	-----	Variable	2.8
25	60.59	59.41	22.9	28	Variable 1	Variable 1	EbyS	E	7.2
26	61	60.26	22.5	26.5	SE 1	N 1	EbyS	NWbyN	11.5
27	59.38	57.93	24	29	SSE 2	NE 2	E	E	4.1
28	58.57	57.82	23.1	27.6	Calm	N 1	-----	E	1
29	58.57	57.37	23.8	29.8	SE 1	SE 3	EbyS	E	.8
30	57.70	57.13	23.1	25.7	S 1	S 2	EbyN	E	13
31	57.74	57.04	23.5	26.7	SE 2	SSE 1	E	E	6.6
Mean	59.16	58.03	22.6	27.6	1.6	2.3	-----	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	123.2

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	58.52	57.64	23.1	26.7	SE 1	SW 1	EbyN	NE	25.4
2	59.18	57.49	23	28.5	SE 1	NW 2	EbyN	ENE	2.8
3	58.09	57.11	24	27	Calm	N 2	E	ENE	26.4
4	57.59	56.47	24.2	27	S 3	SE 3	-----	E	5.1
5	58.11	57.09	23.8	28	S 2	S 1	E	E	4.8
6	58.48	57.75	22	27	S 1	SE 1	E	NEbyE	2.5
7	58.94	57.22	23	30.8	Variable 1	WSW 2	-----	EbyN	-----
8	58.54	57.58	23.7	27.9	Calm	N 2	W	E	2.8
9	58.48	57.53	21.5	29.3	ENE 1	N 3	-----	Variable	-----
10	58.50	56.98	23	28.5	SE 1	W 2	-----	E	3.8
11	58.68	57.23	21.8	29	Calm	WNW 2	-----	ENE	-----
12	58.29	57.11	23	29.7	NE 1	NNW 4	-----	EbyS	-----
13	58.70	58.20	23.6	27.3	S 1	NW 2	N	EbyN	4
14	59.10	57.86	23.7	30.2	SE 2	SE 3	EbyS	EbyS	20.6
15	60.32	59.47	23.5	26.7	S 2	SE 2	S	SSE	.3
16	59.70	58.15	23.4	27.6	SE 2	NE 2	SE	E	2.8
17	58.83	57.14	21.4	28.5	S 1	NW 3	EbyS	ESE	1.3
18	57.50	56.17	23.8	27.7	Variable 1	N 2	NW	NE	1.5
19	56.96	56.14	22.5	29.3	S 1	NW 4	N	-----	1.3
20	57.47	56.19	22.2	28.1	W 1	WNW 3	-----	NWbyN	1.3
21	57.04	54.93	23.6	25.4	Variable 1	NW 3	NEbyE	NNW	31.5
22	55.82	55.08	23.4	28.1	NNE 2	N 2	NNE	SW	4.6
23	57.11	56.11	23	28.4	SE 1	NW 3	-----	SW	2.3
24	58.40	57.18	24	32	SE 2	SSW 2	SE	S	-----
25	59.62	57.81	23.7	30.1	SSE 3	NNW 3	SSE	Variable	3.8
26	59.69	58.44	23.6	27.9	SE 2	SW 1	SSE	Variable	20.6
27	59.52	58.09	23.3	29.1	SSE 1	SSE 3	S	Variable	-----
28	59.47	58.62	24	25.5	SE 2	S 1	-----	Variable	9.7
29	59.44	58.46	23.6	27.4	SSE 2	SSE 4	-----	Variable	4.3
30	59.63	58.42	22.6	30	SE 1	N 1	-----	NE	1.3
31	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	58.52	57.32	23.2	28.3	1.3	2.3	-----	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	184.8

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[a] The barometric readings of this station seem to be about 0.30 mm. too high.

BUTUAN.

[ϕ=8° 56′ N; λ=125° 32′ E; barometer above sea, 2 meters; gravity correction not applied, —1.88 mm.]

MAY.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.							mm.
1	59.19	57.41	23.1	30	E	1	NW	2	------	Variable	------
2	58.46	56.08	23.5	29.5	SE	1	NW	2	------	E	.8
3	58.25	56.61	23.9	29.8	ESE	1	N	3	------	Variable	6.9
4	58.10	56.35	24	27.2	Calm		N	2	NW	NNW	1
5	27.20	55.89	23	28.9	Calm		N	4	NW	NNW	3
6	57.41	56.17	24.1	30.2	SE	2	NW	4	------	NbyW	------
7	57.33	56.41	25	29.8	SSE	2	NW	3	S	------	------
8	57.73	55.86	24.4	30.5	SSE	2	NW	3	SSE	Variable	------
9	57.38	55.51	24.8	30.6	S	2	NW	3	------	EbyN	------
10	57.80	55.78	23.6	30.5	Calm		NNW	3	------	------	------
11	58.33	56.51	24	30.4	SSE	2	NNW	3	------	E	5.1
12	58.35	56.78	23.5	30.4	Variable	1	NNW	3	SE	------	------
13	58.14	56.36	23.6	30.2	Variable	1	NW	4	------	------	------
14	57.70	56.18	23.5	31	S	1	NW	3	NW	E	------
15	58.10	56.83	23.1	30.4	SE	1	NW	3	------	------	------
16	59.05	57.88	23.6	30.2	SSE	3	NNW	4	S	------	------
17	60.24	57.30	24.6	31	SSE	3	NNW	4	------	WSW	------
18	59.30	57.98	24.7	29	S	1	W	3	------	NW	35.6
19	59.90	58.43	23.8	28.1	S	2	Variabie	1	------	Variable	------
20	60.38	59.49	23.7	25.1	E	2	S	1	------	------	8.1
21	60.89	58.36	23.2	31	SE	3	SSE	4	SE	Variable	8.1
22	59.75	57.92	24.4	28	S	2	N	1	------	Variable	.5
23	58.72	56.91	23.9	30.8	S	2	NE	2	SSE	Variable	1.5
24	58.43	56.28	24.6	31.5	S	2	S	1	S	Variable	------
25	58.90	57.61	24	29.6	S	2	NNW	3	------	Variable	1
26	60.02	57.41	24.7	30.5	SE	2	N	3	------	Variable	------
27	58.46	55.95	25.1	32.6	S	3	S	3	SSE	Variable	------
28	58.65	56.31	25.5	31.5	SE	1	NW	3	EbyS	Variable	21.8
29	59.77	57.86	24.7	30.7	SE	2	SSE	3	------	Variable	1.3
30	59.59	58.03	24.4	30.1	Variable	1	Variable	1	EbyS	E	15.5
31	59.40	56.66	24.5	30.4	SE	2	SE	3	SSE	E	------
Mean	58.74	56.94	24.1	30		1.6		2.7	------	------	------
Total	------	------	------	------	------		------		------	------	110.2

JUNE.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.							mm.
1	58.55	57.67	24.7	28	SE	3	ESE	2	------	Variable	------
2	58.71	57.26	23.5	28.8	E	1	N	1	------	Variable	1.3
3	58.05	56.81	23.6	26.1	ESE	1	W	2	------	Variable	31.8
4	57.55	56.28	24.1	28.3	E	1	S	2	------	------	------
5	57.92	57.10	24.7	31.4	SSE	3	SSE	2	------	E	5.1
6	59.14	58.75	24.8	26.8	ESE	2	SSE	1	------	EbyS	1.8
7	59.12	58.49	23.5	26	SE	2	S	1	------	E	11.2
8	59.11	58.26	23.5	28.4	E	1	NW	2	E	------	7.4
9	59.17	57.51	24.4	30.2	S	2	SSE	3	E	Variable	4.6
10	59.67	58.80	24.5	25.6	SSE	1	SSE	3	E	------	1.3
11	60.14	58.70	23.5	26.5	SSE	3	ENE	1	------	SW	18.8
12	60.37	58.06	23.8	31	SSE	2	NW	1	E	Variable	------
13	59.27	57.36	23.7	27	SSE	2	SSE	1	------	E	10.6
14	59.25	57.98	24	29.1	SE	1	SE	1	EbyS	EbyS	8.6
15	58.97	58.06	24.1	25.1	E	1	E	1	------	------	11.9
16	58.05	57.93	24	25.7	E	1	SE	1	E	EbyS	17
17	58.62	56.76	23.7	29	S	1	N	1	E	E	------
18	57.68	56.42	24.5	28	SSE	1	NNW	1	------	Variable	22.6
19	58.89	58.05	24.2	26.6	SSE	1	NE	1	EbyN	Variable	2.8
20	59.05	56.94	24	29.2	SE	1	NW	1	------	NE	------
21	58.47	56.42	23.4	31.5	NE	1	SE	1	E	Variable	.3
22	58.47	56.95	23.5	27.8	SE	1	SSE	2	E	------	2.3
23	57.04	55.74	24	30	SSE	2	N	2	------	Variable	6.4
24	57.39	55.86	23.4	29.6	ESE	1	SE	1	------	------	1.8
25	57.44	56.33	23.2	30.6	SE	1	NW	2	------	Variable	11.7
26	58.26	56.51	23.4	29.8	SE	2	NNW	2	S	Variable	6.9
27	58.50	56.83	23	28.5	SSE	2	SSE	1	------	Variable	2
28	59.10	57.12	22.5	29.2	Calm		NW	2	------	NE	4.3
29	58.81	58.15	23.5	25.9	SSE	1	SE	1	N	------	.8
30	59.24	57.58	23.2	28.9	E	2	NNW	3	W	------	1.8
31	------	------	------	------	------		------		------	------	------
Mean	58.67	57.36	23.8	28.3		1.5		1.5	------	------	------
Total	------	------	------	------	------		------		------	------	195.1

JULY.

	mm.	mm.	°C.	°C.							mm.
1	58.34	56.92	23.6	30.5	E	1	NW	3	------	NW	12.4
2	58.71	58.04	23.6	28.7	SE	1	N	1	------	------	.8
3	58.57	57.72	23.7	30.5	SE	2	NNW	2	------	E	------
4	58.35	57.62	23.5	29.1	SE	3	SE	2	------	------	------
5	60.30	59.01	23.9	29	SE	2	E	1	------	EbyS	24.2
6	61.13	60.26	23.1	24.6	ESE	1	NNE	1	------	E	45.2
7	61.03	58.83	24	29.1	SSE	2	SSE	1	SbyE	------	------
8	61.08	59.17	23.1	29.5	SSE	1	N	3	SSE	Variable	2.3
9	59.80	57.66	22.6	29.9	SE	3	NW	3	SE	------	------
10	60.04	57.97	23.5	29.1	SE	2	NW	3	------	ESE	------
11	59.52	57.68	23.6	30.3	SE	2	N	3	------	Variable	------
12	59.59	57.47	22.7	29.5	SE	1	N	3	------	NW	------
13	58.51	56.18	23.1	29.5	Variable	1	NNW	3	NNW	------	------
14	57.17	54.91	23.5	30.4	SSE	2	NNW	4	------	------	------
15	57.34	56.08	24.4	29.5	SSE	2	NNW	2	SSE	Variable	------
16	58.70	56.61	23.6	30.7	S	3	S	2	S	Varlable	------
17	58.76	57.61	24	29.1	SE	2	NE	1	------	Variable	------
18	59.04	57	24.4	31.5	S	3	N	3	SSE	E	------
19	57.84	55.93	24.5	29.1	SSE	4	S	2	SSE	E	5.6
20	58.01	56.30	23.9	33.7	SSE	2	SSE	3	SSE	ESE	15.7
21	59.44	58.14	24	28.2	SE	1	NNW	1	------	SSW	28.5
22	59.26	56.90	22.6	32	E	1	SSE	3	SSE	EbyS	------
23	57.76	55.32	24.6	30.5	SE	2	NNW	3	SbyN	EbyS	8.6
24	57.10	55.52	24	28.4	Calm		NNW	2	N	NNW	.5
25	56.87	55.76	24.6	29.2	SE	1	E	2	------	Variable	7.4
26	57.90	56.28	22.9	30.4	SSE	2	NNW	3	------	Variable	------
27	59.14	56.73	24.4	30.5	SSE	1	N	3	------	ESE	------
28	58.26	56.68	24.1	30.2	SE	1	NNW	3	------	E	------
29	57.85	56.38	24	29.5	SSE	2	NNW	2	SSE	------	------
30	58.42	57.27	24	29	SE	2	NNW	2	S	E	------
31	59.40	58.08	23	28.6	SSE	1	N	1	------	------	------
Mean	58.85	57.16	23.7	29.7		1.7		2.3	------	------	------
Total	------	------	------	------	------		------		------	------	151.2

AUGUST.

	mm.	mm.	°C.	°C.							mm.
1	58.94	56.88	24.1	31.1	SSE	2	NNW	3	SSE	Variable	------
2	58.19	56.03	23	29.6	SE	2	N	2	------	------	3.6
3	58.05	57.43	23.6	29.7	SE	1	NW	3	NW	variable	3.6
4	58.45	57.13	23.5	28.4	S	2	N	2	S	ESE	------
5	58.85	57.23	24	28.8	SE	1	NW	1	SbyE	------	------
6	58.69	57.62	24.6	28.3	Variable	1	N	2	------	Variable	------
7	58.66	56.82	23.8	29.6	SSE	2	NW	3	------	Variable	3.6
8	58.86	57.36	22.5	28.5	ESE	1	N	2	------	------	------
9	58.67	57.20	23.6	31.1	SSE	2	S	3	SSE	Variable	1.5
10	58.79	57.61	23	28.1	SE	2	NNW	1	N	------	------
11	58.95	56.86	23.2	31	SE	2	SSW	1	------	E	------
12	59.63	57.78	22.5	29	E	1	N	2	NNW	------	------
13	58.65	56.39	23.2	28.7	SSE	1	NNW	2	------	E	------
14	58.07	56.84	23.2	28.6	SE	1	NNE	1	------	------	15.7
15	58.96	57.06	23	29.5	E	1	NNW	3	NbyW	E	2
16	59.29	56.08	23.3	30.2	SSE	2	S	2	------	E	2.3
17	57.85	56.38	23.4	28.8	SE	2	NW	1	------	E	9.9
18	58.14	56.63	23.4	29.2	SSE	2	NE	2	------	Variable	1
19	58.04	57.37	23.4	27.3	SSE	2	SSE	1	------	E	22.6
20	57.95	57.05	23	26	Calm		SE	2	------	------	------
21	58.54	56.93	23.8	29.6	SSE	2	SE	2	------	SE	.3
22	59.30	57.82	22.5	27.6	SE	1	N	2	------	E	7.4
23	58.31	56.33	23.1	28.6	ESE	2	Variable	1	------	------	------
24	57.50	55.77	24	29.6	ESE	1	NW	3	------	Variable	------
25	57.02	55.31	23.5	30.4	ESE	2	SSE	2	SE	------	10.2
26	57.20	55.47	24.4	32.5	SE	2	SSE	3	------	EbyS	------
27	57.85	56.05	23.9	30.1	SE	1	NNW	3	------	S	1
28	58.51	56.48	23.3	30.4	E	1	NNW	3	------	SSW	------
29	58.54	56.85	24.1	30.5	SE	2	N	2	------	Variable	5.1
30	58.96	57.07	23.4	27.6	SE	1	SW	2	------	SW	.8
31	57.61	56.18	23.8	32.5	SE	2	ESE	1	------	SW	------
Mean	58.42	56.77	23.5	29.4		1.5		2	------	------	------
Total	------	------	------	------	------		------		------	------	90.6

BUTUAN.

[ϕ=8° 56′ N; λ=125° 32′ E; barometer above sea, 2 meters; gravity correction not applied, −1.88 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	57.56	55.65	23.7	30.9	SE 2	WNW 3	------	Variable	------
2	58.30	56.06	23.7	30.9	SE 2	NW 3	------	S	------
3	58.04	55.90	23.8	31.1	SSE 1	NNW 3	------	Variable	1.5
4	57.67	56	23.3	30.6	SE 2	N 3	------	Variable	.8
5	57.15	56.16	23.5	29.5	SSE 2	NW 1	------	------	------
6	57.70	55.37	24	29.2	SSE 2	ESE 1	------	------	3.3
7	57.37	55.77	23	31.1	SE 2	NW 2	S	Variable	1.3
8	58.26	56.66	24	30	SE 2	N 3	SE	NE	------
9	58.69	57.09	24.1	29.2	SE 1	E 1	------	ESE	.3
10	59.02	56.83	23.5	30.1	ESE 1	NW 4	------	Variable	3
11	58.90	57.28	22.8	31.1	SE 2	SE 3	------	E	7.6
12	59.65	57.74	23.2	29	Calm	SE 1	------	------	10.7
13	59.07	57.25	24.3	26	SE 1	Calm	------	------	7.1
14	59.20	57.33	23.6	28.1	Calm	ENE 1	S	------	42.4
15	59.01	57.17	22.5	26.6	Calm	NNE 2	S	Variable	.3
16	------	------	------	------	------	------	------	------	.8
17	59.10	58.02	23.2	32	SE 2	SE 2	------	E	23.6
18	60.55	58.88	22.4	29	SE 1	NW 2	SSE	EbyN	------
19	59.73	57.72	24	28.2	SE 2	N 2	SE	NNE	3
20	58.46	56.08	24.5	28.7	SE 1	NW 3	SE	S	26.9
21	58.68	56.72	22.6	29.5	S 3	W 3	S	Variable	.3
22	59.21	57.63	23	27.5	SE 3	ENE 2	SSE	------	------
23	59.22	56.98	22.5	29.4	Calm	NW 3	------	E	.5
24	58.24	55.94	24	28.3	Calm	NW 2	------	------	------
25	57.32	55.71	23.4	27.5	S 2	NE 3	S	NNW	1.3
26	57.42	55.39	23.6	27.9	E 1	WNW 3	SE	WSW	26.9
27	57.50	55.86	24.1	28.5	SE 2	S 2	------	SW	19
28	57.17	55.65	23.6	28.4	ESE 1	NE 1	------	SWbyW	3.8
29	56.99	55.69	23.7	29.5	SE 2	SE 1	------	SW	1.5
30	58.60	57.37	23	30	ESE 2	N 4	------	ENE	------
31	------	------	------	------	------	------	------	------	------
Mean	58.41	56.62	23.5	29.2	1.4	2.2	------	------	------
Total	------	------	------	------	------	------	------	------	185.9

OCTOBER.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12.)		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	59.77	57.86	23.8	28.7	SE 2	NNW 1	------	------	14
2	59.25	58.46	23.1	26.6	SE 1	NNW 2	------	------	17.5
3	58.98	57.62	23	27.9	SE 3	NNW 2	SE	WSW	12.4
4	59.58	58.63	23.1	29.2	SE 2	NW 3	------	Variable	------
5	60.15	57.82	23.5	29.9	SE 2	N 2	SEbyS	Variable	------
6	59.29	57.21	23.5	27.3	ESE 1	E 2	------	E	.8
7	58.93	57	24.4	29.9	SSE 2	NNW 3	SbyE	E	------
8	59.64	58.53	22.8	29.4	SSE 2	NW 2	------	------	------
9	60.07	58.23	23.1	28.5	SSE 2	N 3	------	------	------
10	59.99	57.49	23.1	30	SE 1	S 2	------	Variable	5.8
11	59.74	58.70	22.6	25.5	SW 1	SW 1	------	------	9.7
12	59.78	58.29	22.2	28.9	SE 2	Variable 1	------	Variable	------
13	59.84	57.64	23	28.9	ESE 1	ESE 3	------	NE	3.8
14	59.84	57.82	23.8	30.5	S 2	N 1	SSE	Variable	2.8
15	59.93	59.43	22.4	29.6	ESE 1	S 3	ESE	------	------
16	60.09	58.02	22.4	29.3	Calm	NW 3	------	------	.3
17	59.98	58.31	23.4	29.1	SE 2	SSE 1	------	Variable	------
18	60.64	58.87	23.6	30.9	SSE 2	N 2	------	Variable	------
19	60.33	58.39	22.7	29.4	SE 2	NNW 3	SE	Variable	7.4
20	59.49	57.71	23.5	29.5	ESE 1	N 3	SE	Variable	.5
21	59.64	57.58	23.3	29	NE 1	NW 2	------	------	------
22	59.43	58.06	23.4	24.9	SE 2	S 1	SE	------	5.1
23	58.96	57.03	23.7	28.9	ESE 1	NNW 3	SE	Variable	11.2
24	58.42	57.79	23	25.2	ESE 2	WSW 2	------	Variable	19.3
25	59.82	58.34	23.1	24.9	ESE 1	ESE 1	------	Variable	9.4
26	60.19	57.13	22	28.2	ESE 1	NW 1	------	Variable	1.3
27	58.44	56.76	23.5	28	ENE 1	ESE 1	ENE	Variable	.5
28	57.86	56.45	24.2	27.4	NNE 1	N 2	NNW	NNW	------
29	57.80	55.82	24.1	28.6	ESE 1	NNW 3	SE	N	2.5
30	58	55.19	23.6	28	NNW 1	NNW 2	NW	NWbyN	10.7
31	54.16	52.36	24.2	24.9	S 1	Calm	NbyW	W	12.4
Mean	59.29	57.57	23.3	28.3	1.5	2	------	------	------
Total	------	------	------	------	------	------	------	------	147.4

NOVEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	52.73	52.46	24.3	27.1	SSE 2	ESE 2	SW	------	1
2	57.74	56.08	24	28.6	SSE 2	ESE 2	------	SbyE	------
3	58.79	56.97	24.1	29.1	ESE 2	SW 2	SE	EbyN	6.1
4	58.99	57.20	23.1	28.3	Calm	S 1	E	EbyN	.8
5	58.82	56.81	23.6	26.9	SE 1	ESE 1	EbyN	------	.8
6	58.77	56.31	23.6	28.2	ESE 1	WNW 2	------	E	1.5
7	58.79	57.35	24.4	26.6	SE 1	Variable 1	EbyN	Variable	22.1
8	59.01	56.50	23.7	28	ESE 1	SW 1	EbyN	E	.8
9	58.61	55.96	23.6	27.8	E 1	NNW 2	------	NW	.3
10	57.32	55.14	23.4	27.3	NNE 1	NNW 3	NW	N	42.2
11	57.56	55.34	23	26.6	NNW 2	NNW 3	NNW	NNW	5.1
12	57.19	54.93	23.4	28.5	SSE 1	N 3	NNW	NNW	.3
13	56.71	54.52	24	29.5	SE 2	N 3	SE	SW	6.9
14	57.82	55.08	23.5	28.7	SSE 2	N 3	------	NNW	4.1
15	57.20	55.36	23.8	28.7	S 1	N 3	S	WNW	2
16	56.89	56.11	24.8	24.5	ESE 1	NW 1	N	NW	26.9
17	58.40	56.09	22.6	28.7	SSE 2	NW 3	------	Variable	.5
18	59.39	56.48	23.1	29	ESE 1	NNW 3	------	Variable	13.2
19	58.34	57.01	24	25.1	Calm	N 1	NW	------	7.4
20	57.86	55.60	23.1	27.5	NE 1	NNW 3	NE	NW	------
21	56.92	54.93	22.7	29.1	SE 1	NNW 3	NWbyW	NNW	------
22	56.85	55.07	24	30.6	SSE 3	SSE 1	SbyE	SE	30.5
23	58.19	56.49	23.8	27.7	SSE 2	NW 1	------	NWbyW	3.6
24	58.77	57.13	22.7	26	SSE 1	N 1	SSE	N	6.9
25	58.75	56.97	23.2	25.6	SE 2	E 1	Variable	ENE	21.6
26	58.27	56.72	22.6	24.9	SE 1	ESE 2	ENE	ENE	1.5
27	58.18	57.30	22.7	24.3	Calm	Calm	EbyN	NbyW	18.8
28	57.51	56.22	22.5	24	Calm	N 1	ENE	NE	13.3
29	56.72	55.94	23.1	26.6	N 1	NNW 3	------	------	13.2
30	58.70	56.22	23.7	28.2	Calm	NW 2	EbyN	Variable	.8
31	------	------	------	------	------	------	------	------	------
Mean	57.86	56.01	23.5	27.4	1.2	1.9	------	------	------
Total	------	------	------	------	------	------	------	------	252.2

DECEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12.)		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	58.13	57.05	22.5	25.1	Calm	NW 3	ENE	NNE	22.6
2	57.32	54.02	22.8	24.5	N 1	NW 2	NE	NE	77.7
3	54.58	54.67	23.5	27.6	SSE 4	ESE 3	------	------	------
4	58.96	57.88	24.3	27.4	S 2	SSE 3	SE	SE	18.3
5	60.60	57.91	23.5	29.4	E 2	N 3	E	E	6
6	60.15	58.47	23	26	E 1	SE 2	NEbyE	E	4.3
7	58.85	56.23	22.7	29.1	WSW 1	S 2	EbyN	E	------
8	58.57	57.05	22.5	27.8	Calm	N 3	WbyN	------	------
9	58.18	56.45	22.5	28	Calm	NNW 3	NW	NW	------
10	58.17	56.63	23	26.5	SE 1	W 1	E	WbyS	8.6
11	58.26	56.46	23	26.6	Calm	W 1	ENE	E	14.5
12	58.27	56.55	23.5	27.2	SE 1	NE 2	E	EbyN	12.4
13	58.17	56.15	24.3	27.2	SE 2	NW 2	E	EbyN	5.6
14	57.75	56.20	23.3	26.5	SE 1	N 2	------	ENE	7.1
15	57.94	56.68	23.5	26.5	ENE 1	NW 1	------	NNW	38.4
16	58.79	57.50	23.5	27.5	Calm	NW 3	WbyN	NWbyN	.3
17	59.06	56.95	24	28	SE 1	WNW 4	NbyW	NWbyW	36.8
18	59.80	58.24	23.8	26.5	Calm	ESE 1	EbyN	NE	1.8
19	59.57	58.21	23.1	26	Calm	NNW 3	ENE	NW	27.9
20	59.01	57.40	23.8	26	Calm	NW 2	NWbyN	NNW	.8
21	58	56.51	23	24.4	W 1	NNE 2	NbyW	NW	6
22	56.61	55.55	24	27.7	NW 2	N 3	NW	NW	------
23	57.11	54.89	23.2	30	SE 3	SE 3	W	------	1.5
24	57.73	55.97	24.1	30.5	SSE 3	W 2	------	ESE	9.7
25	59.99	58.19	24	28.6	E 1	NE 2	------	Variable	2.8
26	59.88	58.08	24.1	27.6	S 3	SE 3	------	ESE	1
27	60.27	58.43	23.2	28.9	SSE 1	NE 1	E	E	.5
28	60.69	59.43	23	26.4	SE 1	ESE 1	------	------	6.4
29	60.35	58.08	21.7	27.6	NNE 1	N 3	E	ENE	------
30	59.51	58.10	21.6	28.1	SE 1	N 3	SE	------	1.8
31	59.37	57.74	22.6	28	SE 1	ENE 1	NEbyE	EbyS	1.3
Mean	58.70	57.02	23.2	27.3	1.2	2.3	------	------	------
Total	------	------	------	------	------	------	------	------	314.1

YAP, (WESTERN CAROLINES).

[ϕ=9° 29′ N; λ=138° 08′ E; barometer above sea, 31.85 meters; gravity correction not applied, —1.87 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	57.50	56.35	24.6	31.3	NNE 1	NNE 3	E	EbyN	1.5
2	57.56	56.89	25.5	31.8	NNE 1	NE 2	ENE	ESE	8.1
3	58.11	57.45	25.4	27	NEbyN 2	NbyE 2	E	ESE	14.7
4	58.87	57.39	25.5	31	NNE 4	NNE 4	NE	EbyN	3.3
5	58.03	56.82	25.4	30	N 3	NNE 4	NbyE	NE	3
6	57.40	56.12	25.1	30.6	NNE 3	NNE 3	NE	NE	2.8
7	55.84	54.75	25	31	NE 2	E 2	------	E	2.8
8	56.44	55.57	26.2	30.5	ENE 2	ENE 2	E	E	------
9	56.47	55.20	26	29	ENE 3	ENE 2	------	E	1.3
10	56.14	55.20	26	29.2	NE 2	NNE 2	ENE	NE	.8
11	55.37	54.62	26.4	29.2	NE 3	NE 3	EbyN	E	7.9
12	55.85	55.31	24.6	30	NE 1	NbyE 2	NEbyE	E	9.1
13	55.85	54.95	25.7	25.6	NE 3	NE 2	NEbyN	E	4.6
14	55.29	54.76	26	29.7	ENE 2	ENE 2	NE	ENE	.8
15	56.11	55.66	25	30.2	NE 1	NE 2	------	E	------
16	57.33	56.68	25.5	30.7	NE 2	NE 2	NEbyE	ENE	------
17	57.05	56.07	26	30.5	ENE 2	E 2	EbyS	EbyS	------
18	56.82	56.25	26.2	32.5	ENE 1	E 2	E	ENE	2.5
19	57.89	56.42	23.5	30.8	Calm	NE 3	------	NEbyE	1.8
20	58.43	57.12	24.5	29.5	Calm	NE 3	NE	E	1.8
21	58.18	56.82	24.5	30	NE 2	NE 3	ENE	NEbyE	------
22	57.66	56.49	23.7	30.2	Calm	N 2	------	NNE	15.7
23	57.47	56.54	25	29.8	Calm	NE 2	------	NEbyE	4.5
24	57.21	55.92	25.2	30.7	NE 2	NE 3	NEbyE	ENE	2.3
25	57.79	57	23.8	31	Calm	NE 1	------	EbyN	1
26	58.01	57.06	23.6	31.2	Calm	NE 1	NE	NEbyN	------
27	58.70	57.68	24.1	31.5	Calm	NE 1	------	NNE	.3
28	58.16	56.60	25.2	30.2	Calm	NNE 3	ENE	ENE	.3
29	57.13	55.89	26	32.4	NE 3	NE 2	------	ESE	7.1
30	57.39	56	24.3	29.2	Calm	ENE 1	NEbyE	ESE	42.9
31	57.24	56.77	25.2	26.5	NNE 1	N 3	------	------	31
Mean	57.20	56.20	25.1	30.1	1.5	2.3	------	------	------
Total	------	------	------	------	------	------	------	------	171.9

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	57.22	56.97	25.7	30.5	NE 4	NE 3	E	------	1
2	59.61	58.75	25.5	29	NE 2	NE 2	EbyN	E	------
3	58.57	58.35	26.2	29	NE 2	ENE 2	------	ESE	13.7
4	59.08	58.03	23.8	24.5	NE 1	ENE 2	NEbyN	E	19.1
5	57.72	56.87	25.3	30.9	NE 2	NE 2	ENE	ENE	------
6	57.48	56.76	25	30	NEbyN 1	ENE 2	------	EbyS	12.7
7	58.11	57.38	25.7	30.5	NE 2	ENE 2	------	------	1
8	57.75	56.41	25	30.1	Calm	ENE 2	------	ESE	------
9	57.53	56.49	24	32	Calm	Calm	------	ESE	------
10	57.67	56.85	25.1	30.5	Calm	NNE 1	------	------	1.5
11	57.32	55.87	25.7	26.5	NNE 1	Calm	------	ESE	5.6
12	56.83	56.02	25.3	30.5	NE 1	NE 2	ENE	ENE	------
13	57.77	56.92	25	30	ENE 1	NE 2	------	ENE	------
14	58.48	57.23	26	30.5	NE 2	ENE 3	------	ESE	------
15	58.02	56.81	25.5	26.8	NNE 2	ENE 2	------	------	22.6
16	57.43	56.03	24.8	29.4	NNE 1	NE 2	ENE	ENE	6.1
17	57.27	56.14	25.7	31	ENE 2	ENE 1	E	------	------
18	57.37	56.70	22	32.5	ENE 1	N 2	------	ESE	------
19	58.26	57.11	24.4	29.6	Calm	EbyN 2	ESE	ENE	------
20	59	58.48	25.2	30.9	NE 1	NNE 1	------	ENE	------
21	58.82	57.37	24.9	------	NE 2	Calm	------	------	2.8
22	58.08	57.14	26	29.5	N 3	NE 3	NE	ENE	------
23	57.61	55.91	25.7	27.4	NNE 3	NE 2	------	ENE	18.3
24	57.47	56.57	25.1	27.7	E 1	NE 3	ENE	ENE	.5
25	58.06	56.83	25.8	28.7	NE 3	ENE 2	ENE	ENE	19.3
26	58.76	56.77	25	29	NE 4	NE 3	ENE	------	------
27	57.71	56.45	25.6	28.8	ENE 2	NE 2	NE	ENE	1.8
28	57.01	56.61	25	30	NE 1	ENE 1	ENE	ESE	2
29	------	------	------	------	------	------	------	------	------
30	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------
Mean	57.93	56.92	25.1	29.5	1.6	1.8	------	------	------
Total	------	------	------	------	------	------	------	------	128

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	57.33	57.24	25.5	26	NE 2	E 1	ESE	------	3
2	57.63	56.46	24.5	28	NE 1	ENE 2	NEbyN	E	------
3	56.86	56.07	26	31.5	ENE 3	ENE 2	ESE	NEbyN	.5
4	57.88	56.90	24	29.6	Calm	NE 2	------	ENE	------
5	58.12	57.29	25.4	28.5	NE 2	NE 2	NEbyN	NEbyN	1
6	57.67	57.15	24.5	29.8	NE 2	ENE 2	------	E	------
7	57.40	56.15	25	29.3	ENE 1	ENE 2	------	EbyN	4.3
8	57.22	56.17	23.6	28.5	NE 1	NNE 3	EbyN	------	2.5
9	57.57	56.85	25.7	30.4	ENE 2	NE 3	------	ENE	.3
10	58.50	57.66	26	29.4	NE 3	NE 2	------	ENE	------
11	58.95	57.96	25.5	28.5	NE 2	NE 3	NEbyN	NEbyE	------
12	58.38	57.02	25.7	28.4	NE 4	NE 3	NE	ENE	27.4
13	57.27	56.02	24	26.8	NE 1	EbyN 2	E	EbyS	9.4
14	56.27	56.38	25	25.6	NNE 3	NE 2	E	SEbyE	35.3
15	57.67	57.38	25	28.6	ESE 1	ENE 2	------	------	15.5
16	58.74	57.02	24.5	28.8	NNE 1	SE 1	ESE	ESE	------
17	58.32	57.59	24.4	29.4	W 1	ENE 1	------	ESE	5.4
18	58.71	58.58	24.2	25	Calm	ENE 1	------	EbyS	24.9
19	58.88	58.01	25.2	28.6	EbyN 2	ENE 3	ESE	------	.3
20	60.20	59.45	25.4	29.4	ENE 2	ENE 2	ESE	EbyS	------
21	59.71	58.65	25	27.5	NNE 1	SW 1	------	------	9.1
22	59.60	58.15	25.6	30.5	ENE 2	ENE 1	------	------	.3
23	59.14	58.60	24.5	29.4	N 2	NE 2	------	NEbyN	.3
24	59.81	59.16	25.2	29	NE 1	NNE 2	ENE	NE	.3
25	59.91	59.06	25.8	30.2	ENE 2	ENE 2	------	------	3
26	59.57	58.43	26	29.6	NNE 3	EbyN 2	------	------	1.8
27	58.66	57.91	25.8	29.2	NE 3	NE 3	------	------	.3
28	57.80	57.21	25.8	30	NE 4	NE 3	------	ENE	.3
29	58.25	56.98	26.5	29.8	ENE 3	ENE 3	E	E	------
30	57.52	56.24	26	29.4	ENE 3	NEbyN 3	E	NE	1.3
31	56.96	55.66	25.7	29.2	NE 1	NE 3	ENE	ENE	3.6
Mean	58.27	57.40	25.2	28.8	1.9	2.1	------	------	------
Total	------	------	------	------	------	------	------	------	150.1

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	57.10	57.31	26	25	NE 3	ESE 3	------	E	13.7
2	58	57.50	25	29.2	NE 3	ENE 1	ENE	------	7.1
3	58.32	57.25	25.7	29.2	NE 1	NE 2	ENE	ENE	.8
4	58.30	56.47	25.6	29	NE 1	NE 3	------	ESE	7.1
5	57.12	56.95	25.6	29.6	NE 2	NE 3	------	E	------
6	57.60	57.15	26	28.7	ENE 2	NE 2	NE	ENE	------
7	57.57	56.66	25.6	29.5	ENE 1	NE 1	ENE	ESE	1
8	57.32	56.26	25.6	29.5	NE 1	NE 2	NEbyN	NEbyN	------
9	57.12	56.39	25.6	28.6	NE 1	NNE 2	NEbyN	------	2.3
10	56.83	55.90	26	30.1	NNE 3	ENE 2	NEbyN	------	------
11	56.52	55.80	25.8	31	NE 1	NE 1	------	ESE	19.9
12	57.31	56.60	26	29.5	ESE 1	ENE 2	SE	ESE	3.8
13	58.37	57.65	25.4	29.5	NNE 1	NEbyN 1	E	ESE	5.3
14	59.25	57.96	24.9	28.7	NE 1	NE 4	------	NEbyE	4.1
15	59.16	58.70	25.7	27	NNE 1	NE 1	ENE	------	56.1
16	59.09	57.60	23.9	28	Calm	Calm	NE	ESE	1.3
17	57.40	56.38	25.5	29	NW 1	SE 1	ESE	------	------
18	56.72	55.56	25.8	30.5	Calm	SSE 1	ESE	ESE	1
19	56.35	55.78	25.1	29.5	Calm	SW 1	SW	SSW	4.6
20	57	56.38	24.7	30.2	Calm	Calm	S	SbyW	2
21	57.50	56.89	25	30.5	Calm	SW 1	------	WSW	------
22	57.70	56.83	25.5	31.4	Calm	SEbyE 1	------	ESE	------
23	57.99	57.69	25.5	25.5	NNE 1	WSW 1	------	NE	34.8
24	58.80	57.44	25	30.5	NNE 1	Calm	NE	NE	------
25	59.12	57.56	26	30	NE 2	NEbyN 1	NEbyN	NEbyE	2.5
26	58.97	57.81	26.4	29.5	NEbyE 1	NE 2	ENE	E	1.6
27	58.47	57.63	25.6	29	N 1	NE 3	NEbyE	------	9.7
28	58.85	57.80	26	28.7	NE 1	EbyN 1	E	ESE	2.8
29	58.57	57.24	25.4	28.8	NNE 1	ENE 2	NE	E	.8
30	57.83	56.45	25.8	29	ENE 1	NNE 3	E	------	21.9
31	------	------	------	------	------	------	------	------	------
Mean	57.88	56.99	25.5	29.1	1.1	1.6	------	------	------
Total	------	------	------	------	------	------	------	------	204.2

YAP, (WESTERN CAROLINES).

[ϕ=9° 29′ N ; λ=138° 08′ E ; barometer above sea, 31.85 meters ; gravity correction not applied, —1.87 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	55.52	54.97	26	25.9	NEbyN 3	NEbyN 3	NE	NE	102.3
2	54.56	53.18	24.8	24.5	ENE 4	ENE 6	NE	ENE	223.5
3	53.57	53.87	25	25	SE 6	SE 4	SSE	SSE	207.5
4	55.47	56.31	26.2	25.5	S 3	SW 1	S	----	27.1
5	58.42	57.19	26.4	30.2	ESE 1	ESE 1	SEbyE	SEbyE	12.2
6	58.85	57.40	25.8	29.8	SE 1	Calm	----	----	----
7	58.27	57.01	24.7	28.5	NNE 1	E 2	----	NE	----
8	57.28	56.20	25.4	29.5	Calm	NNE 1	----	NE	----
9	56.69	55.65	24	28	Calm	NNE 2	NE	NE	----
10	55.72	54.47	25.3	29.5	Calm	NbyE 1	NE	NE	.8
11	55.29	53.69	25.6	25.7	N 1	NbyW 1	NNE	----	24.6
12	52.42	49.98	23.5	24.8	NbyW 3	NW 1	----	N	78.2
13	48.51	49.21	24.8	24.5	WNW 6	WSW 6	NW	SW	129.7
14	51.16	52.08	----	27.7	SW 6	SW 5	SW	SSW	14.4
15	56.32	57.67	----	28	SW 5	SSW 2	SW	----	12.7
16	60.17	59.49	24.5	28.2	SSW 3	Calm	SSW	----	----
17	60.19	59.45	24.5	29.8	Calm	NE 1	----	----	----
18	59.02	58.53	26.2	30.8	ENE 1	Calm	ESE	----	----
19	59.30	59.03	24.4	30.4	Calm	Calm	----	----	3.6
20	59.92	59.05	24.5	28.2	Calm	NEbyN 2	----	NE	1
21	60.11	59.15	24.8	29.7	NNW 1	NE 1	----	ESE	4.1
22	59.11	57.84	25.4	29.5	NNE 1	ESE 1	----	NE	----
23	57.90	57.11	25.5	29.5	NNE 1	NE 2	----	NW	----
24	58.16	57.65	26	30.8	Calm	SE 1	SE	SEbyE	----
25	58.98	58.25	25.2	30.8	Calm	SE 1	----	SEbyE	----
26	59.66	58.46	25	27	Calm	NE 1	----	----	----
27	58.62	57.24	26	31.4	Calm	SE 1	----	SEbyE	4.6
28	58.16	57.50	26.5	30	NNE 1	ESE 2	ENE	SE	32.6
29	59.92	58.75	25.7	29.1	Calm	ESE 1	SE	ESE	.5
30	59.95	58.88	26	29.5	Calm	ENE 3	NE	----	----
31	59.25	58.16	25.8	29.6	NE 2	NE 2	NE	NEbyE	----
Mean	57.31	56.56	25.3	28.1	1.6	1.8	----	----	----
Total	----	----	----	----	----	----	----	----	879.4

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	58.57	57.31	25.7	29	Calm	NE 2	NE	ENE	1.3
2	58.10	56.70	26	29.5	NE 1	NE 2	----	EbyN	10.7
3	57.72	57.14	25.7	30	ENE 1	ENE 1	NE	E	3.6
4	57.56	56.35	25.8	29.7	NEbyN 2	NE 3	ENE	ENE	.3
5	57.67	56.96	26.5	30.1	NE 1	NE 2	----	----	.3
6	58.31	57.73	25.6	27.9	NE 1	ENE 3	----	SE	18.3
7	58.50	57.69	25.5	29.6	N 1	NNE 3	NE	NE	5.3
8	58.36	57.91	24.3	27.4	NNE 1	SE 1	NE	ESE	11.7
9	59.07	57.95	26	27.4	SSE 1	NE 2	----	SW	----
10	59.61	59.31	24.8	29	Calm	E 3	----	WbyS	.5
11	59.86	59.19	25.3	28	Calm	Calm	----	SbyW	5.1
12	59.52	58.50	25.6	29.8	NE 2	NE 2	E	----	----
13	59.47	58.50	25.8	29	ENE 1	EbyS 3	----	----	1.1
14	59.12	58.01	25.8	29.2	Calm	NEbyN 4	----	ENE	.5
15	58.47	57.68	26.3	28.5	NE 1	NNE 1	ENE	----	9.6
16	57.60	56.40	26.2	29	NE 4	NE 4	ENE	ENE	9.9
17	57.15	56.47	25.4	27.8	ENE 2	NEbyN 2	ESE	----	8.2
18	57.43	57.77	25	26	Calm	Calm	----	----	12
19	58.57	58.06	24.5	29	Calm	N 1	----	NE	8.6
20	58.06	57.49	24.2	28	Calm	Calm	ENE	NEbyE	10
21	57.30	56.76	26.5	30.2	NEbyE 3	EbyN 2	SE	----	5.1
22	57.90	57.20	26.4	30.5	SE 2	SE 1	----	ENE	8.6
23	57.05	56.40	25.7	28.4	NE 4	Calm	NEbyE	----	25.4
24	57.07	56.30	24.2	28.6	Calm	NE 2	----	E	24.7
25	57.45	57.20	24.8	29	Calm	Calm	E	ENE	10.4
26	57.80	56.90	24.5	29.5	Calm	NE 1	NE	----	----
27	57.85	56.51	26.3	28.7	NE 2	NE 2	E	ESE	3.3
28	57.71	57.61	25	28.3	Calm	Calm	ESE	----	10.4
29	58.37	57.84	24.5	28.8	Calm	SE 1	SE	----	30
30	58.73	58.35	23.7	27.8	Calm	Calm	----	----	.5
31	----	----	----	----	----	----	----	----	----
Mean	58.20	57.47	25.4	28.8	1	1.6	----	----	----
Total	----	----	----	----	----	----	----	----	235.4

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	58.15	57.58	24.1	28.8	Calm	Calm	----	SW	----
2	58.40	58.08	25.5	29.4	Calm	Calm	----	E	17.3
3	59.81	59.54	24.6	28	Calm	Calm	SE	----	3.6
4	59.91	59.60	25.5	29.7	Calm	NE 1	----	----	3.6
5	60.32	59.58	24.5	30	Calm	ENE 1	----	SEbyE	7.1
6	60.07	59.68	23.8	26.7	Calm	Calm	----	SW	6.9
7	60.36	59.63	24.7	27.6	Calm	Calm	----	N	1.8
8	60.34	59.25	24.8	29.5	Calm	Calm	N	----	.3
9	59.50	58.44	25.1	29.7	Calm	Calm	NW	NW	19.3
10	58.80	57.46	24.4	29.5	Calm	Calm	----	Variable	1.3
11	58.87	57.56	24.4	28.5	Calm	Calm	----	SW	28.7
12	58.15	57.67	----	----	Calm	Calm	SW	W	.5
13	57.67	57.69	24	25.4	Calm	SW 2	ESE	S	4.1
14	57.31	56.86	25.4	28.5	Calm	SSW 1	S	S	1.8
15	57.11	57.21	24	27	Calm	Calm	----	NW	.3
16	57.97	57.19	24.5	31	Calm	NE 2	----	ENE	.5
17	57.97	57.24	24.1	28.2	Calm	ENE 1	----	ENE	4.6
18	58.35	57.03	24	29.5	Calm	Calm	----	SbyW	3.1
19	57.67	56.93	24.8	30.4	Calm	SE 1	SSW	SSE	----
20	57.42	57.58	26.2	26.4	NE 1	E 1	----	----	5.3
21	58.86	57.72	24.8	31.5	Calm	NNE 1	----	NE	.5
22	57.37	56.29	25	32	Calm	SE 1	----	ESE	.5
23	55.67	54.85	24.8	29.5	Calm	SW 1	S	SW	----
24	55.20	54.76	26	28.7	Calm	SSW 2	SW	SW	2.3
25	56.05	56.12	26	29.8	SW 2	SW 2	----	SW	1.3
26	57.50	57.53	25.6	30	Calm	SW 1	SW	----	----
27	58.05	56.77	25	30.8	Calm	SW 1	S	SW	----
28	56.62	56.60	24.7	29.4	Calm	Calm	----	----	----
29	57	56.23	26	28.7	WSW 1	SW 1	W	----	7.4
30	57.47	56.77	24.5	23.8	WNW 2	WSW 3	WNW	NW	13.8
31	57.60	57.85	24	24.4	Calm	Calm	NW	----	51.8
Mean	58.11	57.53	24.8	28.7	0.2	0.7	----	----	----
Total	----	----	----	----	----	----	----	----	187.7

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	57.25	56.40	24	28.5	Calm	WbyN 1	WNW	----	0.8
2	56.92	55.89	24	30.6	Calm	SW 1	----	WSW	.8
3	56.80	56.71	24.8	29.8	Calm	SW 1	NW	WSW	.2
4	57.07	57	24.5	30.5	Calm	SW 1	----	----	----
5	57.57	56.58	24.7	29.5	Calm	SbyW 1	----	SSW	----
6	57.33	56.81	24.4	29.7	Calm	S 2	----	NE	4.1
7	58.01	57.48	25.3	31	Calm	S 1	S	----	----
8	57.28	57.08	25	29	Calm	N 1	SSE	Variable	3
9	57.89	56.83	24.4	28.8	S 1	Calm	S	----	52.5
10	57.32	57.21	23.4	26.4	Calm	Calm	----	SE	3.8
11	57.75	56.89	23.8	28.5	Calm	SbyW 1	SSW	SW	----
12	57.82	56.98	24.2	26.4	WbyN 2	Calm	----	----	7.1
13	56.91	56.71	24	23.2	Calm	Calm	----	----	42.6
14	57.27	57.25	24.6	24.5	Calm	Calm	----	SbyE	4.1
15	58.40	57.89	24	28.5	Calm	Calm	----	----	1.3
16	58	56.66	24.7	30.6	Calm	NE 2	----	SEbyE	.3
17	56.43	56.03	25	30.6	N 1	NE 1	NEbyN	ENE	----
18	56.43	55.80	26.2	25.1	NE 2	S 1	----	----	2.6
19	57.08	56.77	24.4	30.3	ESE 3	ESE 2	SE	SE	.3
20	57.73	57.16	25.4	29.4	ENE 1	NE 2	E	NEbyE	11.7
21	58.16	56.61	25	29.5	Calm	ENE 3	----	E	.3
22	57.13	56.12	26.4	29.4	Calm	SE 2	----	SE	7.7
23	57.03	55.78	24.6	30.6	Calm	SW 1	----	ENE	----
24	55.95	55.07	25.3	31	Calm	N 1	----	NE	1.5
25	55.39	54.70	24.9	27.8	NNE 1	WSW 1	NW	SSE	22.1
26	56.30	55.17	23.3	29.3	W 1	SW 2	WNW	SWbyS	5.1
27	56.65	56.52	24.8	32	Calm	SE 1	SbyE	----	7.9
28	57.48	56.63	26.5	28.5	Calm	SE 1	SE	----	5.1
29	56.80	56.64	23.8	28.8	Calm	Calm	----	NW	9.1
30	57.95	56.78	24.4	26.7	SW 1	Calm	SE	WNW	33.3
31	57.21	56.41	24	28	Calm	Calm	SSE	----	----
Mean	57.20	56.53	24.6	28.8	0.4	1	----	----	----
Total	----	----	----	----	----	----	----	----	227.3

YAP, (WESTERN CAROLINES).

[ϕ=9° 29′ N; λ=138° 08′ E; barometer above sea, 31.85 meters; gravity correction not applied, —1.87 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.10	55.89	25	30.3	Calm	SE 1	-----	S	-----
2	57.89	56.56	25.5	28.5	Calm	E 1	SW	W	-----
3	57.18	56.05	25.4	25	Calm	NNW 1	-----	-----	14.2
4	56.07	55.76	24.2	27	NE 1	SW 1	SEbyE	-----	1
5	56.80	56.17	24.4	28.1	Calm	Calm	SE	-----	-----
6	56.86	56.01	24.6	29.4	Calm	Calm	-----	ENE	1.8
7	56.41	55.61	24	30.5	Calm	NE 2	SEbyE	SEbyE	4.6
8	56.83	56.74	27?	27.6	Calm	SSE 1	NW	SEbyE	25.1
9	58.09	56.54	24.5	28.7	Calm	N 1	S	-----	6.3
10	57.75	56.99	25.5	26.7	NE 1	N 1	E	-----	3.5
11	57.13	56.68	25	31.4	Calm	SEbyE 1	SEbyE	SE	23.1
12	56.86	57.03	24.5	26.5	Calm	SSW 3	-----	ENE	45.2
13	57.91	56.66	23.4	29	ENE 1	NE 2	ESE	E	12.4
14	57.19	57.03	26	30.5	E 2	Calm	ESE	-----	30
15	58.20	57.48	25.7	30.5	Calm	E 1	-----	SSE	.5
16	57.75	57.06	25.2	32	Calm	SE 1	SE	ENE	-----
17	58.63	57.57	25	28.5	N 1	Calm	-----	-----	6.6
18	59	57.66	24.1	29.5	Calm	NE 2	S	-----	3
19	57.96	57.28	24.7	30.4	Calm	WNW 1	-----	WSW	4.8
20	57.85	56.51	25.1	31	Calm	NNW 1	-----	-----	5.8
21	57.61	57.48	24	24.5	Calm	Calm	-----	-----	31.3
22	58.37	57.16	23.7	26.1	Calm	Calm	WNW	-----	1.8
23	57.20	55.88	24.4	30.4	Calm	S 2	-----		10.4
24	55.56	54.96	23.2	23.7	Calm	Calm	S	WbyN	83.3
25	56.29	55.82	22.7	26.7	Calm	Calm	S	-----	5.6
26	57.23	56.43	25.1	31.4	Calm	SE 1	S	-----	-----
27	57.03	56.58	24.7	31.9	Calm	WNW 1	-----	NW	-----
28	56.78	55.62	25.5	28.7	NNW 1	NW 1	NW	NW	12.7
29	55.75	55.71	23.5	26.4	WbyN 1	WNW 2	WNW	WNW	32.2
30	57.66	56.95	23.4	26.7	Calm	SW 1	WNW	-----	14.5
31	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	57.30	56.53	24.6	28.6	0.3	1	-----	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	379.7

OCTOBER.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	58.65	57.37	23.5	28.3	Calm	Calm	WNW	SW	0.3
2	58.51	58.65	24.5	26.4	Calm	SW 2	ESE	SEbyE	19.3
3	58.51	57.65	24.5	27.1	Calm	NE 1	-----	SE	3.3
4	58.94	57.62	24.4	31	Calm	Calm	-----	-----	8.9
5	57.90	55.69	24.3	28.3	NW 1	WNW 3	WNW	WNW	6.8
6	55.92	55.53	26	25.2	SW 1	SSW 3	WSW	-----	17.8
7	58.07	57.88	27.1	30.4	S 1	S 2	SbyE	SbyE	5.1
8	59.38	58.64	25	26	Calm	S 3	ESE	ESE	2.8
9	58.95	57.35	24.5	26.8	Calm	NW 1	E	EbyN	12.2
10	57.65	57.18	24.4	30.5	Calm	SSW 1	SE	SSE	-----
11	58.08	57.51	26	29.6	Calm	SSW 2	S	SSW	.5
12	58.81	57.93	24.4	28	Calm	Calm	-----	SE	2
13	59.56	58.36	24.1	30.8	Calm	Calm	SE	SE	-----
14	59.30	57.81	24	30.6	Calm	NE 1	-----	EbyN	-----
15	58.93	57.78	24.8	31.7	Calm	NNE 1	-----	-----	.3
16	58.18	57.10	25.6	30.9	Calm	NW 1	NW	NW	-----
17	58.94	57.29	25.4	27.6	Calm	Calm	-----	-----	.8
18	58.95	57.63	25.1	30.6	Calm	Calm	-----	NWbyW	14
19	58.80	57.73	24.3	29	Calm	Calm	-----	WSW	21.4
20	58.20	57.54	24.4	30.8	Calm	Calm	-----	SE	.5
21	58.35	56.86	24.8	31.2	Calm	E 1	-----	ESE	-----
22	57.88	56.94	24.8	28.6	Calm	N 1	ENE	ENE	11
23	56.83	56.04	24.5	27.4	Calm	NNE 1	-----	NW	1.3
24	57.18	56.58	24.7	31.4	Calm	Calm	S	SSW	-----
25	58.03	57.09	24.7	31.6	Calm	Calm	-----	-----	2
26	57.80	56.31	24.5	28.8	Calm	Calm	-----	-----	4.1
27	56.39	54.84	25.4	31.3	Calm	Calm	-----	-----	16.5
28	55.29	55.47	23.2	24.4	Calm	WbyN 3	ENE	WNW	50.8
29	56.44	56.33	25.5	27.4	S 2	SE 1	S	SSE	.5
30	56.55	54.97	24.4	31.5	N 1	NE 1	-----	ENE	1.3
31	55.08	53.83	24.7	31.5	NNW 1	N 1	-----	ESE	-----
Mean	57.94	56.95	24.8	29.2	0.2	1	-----	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	203.5

NOVEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	55.80	54.78	25	30.4	NNE 1	ENE 1	ESE	-----	-----
2	57.39	56.48	25.5	29.7	Calm	NW 1	S	-----	-----
3	57.65	55.84	24.8	28.5	NNE 1	NE 3	SEbyE	ENE	-----
4	56.48	55.08	26.1	29.9	NE 2	NE 3	EbyS	EbyS	10.4
5	56.50	55.53	27	30.8	ENE 4	ENE 3	EbyS	ESE	-----
6	56.60	55.25	25.1	30.3	NNE 1	NE 2	-----	ENE	2
7	56.45	55.75	25	28.4	NE 2	Calm	EbyS	ESE	42.4
8	56.41	55.38	23.8	26.1	Calm	SW 2	ESE	-----	24.1
9	56.08	55.06	24.4	30.4	Calm	SW 1	SE	SSE	8.1
10	55.92	54.47	26.2	29.8	SW 1	S 2	SSE	SSE	2
11	55.41	55.62	25.4	24.4	SE 2	ESE 2	SE	SE	14.2
12	56.55	55.89	26	28.8	E 2	S 1	SE	SbyW	9.7
13	57.93	56.65	25	30.5	NE 3	EbyN 2	-----	WNW	-----
14	56.50	54.72	26	27.1	NNE 2	NbyE 3	ENE	-----	3.6
15	54.98	54.35	22.8	29.4	NNE 1	E 1	ESE	SE	6.1
16	56.32	55.91	26.7	29.9	ESE 4	EbyS 3	SE	SE	4.1
17	57.35	56.05	25.4	28.8	ENE 1	NE 3	SEbyE	ENE	2
18	57.09	55.33	24.5	28.8	NE 1	NE 3	-----	E	16.3
19	54.94	54.04	24	26.3	Calm	NNE 2	ESE	-----	3.3
20	55.41	55.02	25.8	28.6	Calm	E 1	SSE	-----	23.4
21	56.38	55.66	26	28.7	ESE 2	ENE 3	SE	ESE	5.8
22	57.43	56.88	25	26.6	E 1	Calm	-----	-----	25.6
23	56.86	55	24.6	27.8	N 1	N 4	-----	ENE	17.3
24	56.29	54.22	24.8	27.5	NE 1	NE 5	ESE	ENE	1.8
25	55.35	54.25	26	27.6	NE 4	NE 5	ENE	ENE	.3
26	55.40	55.08	25	28.5	NE 6	NE 5	-----	-----	-----
27	56.05	55.21	25.6	28.4	NE 4	NE 3	-----	ENE	-----
28	56.15	54.69	25.4	29.4	NNE 2	NNE 2	NE	-----	26.7
29	55.06	54.65	24.4	26.2	NNE 1	ENE 3	-----	E	2.3
30	55.06	54.34	25	26.6	NNE 1	NNE 2	ENE	ENE	5.8
31	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	56.26	55.24	25.2	28.5	1.7	2.4	-----	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	257.3

DECEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	54.93	53.84	26.7	28	ENE 6	EbyN 6	ESE	E	6.8
2	56.13	55.43	26	29	NE 3	NE 3	-----	-----	-----
3	57.42	56.53	26	28.6	NE 4	NE 4	ESE	EbyN	-----
4	57.97	56.83	25.7	29.1	NE 3	NE 2	-----	E	.5
5	57.73	56.87	25.7	28.8	NE 2	NE 4	EbyS	-----	9.1
6	57.98	56.51	25.7	28.6	NE 2	NE 3	SE	E	1.5
7	55.75	54.86	25.3	29.4	NE 2	SE 1	-----	SE	7.7
8	56.29	55.52	24.5	31	Calm	NE 1	-----	-----	-----
9	56.55	55.26	24.2	29.5	NE 1	NE 1	-----	Variable	3.5
10	56.08	55.23	25.5	28.4	NE 2	NE 3	ENE	E	7.4
11	56.33	55.25	24.6	28.3	NE 1	NE 3	-----	E	10.6
12	55.71	55.41	24.7	27	NE 1	NE 1	-----	-----	35.3
13	56.04	54.44	23.5	26.5	NNE 1	NE 1	-----	-----	2.3
14	55.42	55	23.7	23.3	N 1	N 1	ENE	ESE	61
15	54.69	54.18	24.5	28	Calm	S 2	SE	SSE	10.2
16	55.91	55.14	25.8	28.6	Calm	S 2	S	-----	1.5
17	54.96	53.41	27	29.2	S 2	SW 2	S	WSW	5.5
18	53.85	53.33	26	29.8	SW 1	SSW 1	S	S	2.3
19	53.93	52.90	26.5	30.4	E 2	ESE 2	SE	ESE	.5
20	54.01	53.96	27.2	29.7	ENE 4	SE 2	EbyS	SE	2.1
21	55.13	55.36	27.1	29.3	ESE 2	SE 1	-----	-----	18.8
22	57.06	56.41	24.6	30.8	Calm	SE 1	SSE	-----	-----
23	57.18	56.31	26.2	30.2	Calm	E 1	SE	SE	-----
24	57.88	56.86	26.6	30.8	E 1	ENE 1	SE	-----	-----
25	59.05	58.06	24.7	29.8	NE 1	NE 1	ENE	ENE	-----
26	59.20	57.03	26	29.4	NE 2	ENE 3	ENE	ENE	1
27	58.28	56.78	25.5	29	NE 1	NE 3	ENE	-----	-----
28	58.47	56.93	26.1	29.4	NE 2	ENE 2	ESE	ESE	4.8
29	58.05	56.33	23.7	29.4	NNW 1	NNE 2	NEbyE	ENE	-----
30	56.62	55.20	24	29.2	N 1	N 3	-----	ENE	-----
31	57.30	55.95	24.5	29	N 1	N 1	ENE	ENE	.3
Mean	56.51	55.52	25.4	29	1.6	2.1	-----	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	192.7

MAASIN.[1]

[ϕ=10° 08′ N ; λ=124° 50′ E ; barometer above sea, 7.3 meters ; gravity correction not applied, —1.85 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.					*mm.*
1	58.30	57.10	22.7	29.4	N 1	E 2	E	E	------
2	59.89	57.30	23.2	28.9	N 1	W 1	NE	NW	------
3	60.30	58.72	23.6	27.8	N 1	E 2	NE	E	30
4	60.26	58.70	23.4	26.6	N 1	E 3	E	E	20.8
5	59.89	57.83	23.1	29.7	N 1	E 3	NE	NE	------
6	59.14	57.70	23.8	28.8	N 1	E 3	E	E	13.2
7	57.74	56.51	23.4	26.8	N 1	E 2	E	E	------
8	57.52	56.06	22.6	28	N 1	E 2	E	E	------
9	56.60	55.91	25	28.8	N 1	E 4	NE	E	------
10	57.66	56.19	24.5	28.6	N 1	N 2	E	NE	------
11	56.79	55.41	24.1	28.6	N 1	E 5	E	E	------
12	56.87	56.04	24.4	27.5	N 1	N 2	NE	NE	8.1
13	57.02	55.68	22	28.8	N 1	E 2	E	------	------
14	56.69	56.50	24.5	26.8	N 1	NW 1	E	N	19.3
15	58	56.74	23.4	27.4	N 1	WSW 2	NW	N	------
16	58.89	57.75	22.4	27	N 2	N 2	S	NE	7.9
17	58.79	56.72	23.2	27.8	N 1	SE 1	NE	NE	5.6
18	57.89	56.66	23.4	27	N 1	E 2	E	E	49.5
19	58.47	57.65	23	27	N 1	E 1	E	NE	34.8
20	59.37	58.54	23	27.6	N 1	E 1	E	E	------
21	59.69	58.92	23.2	27	N 1	N 1	E	NE	------
22	59.78	58.60	23	27.5	N 1	SE 1	E	E	27.9
23	60.08	58.11	22.8	28.2	N 1	SE 1	NE	E	3.6
24	59.12	58.35	21.4	27.2	N 1	SW 1	E	NE	8.9
25	59.47	58.34	22.8	27.7	N 1	W 1	S	N	------
26	59.17	58.50	23.8	29.2	N 1	E 2	NE	NE	------
27	60.14	59.11	22.8	29.4	N 1	E 2	NE	NE	12.2
28	60.20	58.62	23.7	26.7	N 1	E 1	NE	NE	------
29	58.92	57.87	24	26.8	N 1	N 2	NE	E	------
30	58.89	57.90	24.3	29.4	N 1	E 2	E	E	------
31	58.84	57.54	23.8	29.6	N 1	E 2	E	W	------
Mean	53.72	57.47	23.4	28	1	1.9	------	------	------
Total	------	------	------	------	------	------	------	------	241.8

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.					*mm.*
1	59.24	58.51	23	26.1	N 1	E 1	NE	NE	62.7
2	59.94	58.97	22	26.1	N 1	E 1	NE	NE	92
3	59.79	59.51	23.6	24.9	N 1	E 2	NE	NE	73.7
4	59.59	57.81	23.4	28	N 1	E 3	NE	NE	------
5	58.62	56.97	23.4	29.1	N 1	E 1	NE	NE	16.5
6	58.29	56.91	23.5	28.5	N 1	E 3	E	NE	------
7	58.64	57.01	23	28.4	N 1	E 2	N	E	------
8	57.62	56.82	23.8	28	N 1	NE 1	NE	E	------
9	57.02	56.18	22.3	29.1	N 1	E 2	E	------	------
10	57.77	56.81	24	28.2	N 1	SE 3	NE	SE	------
11	58.44	56.85	23	29.3	N 1	E 2	E	SE	------
12	58.09	56.80	22.6	27	N 1	NE 1	NE	E	14.9
13	58.77	58.04	24.6	25.4	E 3	E 2	NE	NE	------
14	59.39	57.65	23.2	26.2	N 1	E 2	E	E	13.2
15	59.69	57.82	24	26.6	N 1	SE 2	SE	E	20.8
16	58.82	56.89	24.6	28.2	N 1	E 2	E	NE	------
17	58.09	56.17	23.6	28	N 1	SW 2	E	N	8.6
18	58.29	57.02	23.6	27.4	N 1	W 2	E	N	------
19	58.87	58.01	23.8	28.2	N 1	W 1	E	SW	------
20	60.29	59.42	24	26.5	N 1	SW 1	E	NE	49.3
21	60.18	58.42	24	27.4	N 1	E 3	NE	N	------
22	59.90	58	22	27.3	N 1	SW 2	E	SE	------
23	59.85	57.87	22.3	27.6	N 1	W 1	W	NW	------
24	59.02	58.03	22.4	28	N 1	W 2	E	NE	------
25	58.72	57.82	23	27.5	N 1	SE 1	E	E	------
26	58.64	57.68	25	29	N 1	E 2	E	E	------
27	58.59	56.95	23.2	27.4	N 1	W 1	E	E	8.7
28	58.04	57.30	23.6	29	N 1	E 1	E	NE	------
29	------	------	------	------	------	------	------	------	------
30	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------
Mean	58.86	57.58	23.4	27.6	1.1	1.8	------	------	------
Total	------	------	------	------	------	------	------	------	360.4

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.					
1	58.37	57.42	23	28	N 1	E 1	W	E	6.6
2	57.39	56.33	22.6	27	N 1	Calm	NE	SE	------
3	57.23	56.41	24	28.2	N 1	E 1	NE	N	------
3	58.64	57.29	24.4	28.9	N 1	NE 1	S	NE	------
5	58.90	57.78	22.5	29.5	N 1	E 3	E	E	------
6	59.69	57.78	21.6	29.4	N 1	E 2	S	E	------
7	59.26	57.69	22	27.4	N 1	E 1	E	NE	------
8	58.97	57.52	23	26.6	N 1	SE 1	NE	E	------
9	59.38	58.73	23.2	26.9	N 1	N 1	NE	NE	------
10	60.59	59.45	23	29.2	N 1	N 1	E	E	------
11	60.84	59.55	22	28.4	N 1	N 1	SE	NE	------
12	61.32	59.14	23.1	27.4	N 1	W 1	E	N	------
13	60.47	59.45	23.4	27.5	N 1	E 1	NE	E	------
14	60.13	59.45	22.3	26.5	N 1	S 1	NE	E	3.3
15	59.74	57.61	23	28.2	N 1	SE 1	SE	E	------
16	56.96	55.67	24.4	26	NW 2	NW 3	NW	NW	------
17	56.49	55.67	23.4	26.6	N 1	SW 5	NW	SW	------
18	57.72	56.60	24.1	29.2	N 1	S 2	SW	SW	------
19	57.97	56.53	22.4	28.5	N 1	S 2	SE	SW	------
20	59.39	57.46	24.8	28.2	N 1	S 2	SW	E	------
21	59.63	57.90	23.2	30	N 1	SE 1	S	SW	------
22	59.07	58.27	25.4	27.3	N 1	SE 4	E	E	9.1
23	58.97	58	22.5	28.6	N 1	S 2	SbyW	SW	------
24	60.09	58.60	24	30.6	N 1	E 2	S	------	------
25	60.51	59.23	25.3	29	N 1	E 4	SbyW	W	3
26	60.70	60.46	24	25	N 1	N 1	NE	NE	10.2
27	59.92	57.97	24.6	30	N 1	N 2	E	NE	20.8
28	58.74	57.35	24.4	30	N 1	E 3	E	------	------
29	58.67	57.20	24.8	29	N 1	E 4	E	E	------
30	57.38	56.85	24	27.5	N 1	SE 2	E	E	------
31	58.27	56.72	24.4	27	N 1	E 1	NE	E	31.5
Mean	59.08	57.81	23.5	28.1	1	1.8	------	------	------
Total	------	------	------	------	------	------	------	------	84.5

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°C.					*mm.*
1	58.43	57.13	24.8	29	N 1	E 2	W	E	21.8
2	58.79	57.10	23.4	28.9	N 1	S 1	NE	SE	9.9
3	58.67	56.92	23	26.4	N 1	NE 1	NE	E	37.1
4	57.72	56.03	24	28.1	N 1	E 1	E	E	------
5	58.26	56.79	24.2	29.6	N 1	E 4	E	E	14.5
6	58.17	57.72	23.6	26.8	N 1	N 1	SW	E	4.6
7	58.94	57.23	23.8	28.8	N 1	SE 1	E	E	8.4
8	58.57	57.57	23.6	27.8	N 1	Calm	E	NE	------
9	58.30	57.15	22.5	28	N 1	SSW 2	S	SW	------
10	58.27	56.79	23.4	29.3	N 1	SE 1	E	------	------
11	58.67	57.17	23	31.4	N 1	N 1	E	------	------
12	57.98	57.11	22.7	30	N 1	SW 0	S	NE	------
13	58.54	57.79	24.6	27.6	N 1	E 1	E	E	------
14	58.90	58.10	25	29	N 1	SE 2	E	E	------
15	60.34	58.17	25	28	N 1	SE 3	E	E	------
16	59.77	58.25	25.2	29.9	N 1	E 2	E	------	------
17	58.74	56.74	23.4	29	N 1	SW 1	E	NE	------
18	------	------	------	------	------	------	------	------	------
19	------	------	------	------	------	------	------	------	------
20	------	------	------	------	------	------	------	------	------
21	------	------	------	------	------	------	------	------	26.9?
22	------	------	------	------	------	------	------	------	49.3?
23	------	------	------	------	------	------	------	------	------
24	------	------	------	------	------	------	------	------	------
25	------	------	------	------	------	------	------	------	------
26	------	------	------	------	------	------	------	------	------
27	------	------	------	------	------	------	------	------	------
28	------	------	------	------	------	------	------	------	------
29	59.25	57.89	25.6	30.5	N 1	E 3	SE	------	------
30	59.63	57.95	23.5	30.8	N 1	E 2	E	------	------
31	------	------	------	------	------	------			
Mean	58.73	57.35	23.9	28.9	1	1.5	------	------	------
Total	------	------	------	------	------	------	------	------	------

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[1] This station was temporarily closed from April 18 to 28.

MAASIN.

[ϕ=10° 08′ N ; λ=124° 50′ E ; barometer above sea, 7.3 meters ; gravity correction not applied, —1.85 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.							mm.
1	59.14	57.35	23.9	27	N	1	NW	1	S	SW	------
2	58.09	56.05	24.2	28.5	N	1	W	1	E	N	------
3	57.72	56.07	24	27.5	N	1	NE	1	SW	NE	------
4	58.07	55.99	24.3	27.5	N	1	Calm		E	NE	16.3
5	57.07	55.32	24.5	29.5	N	1	NW	2	E	NW	56.1
6	56.85	55.63	25.1	28.5	N	1	SW	5	NW	SW	------
7	56.95	56.24	26	28.4	SW	4	SE	3	SW	S	------
8	57.33	55.58	25.3	29.5	N	1	SW	2	SW	S	------
9	57.10	55.43	26	28.7	N	1	S	2	------	W	------
10	57.45	55.64	25.8	28.5	N	1	SE	1	SW	NE	------
11	57.87	56.34	25.4	29.5	N	1	S	1	SW	E	24.4
12	58.15	56.78	25.8	28.6	N	1	N	1	SW	NE	------
13	57.73	55.95	25	29.2	N	1	ESE	1	NE	NE	------
14	57.32	55.74	24.6	29	N	2	SE	2	SW	SW	------
15	58.32	56.66	25.2	29.2	N	1	SW	3	S	SW	------
16	58.77	57.45	24.6	29.2	N	1	S	1	E	------	------
17	59.70	57.43	26	29.5	N	1	SSW	1	SW	SW	------
18	59.02	57.71	25.5	29	N	1	S	1	SW	SW	------
19	59.37	57.73	25.5	28.6	N	1	S	1	S	NbyE	------
20	60.32	58.73	25.2	28.2	N	1	S	1	W	NbyE	------
21	60.11	58.03	25	29	N	1	SE	3	SbyW	SE	------
22	59.52	57.25	25.8	29.9	N	1	SE	3	W	SW	------
23	58	56.62	25.5	30.6	N	1	S	2	E	SW	10.7
24	57.98	56.45	25	29.5	N	1	SE	2	SW	SW	------
25	58.32	57.49	25.5	28.6	N	1	Calm		SW	SW	------
26	59.26	57.36	26.8	28.7	SSW	2	SW	4	NE	NE	------
27	57.68	56.55	27	30.3	SW	3	SE	1	SW	SW	------
28	58.13	56.35	26	29.6	N	1	SE	1	SW	SWbyW	------
29	58.87	57.78	26.1	29.3	N	1	SE	1	NE	SW	------
30	58.92	57.31	25	28.2	N	1	S	1	SE	NE	25.1
31	58.77	56.85	24	28.5	N	1	E	1	NE	E	------
Mean	58.32	56.71	25.3	28.9		1.2		1.6	------	------	------
Total	------	------	------	------	------		------		------	------	132.6

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.							mm.
1	58.25	56.93	25.2	29.7	N	1	SE	1	SE	SWbyW	------
2	58.46	56.25	25	30.3	N	1	SE	3	SW	SE	------
3	57.68	55.83	24.8	31	N	1	SSE	2	SbyW	E	8.1
4	57.02	55.79	24.7	28.7	N	1	SE	4	E	SE	------
5	57.65	57.07	26.4	30.5	N	1	E	2	E	E	------
6	59.01	57.70	25.2	30	N	1	SE	1	S	E	4.6
7	58.90	57.52	24.6	29.9	N	1	SSW	1	E	NE	------
8	58.57	57.93	25	29	N	1	SE	1	E	SW	------
9	58.58	57.30	26	30.9	N	1	E	3	E	N	------
10	59.08	58.43	25.6	29.9	N	1	SE	2	NE	E	------
11	59.55	58.35	25	30	N	1	SE	2	SbyW	E	------
12	60.06	58.23	26	31	N	1	E	3	S	W	------
13	58.66	57.12	25	30	N	1	SE	2	S	E	------
14	58.97	58.25	25.5	30	N	1	E	3	SbyW	W	------
15	58.40	57.97	25.4	27.8	N	1	N	1	W	NE	30.5
16	58.35	57.05	25	31.8	N	1	E	2	E	E	23.6
17	58.46	57.14	25.3	28	N	1	E	2	E	E	------
18	57.82	56.23	24.8	29.2	N	1	SW	1	E	SW	------
19	58.29	57.34	24.5	28.1	N	1	E	1	E	E	8.6
20	58.37	57.15	25.2	27.6	N	1	SE	1	SE	E	------
21	58.37	56.54	23.6	29	N	1	SE	1	SE	SE	------
22	58.17	56.75	24	29.7	N	1	E	2	SE	E	------
23	56.71	55.95	24.6	28.5	N	1	SE	1	NE	SE	------
24	57.01	55.79	25	27.5	N	1	SE	1	E	NE	------
25	57.07	56.14	24.5	27.6	N	1	WSW	2	SE	NE	------
26	57.68	56.55	24	28.8	N	1	E	0	E	SW	58.4
27	57.67	56.81	24.4	29	N	1	S	1	E	SW	10.7
28	58.64	57.31	24	28.5	N	1	S	1	SE	SWbyW	24.9
29	58.17	57.92	24	27	N	1	S	1	SEbyS	SE	51.8
30	58.39	57.15	24.3	27	N	1	SE	1	SE	W	------
31	------	------	------	------	------		------		------	------	------
Mean	58.27	57.08	24.9	29.2		1		1.6	------	------	------
Total	------	------	------	------	------		------		------	------	221.2

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.							mm.
1	57.62	56.92	23.8	27.4	N	1	S	1	SW	SE	------
2	58.01	57.71	24.2	28.6	N	1	S	1	SE	W	------
3	58.24	57.48	24.6	28.7	N	1	SE	1	SE	SW	------
4	58.62	57.61	26	29	SW	2	SE	1	SW	------	------
5	60	59.03	26.4	30.5	N	1	SE	1	S	SW	46.7
6	60.45	59.29	24.2	28.6	N	1	SE	2	SW	NE	------
7	60.64	59.30	24.6	28.5	N	1	S	1	E	E	------
8	60.45	59	24.8	28.5	N	1	S	1	SW	SWbyW	------
9	59.42	57.88	24.5	29	N	1	S	1	SW	SW	------
10	59.42	57.85	24.6	29	N	1	SW	2	SbyW	SW	6.1
11	58.70	58.07	25.2	27.5	N	1	SW	2	SE	SW	31.5
12	59.02	57.20	24.6	28.5	N	1	SSW	2	SW	SW	9.1
13	58.26	55.89	24.8	29.8	N	1	S	1	SW	SW	16.3
14	56.02	55.01	24.6	28.4	N	1	SW	4	SE	SW	8.1
15	56.92	56.05	24.8	28.6	N	1	SW	4	SEbyS	SW	------
16	58.12	56.73	26.4	29.5	SW	2	S	2	SW	W	------
17	58.12	57.28	24.6	29.5	N	1	SSW	2	SW	SW	------
18	58.52	57.29	26	31	N	1	NW	1	SbyW	NE	------
19	57.40	55.85	26.1	30.2	N	1	E	4	E	E	------
20	57.27	56.50	25	29.7	N	1	SE	2	S	SW	------
21	59.26	58.07	25.1	29.5	N	1	SW	2	S	E	38.9
22	58.57	56.93	23.5	29.4	N	1	E	2	E	E	------
23	57.08	55.20	25	29.5	N	1	S	1	SWbyW	NE	9.1
24	56.17	55.24	24.3	28.1	N	1	SSW	1	SbyW	NE	14.8
25	56.17	55.46	24.8	28	N	1	NW	1	SW	NW	------
26	57.45	56.45	25	29.2	N	1	S	1	SW	SWbyW	------
27	58.36	56.83	25.4	29.7	N	1	S	1	SE	SW	------
28	57.90	56.78	25	28.8	N	1	SW	5	SW	NE	45.7
29	57.17	56.35	24.2	28.6	N	2	SW	3	SW	SW	------
30	57.95	56.95	25.4	29.5	N	1	SSW	2	E	SW	------
31	58.80	57.63	25	29.5	N	1	S	1	SW	SW	------
Mean	58.26	57.09	24.9	29		1.1		1.8	------	------	------
Total	------	------	------	------	------		------		------	------	226.3

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.							mm.
1	58.20	57	24.8	29.4	N	1	SSW	2	SE	SW	------
2	57.45	56.38	24.5	28.6	N	1	S	1	SW	NE	------
3	57.60	56.35	24.7	28.4	N	1	SW	2	S	SW	31.7
4	57.72	56.71	23.8	28.4	N	1	SW	1	NbyE	W	36.6
5	58.44	57.28	24.5	28.8	N	1	S	1	SW	SW	------
6	58.32	57.05	24.2	29.2	N	1	SW	2	SW	SW	------
7	58.10	56.56	24.8	29	N	1	SW	2	SW	SW	21.1
8	58.03	57.20	24.2	28.5	NW	2	SE	1	SE	SE	------
9	57.93	57.31	25.6	29	SW	1	SW	3	SW	SW	------
10	58.29	56.98	24.5	29	N	1	SW	2	SW	SW	------
11	58	57.15	25	28.8	N	1	SW	2	SbyW	SW	30.5
12	58.57	57.31	24.8	28.2	SW	2	SW	2	SW	SW	50.3
13	58.25	55.90	24.4	29	N	1	SW	4	NE	SW	40.1
14	57.86	56.35	24.6	28	SW	1	SW	2	SW	SW	34.5
15	58.97	56.48	23.4	29.7	N	2	SW	1	NE	SW	8.1
16	59.12	56.51	24	28.3	NW	2	S	1	NW	W	------
17	57.22	56.48	24.5	30	N	1	S	1	SW	SW	------
18	57.71	56.38	25	29.5	N	1	SE	2	SbyW	SW	------
19	57.39	56.73	24	29.3	N	1	W	3	SEbyS	SW	------
20	57.59	56.55	24.5	28.5	N	1	SE	2	SW	E	------
21	58.53	56.66	24.8	28.6	N	1	SE	3	SE	SW	------
22	58.59	57.45	24.2	27.9	N	1	S	2	SE	E	------
23	57.72	56.35	23.7	29	N	1	SSW	2	W	W	------
24	57.11	55.91	24.5	29	N	1	SE	2	SbyW	SW	------
25	56.17	55.31	24.5	29	N	1	SE	1	SWbyW	SW	------
26	56.56	55.55	24.3	29.4	N	1	SW	2	E	SWbyW	------
27	57.25	56.27	24.7	30.2	N	1	S	1	SW	W	------
28	57.84	56.55	25	30.1	N	1	S	1	W	W	15.7
29	57.80	56.68	25	29.5	N	1	S	2	SW	W	31.5
30	58.03	56.75	24.8	28.6	N	1	SW	4	SW	SW	------
31	57.15	56.31	25	29.2	N	1	SW	3	SW	W	------
Mean	57.86	56.60	24.5	29		1.1		1.9	------	------	------
Total	------	------	------	------	------		------		------	------	300.1

MAASIN.

[φ=10° 08′ N; λ=124° 50′ E; barometer above sea, 7.3 meters; gravity correction not applied, —1.85 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.							mm.
1	56.95	56.23	27	29.5	SW	3	S	2	SW	SW	------
2	57.75	56.28	27	29.3	S	2	SW	3	SW	W	------
3	57.53	55.98	27.2	29.4	SW	5	SW	3	SW	SW	17.5
4	57.02	55.85	26.5	28.8	SW	3	SW	4	SW	SW	------
5	56.80	56.15	27.2	29.2	SW	2	S	2	SW	SW	------
6	56.80	55.65	25	29.3	N	1	SE	2	SW	SW	10.2
7	56.95	55.75	26	29.6	SW	2	S	2	SW	SWbyW	7.9
8	57.45	56.48	25.4	29.6	N	1	SE	1	S	E	------
9	58.65	56.98	24.5	29.4	N	1	SE	2	W	NbyE	32
10	58.96	57.06	24.5	28.5	N	1	S	1	W	W	------
11	58.12	57.43	24.2	29	N	1	SE	2	SE	S	------
12	58.67	57.66	23.9	29	N	1	SE	2	NbyE	E	------
13	58.44	56.99	24.7	28.8	N	1	E	1	SE	NE	22.4
14	58.77	57.03	23.6	28.8	N	1	SE	2	SW	W	13.2
15	58.48	57.07	23.4	26.7	N	1	W	1	E	SW	49
16	57.89	56.96	23	28.4	N	1	SE	2	SW	W	4.6
17	58.47	57.08	23.8	28.8	N	1	E	1	W	SW	------
18	60.22	58.85	24.6	29.2	N	1	S	1	SE	NbyE	6.6
19	59.42	57.73	24.6	28.2	N	1	SW	1	S	SE	------
20	57.82	56.65	24.6	26.2	N	1	W	2	NE	W	97
21	57.84	56.83	24.8	28.5	NW	2	S	1	NW	W	------
22	58.78	57.43	24.6	29	N	1	SSW	1	SW	SW	------
23	58.57	56.88	25	28.6	N	1	S	1	SWbyW	NE	13.2
24	57.62	55.31	23.4	28	N	1	SW	2	SE	SW	------
25	56.67	55	25	28.5	N	1	S	1	SW	NW	12.2
26	57.02	55.46	24.1	27.9	N	1	SW	2	SW	NE	16.8
27	57.05	55.31	25.6	28	SW	2	SW	5	SW	SW	------
28	55.78	55.29	25	28.5	N	1	SW	5	SW	SW	------
29	56.66	55.34	27	29	SW	3	SW	5	SW	SW	------
30	58.04	57.45	27	29.1	SW	3	SW	2	SbyW	W	------
31	------	------	------	------	------		------		------	------	------
Mean	57.87	56.54	25.1	28.7		1.6		2.1	------	------	------
Total	------	------	------	------	------		------		------	------	302.6

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.							mm.
1	59.05	57.58	25	29	N	1	S	1	S	SW	34.3
2	58.47	58.55	24.5	25.5	SW	2	Calm		SW	SW	58.4
3	58.10	57.45	24.4	28	N	1	SW	4	SW	SW	------
4	59.09	58.80	26	28.4	SW	3	SW	2	SW	W	------
5	59.57	58.11	24	29.4	N	1	S	1	SbyW	W	------
6	58.82	56.85	24.2	28.4	N	1	Calm		S	NE	28.2
7	58.27	57.31	24	29	N	1	SW	2	SE	S	30.7
8	59.19	58.08	27	28.6	SW	3	SE	5	S	SW	------
9	59.22	57.83	25	28.9	N	1	S	1	SW	SE	45.7
10	59.09	57.60	23.4	29	N	1	S	1	SW	SE	------
11	59.32	58.48	24	28.6	N	1	S	1	SbyW	S	------
12	59.07	58.45	23.4	28.5	N	1	S	1	S	NE	------
13	59.77	57.51	23.9	29.1	N	1	S	2	SW	NbyE	------
14	59.57	57.88	24.5	29.4	N	1	SE	2	S	SW	------
15	59.67	59.21	24.8	28.2	N	1	SE	2	W	SE	21.3
16	60.03	57.83	24	30	N	1	SE	1	S	SW	------
17	59.57	58.50	25	29.1	N	1	S	1	SE	SW	------
18	60.07	59.28	24.5	30.5	N	1	SE	1	E	E	------
19	59.78	58.54	23.8	28.7	N	1	SW	2	E	E	------
20	59.17	57.84	23.8	29.1	N	1	S	1	SE	NE	------
21	59.23	57.65	23.8	27.7	N	1	S	1	NE	SE	------
22	58.89	57.73	23.3	29.6	N	1	SE	2	SbyW	NE	------
23	58.77	57.09	24	28.5	N	1	Calm		E	E	12.2
24	58.17	57.15	23.8	29.7	N	1	E	2	E	E	------
25	59.28	57.95	24.4	28.4	N	1	S	1	E	E	------
26	59.79	57.35	24	29.2	N	1	SW	2	NE	SWbyW	------
27	58.47	57.02	24.4	27.2	N	1	S	1	E	E	18.6
28	57.49	56.34	24	28.1	N	1	S	1	E	E	------
29	57.40	56.57	24	26.8	N	1	Calm		E	E	13.5
30	57.29	54.76	24	28	N	1	NW	2	E	NW	55.9
31	53.99	51.17	23.6	26.2	NW	3	W	3	NW	W	116.1
Mean	58.83	57.50	24.3	28.5		1.2		1.5	------	------	------
Total	------	------	------	------	------		------		------	------	434.9

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.							mm.
1	49.43	51.88	25.6	26.8	SW	7	SW	6	SW	SW	109.7
2	56.85	56.36	25.8	28.6	E	3	E	3	NE	SW	------
3	58.18	56.94	25	30.5	N	1	E	2	E	E	------
4	58.29	57.01	23.7	29	N	1	SW	2	E	NE	6.9
5	58.38	56.86	23.5	28.1	N	1	SW	1	E	SW	18.8
6	58.42	56.66	23	28.4	N	1	E	1	NE	E	------
7	58.24	57.21	23.7	28	N	1	W	1	NE	E	------
8	58.49	56.53	23.6	29.6	N	1	E	2	E	NE	------
9	58.57	56.06	24	28.4	N	1	W	1	E	NW	20.8
10	57.09	55.77	23.8	25.6	N	1	N	1	E	E	29.5
11	57.42	55.28	23.5	28.1	N	1	NW	1	W	NW	------
12	57.04	54.75	23.8	29.1	N	1	NW	2	NW	NW	------
13	56.17	54.59	25	28.5	N	1	SW	3	NW	SW	------
14	57.34	55.36	23.6	28.4	SE	3	S	1	SE	E	17
15	56.62	55.48	24.4	29.1	N	1	S	1	S	NE	------
16	57.04	56.07	24.6	24.8	N	1	Calm		NE	E	37.1
17	58.04	56.42	23.5	28	N	1	S	1	E	SW	------
18	58.89	56.71	23.5	28.1	N	1	S	1	S	N	9.1
19	57.69	56.72	23.4	26	N	1	SW	1	E	NE	61.7
20	57.04	55.08	23	29.3	N	1	NW	2	NE	N	17.8
21	56.11	54.90	24.2	28.4	N	1	W	2	NW	W	45.2
22	56.65	55.55	24.8	28.4	N	1	SE	2	W	W	------
23	58	56.36	25	28.1	N	1	Calm		SW	E	------
24	58.07	57.20	24.4	27	N	1	N	1	E	W	9.9
25	57.89	56.02	23.2	27.7	N	1	E	2	E	E	35
26	57.82	56.39	23.3	28.8	N	1	S	1	NW	S	39.9
27	58.09	57.12	23.1	25	N	1	SE	1	E	E	79.5
28	57.28	55.92	23	24	N	1	NW	1	NE	NW	143.5
29	57.72	55.67	22.6	26	N	2	N	1	NE	NW	47.2
30	57.80	56.20	23	28.8	N	1	SE	1	NE	W	------
31	------	------	------	------	------		------		------	------	------
Mean	57.36	55.97	23.9	27.8		1.4		1.5	------	------	------
Total	------	------	------	------	------		------		------	------	728.6

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.							mm.
1	58.01	57.05	23.5	26	N	1	Calm		NE	NE	18.1
2	57.70	55.09	23.2	25.2	N	1	N	1	NE	NE	59.4
3	54.14	53.93	24.6	28	NE	5	NE	5	NE	E	------
4	58.37	57.91	25	28.5	E	3	E	2	E	E	------
5	59.89	58.35	24.8	29	N	1	E	4	E	E	------
6	59.87	58.57	23.5	26.2	N	1	E	3	NE	E	------
7	58.18	56.75	24	27.6	N	1	E	1	E	E	------
8	58.12	56.91	21.6	28.4	N	1	SW	2	E	NE	------
9	57.74	56.25	23	28.4	N	1	NW	1	SE	NE	------
10	59.77	56.75	24	26.4	N	1	N	1	E	E	18.3
11	57.94	56.97	23	26	N	1	Calm		NE	NE	31.5
12	57.89	57.04	23	25.4	N	1	N	1	NE	NE	30.2
13	57.84	56.14	23.6	27.5	N	1	SW	1	E	E	7.1
14	57.82	56.42	23.5	28.4	N	1	SW	1	NE	E	------
15	57.44	56.57	24	27.4	N	1	SW	1	E	NE	------
16	58.42	57.59	23.4	27.4	N	1	S	1	E	E	------
17	58.44	57.17	22.8	26.4	N	1	N	1	E	NE	46.7
18	58.99	57.76	23	28.4	N	1	SW	1	E	E	------
19	58.82	57.95	24.6	27	N	1	SW	1	E	NE	------
20	58.89	57.67	23.4	26.6	N	1	W	1	E	E	------
21	57.92	56.42	23	26.6	N	1	NW	1	NE	NW	41.4
22	56.48	55.25	24.8	26.6	NW	2	W	2	NW	W	49.5
23	56.37	55.55	24.4	26.6	N	1	SW	2	NW	W	------
24	57.29	56.10	24	29	N	1	E	2	E	E	------
25	59.57	57.80	24	28.8	N	1	E	2	E	E	------
26	59.52	57.68	23.5	29	N	1	E	1	E	E	------
27	60.42	58.66	24.6	28.8	N	1	SW	1	NE	SW	15.2
28	60.55	59.10	23.1	29.6	N	1	E	2	E	E	------
29	60.17	58.13	24.4	29.8	N	1	E	2	E	E	8.6
30	59.02	57.98	23.4	28.7	N	1	E	2	E	E	42.9
31	58.74	57.81	22.8	28.8	N	1	E	1	E	E	------
Mean	58.40	57.07	23.7	27.6		1.2		1.5	------	------	------
Total	------	------	------	------	------		------		------	------	368.9

SAN JOSE BUENAVISTA.

[ϕ=10° 44′ N; λ=121° 55′ E; barometer above sea, 6 meters; gravity correction not applied, −1.84 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6. a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	57.61	56.69	23	30.5	Calm	WNW 1	E	------	------
2	58.50	56.25	21	29.9	NNE 1	W 1	------	------	------
3	59.43	57.84	22.3	30.5	Calm	NE 1	------	E	1
4	60	58.02	23.5	30	NNE 1	Calm	E	E	------
5	59.85	56.94	22.9	29.9	Calm	N 2	------	E	------
6	57.96	56.52	23	32	Calm	ESE 2	------	E	------
7	57.23	55.76	22.9	27.5	Calm	Calm	------	NE	.3
8	57.15	54.95	21	29.9	NNE 1	Calm	------	E	------
9	56.31	55.21	22.5	28.4	NNE 1	NE 1	E	E	------
10	56.69	55	21	30.5	NNE 1	WSW 2	------	E	------
11	55.83	54.21	22	31.1	Calm	NE 1	E	E	------
12	55.84	55.36	21.5	29.4	N 1	NNE 1	------	E	------
13	55.55	55.03	20.6	31	NNE 1	W 1	------	------	------
14	56.41	56.05	21	30.2	NNE 1	S 1	------	E	------
15	57.32	56.33	21	31	Calm	S 1	------	E	------
16	57.85	56.98	20.9	30.5	NNE 1	NNW 1	------	NE	------
17	58.07	56.38	21	31.2	NNE 1	W 2	------	------	------
18	57.74	56.16?	21.6	29.7	NNE 1	NE 2	E	E	------
19	58.11	56.91	23	29	Calm	N 2	E	E	------
20	58.93	58.07	24	28.5	NNE 1	N 1	E	E	------
21	58.41	57.81	21.8	31.3	NNE 1	W 2	------	------	------
22	59.39	58.46	23	31.2	Calm	W 2	------	------	------
23	59.82	57.82	19.6	30.8	NNE 1	W 2	------	------	------
24	59.16	58.09	20.5	31	NNE 1	WNW 1	------	E	------
25	59.32	57.97	21.6	31	NNE 1	NW 2	------	------	------
26	59.05	58.36	21.4	31.4	NNE 1	NNW 2	------	E	------
27	59.68	59.23	22.1	30.8	Calm	NNW 2	NE	E	.8
28	60.33	58.70	23.4	27.6	Calm	N 3	------	E	------
29	58.97	57.72	21.4	30	Calm	NNE 2	------	------	------
30	59.42	58.21	22	27.6	Calm	NNW 2	E	E	8.4
31	59.13	57.34	22.6	27.6	Calm	N 2	NE	NE	4.6
Mean	58.23	56.92	21.9	30	0.5	1.5	------	------	------
Total	------	------	------	------	------	------	------	------	15.1

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6. a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	59.20	58.72	23.5	27	Calm	N 2	NE	N	3.8
2	59.90	59.25	23.9	25.1	N 2	NNW 3	NE	NE	.5
3	60.11	58.46	22.8	28.5	Calm	NNE 2	NE	NE	1.3
4	58.95	57.86	22.8	28.5	Calm	NE 2	E	E	------
5	58.22	56.76	21.9	30	NNE 1	NW 1	------	E	------
6	57.11	56.23	22.7	31.4	Calm	SW 1	------	E	------
7	58.15	56.69	21.6	31.4	NNE 1	WSW 2	------	NNE	------
8	57.30	56.67	22.3	30.5	NNE 1	W 2	------	E	------
9	56.44	55.83	23.3	30.7	NNE 1	W 1	------	------	------
10	57.33	56.21	22.5	31.5	Calm	W 1	------	------	2
11	57.58	56.33	24	30.7	Calm	W 2	------	E	------
12	57.17	56.24	21.5	31.6	Calm	W 2	------	E	------
13	57.80	57.15	22.8	29.8	NNE 1	W 2	------	E	------
14	58.60	56.85	23	31.7	Calm	W 2	E	E	4.8
15	58.25	57.26	23.7	30.2	NNE 1	WSW 2	E	E	------
16	57.90	57.11	23.4	27.6	NNE 1	Calm	E	E	1.5
17	57.43	56.07	23	31.4	NNE 1	SSW 1	------	E	------
18	57.55	56.18	22.6	31.8	Calm	W 2	------	E	------
19	57.54	57.67	23.8	31.4	NE 1	W 2	E	E	------
20	59.30	58.43	23.9	26.2	NNE 1	Calm	NE	E	------
21	59.01	58.07	22.5	30.2	Calm	W 1	------	E	------
22	58.95	57.83	20.9	31.4	NNE 1	WSW 1	------	------	------
23	59.36	58.02	20	31.9	NNE 2	N 2	------	NE	------
24	58.67	57.53	21.5	31.5	NNE 1	WNW 1	E	------	------
25	58	56.51	21.2	30.5	NNE 1	W 2	E	------	------
26	57.94	57.93	22.2	29.5	Calm	WSW 1	------	------	4.8
27	57.81	56.99	22	28.8	Calm	Calm	E	E	2.5
28	56.38	56.44	22.5	29.4	Calm	W 2	------	------	------
29	------	------	------	------	------	------	------	------	------
30	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------
Mean	58.14	57.19	22.6	30	0.6	1.5	------	------	------
Total	------	------	------	------	------	------	------	------	21.2

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6. a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	57.16	57.19	20.2	30.9	NNE 1	W 2	------	------	------
2	56.13	55.49	22.2	31.3	NNE 1	WSW 2	E	------	------
3	57.23	56.62	22.2	31	NNE 1	N 2	E	E	------
4	58.07	57.19	24	30.5	NNE 1	WSW 2	------	N	------
5	57.89	57.98	21.8	32.5	NNE 2	W 2	------	E	------
6	59	58.01	22	31.2	NNE 2	W 2	------	E	------
7	58.03	57.19	22.7	28.4	NNE 2	Calm	E	NE	2.3
8	58.11	57.56	23	27	ENE 1	Calm	------	E	1.3
9	59.21	57.91	22.4	29.9	Calm	S 1	------	E	------
10	59.98	59.61	22.5	27.5	NNE 1	Calm	NE	NE	6.4
11	60.09	59.14	20.6	31.1	NNE 2	SW 2	NE	------	------
12	60.81	58.79	22	31.7	NNE 1	SW 2	------	E	------
13	59.37	58.58	21.9	29.4	NNE 1	N 1	------	E	------
14	59.79	59.31	22.8	30.4	NNE 2	SW 1	E	E	------
15	59.34	58.10	23	29.2	NNE 1	N 1	E	E	------
16	57.82	57.01	21.6	28.9	NNE 1	N 3	------	------	1.5
17	56.89	55.74	24	31	NNE 1	NNE 1	NNW	------	------
18	57.15	56.39	23.5	29.5	NNE 2	S 2	------	------	13
19	57.54	56.26	22.4	29.5	NNE 2	SW 3	------	------	------
20	58.71	57.83	22.5	29	NNE 2	Calm	------	E	3.3
21	59.06	57.89	23	28.7	NNE 1	Calm	------	E	12.2
22	58.50	57.71	22.5	26.3	NNE 1	NNE 1	E	E	3.3
23	58.99	58.30	22.3	31	NNE 2	W 2	------	E	------
24	59.30	58.46	22.7	31.9	NNE 1	WSW 1	------	NNW	------
25	59.74	58.59	22.6	32.7	NNE 1	W 2	N	E	------
26	60.69	59.04	22.9	32	NNE 1	W 2	E	------	------
27	58.99	57.18	22.9	31.5	Calm	W 2	E	E	------
28	58.43	56.60	22	33.5	ENE 1	W 2	------	E	------
29	57.30	56.32	23.2	33.4	Calm	NNW 2	------	E	------
30	56.63	56.16	22.6	32.4	Calm	W 2	------	E	------
31	56.45	55.97	24.3	31.8	Calm	W 1	E	E	------
Mean	58.46	57.55	22.5	30.5	1.1	1.5	------	------	------
Total	------	------	------	------	------	------	------	------	43.3

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6. a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	57.22	56.72	24	32.5	NNE 1	N 2	NW	E	------
2	58.20	56.83	23	32.5	Calm	NNW 2	------	------	------
3	57.71	57.01	22.4	32.5	Calm	WSW 1	------	E	------
4	57	55.61	24.6	27.3	NNE 1	Calm	------	E	3.6
5	57.08	56.13	24.6	32.5	Calm	NNW 2	E	E	------
6	58.01	56.36	22.4	32.1	NNE 1	WNW 1	E	E	------
7	57.80	56.76	24.5	33.1	NNE 1	W 2	E	E	------
8	58	56.90	24	33	Calm	W 2	E	------	------
9	57.26	56.77	23	32.5	NNE 1	W 2	------	E	------
10	57.94	56.62	23	32.4	NNE 1	WSW 2	------	E	------
11	57.70	56.80	23	34	NNE 1	SW 1	------	E	------
12	57.04	56.75	21.4	32.9	NNE 1	W 2	------	------	------
13	57.85	57.42	22	32.5	NNE 1	W 2	------	E	------
14	57.73?	57.63	24.5	32.2	NE 1	WSW 1	------	E	18.8
15	58.47	58.37	25	31.6	Calm	N 2	E	E	------
16	58.10	57.66	23.4	33	NNE 1	N 2	------	E	------
17	57.95	57.14	23	33.5	N 2	W 2	------	E	------
18	57.17	55.84	24.5	32.4	NNE 1	W 2	------	NW	------
19	56.69	55.77	24.4	32.5	NNE 2	NW 2	------	NW	------
20	57.01	55.78	23.4	32.5	NNE 2	WNW 1	------	E	------
21	57	55.16	23.3	33	N 2	NW 1	------	NW	------
22	56.10	56.10	25	26.5	NNE 2	Calm	NE	NNW	4.5
23	56.08	55.75	23.9	28	Calm	Calm	N	NW	26.2
24	56.95	57.37	24.2	26.2	SE 2	Calm	------	------	10.4
25	58.86	57.69	23	30.3	NNE 1	SSW 3	------	E	------
26	58.93	57.92	23.4	31.7	N 2	WNW 2	------	E	------
27	58.58	57.60	23.8	30.9	NNE 1	W 2	------	E	2
28	58.14	57.38	23	32.9	NNE 1	W 2	------	E	------
29	58.37	57.44	24	32	Calm	WSW 2	------	E	4.8
30	58.24	57.84	23	31.4	Calm	Calm	------	E	1
31	------	------	------	------	------	------	------	------	------
Mean	57.64	56.84	23.6	31.7	1	1.5	------	------	------
Total	------	------	------	------	------	------	------	------	71.3

SAN JOSE BUENAVISTA.

[ϕ=10° 44′ N; λ=121° 55′ E; barometer above sea, 6 meters; gravity correction not applied, —1.84 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and forcc (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	58.39	57.17	23.9	33.5	NNE 1	W 2	------	E	2.5
2	57.60	56.59	24	28.2	NNE 1	Calm	------	E	6.6
3	57.89	55.99	23.1	31.5	NNE 1	WSW 2	------	E	39.9
4	57.83	55.78	23.5	31.8	NNE 2	W 2	NNE	------	.5
5	57.48	55.72	24.4	31.4	NNE 1	NNE 2	------	E	------
6	57.04	56.30	23.5	28.9	NNE 1	Calm	------	W	3.8
7	56.60	55.98	27.3	31.5	WSW 2	SW 2	WSW	SW	3.8
8	56.55	55.65	24.9	30.5	NNE 1	Calm	W	W	2.3
9	56.78	55.49	23.8	31.4	NNE 2	SW 1	------	------	11.9
10	57.07	55.78	24.8	29.1	NNE 1	Calm	------	W	------
11	57.94	55.93	25.5	31.8	WSW 2	W 2	W	NW	2
12	57.73	56.88	24.5	29.2	N 2	W 1	------	NW	------
13	57.30	55.83	23.4	32.1	NNE 2	WSW 1	------	------	------
14	57.02	55.98	24.3	32.5	NNE 2	WSW 2	------	W	2.8
15	57.68	56.73	24.2	31.7	NNE 2	W 1	------	------	------
16	58.22	57.67	24	32	NNE 2	W 2	------	E	------
17	59.12	57.80	24	32.5	NNE 1	WSW 1	------	W	------
18	59.79	58.54	23.6	33	NNE 2	WSW 1	------	W	.5
19	59	58.22	24	30.7	NNE 2	SW 1	------	E	1.3
20	59.90	58.72	24.2	31	NNE 2	S 2	------	E	------
21	59.07	58.49	24.2	31	NNE 1	SW 2	------	E	------
22	59.28	57.49	24.3	31.9	NE 1	SW 1	------	E	------
23	57.72	57.06	24.2	30	NNE 1	SW 1	------	SW	18
24	57.39	56.53	24	30	Calm	SSW 3	SW	SW	15.2
25	57.48	57.63	24	26.3	NNE 1	SW 1	------	SW	31.7
26	58.69	57.82	24	30.8	NNE 1	SW 2	SW	SW	------
27	56.95	56.98	23.2	30.6	NNE 2	SW 1	------	SW	2.8
28	57.77	56.74	24.7	30	NNE 1	SW 1	WSW	SW	3.8
29	58	57.65	24.3	31	NNE 2	SW 1	------	------	------
30	58.52	57.65	24.8	28.8	NNE 1	Calm	------	------	7.1
31	57.92	57.06	23.9	27.7	NNE 1	Calm	------	W	5
Mean	57.93	56.90	24.2	30.7	1.4	1.2	------	------	------
Total	------	------	------	------	------	------	------	------	161.5

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	57.85	56.77	24	30.7	NNE 1	SW 1	S	------	------
2	57.74	56.46	23.7	31.9	NNE 2	NNW 2	------	E	------
3	57.08	55.30	24.1	30.4	NNE 1	N 1	------	------	7.6
4	55.91	54.94	23.5	30.6	N 1	Calm	------	E	------
5	56.47	56.41	25	32.4	NNE 1	NNW 2	------	E	29.2
6	58.26	57.29	23	31.2	NNE 1	W 1	------	E	------
7	58.43	57.68	24	32	NNE 1	Calm	------	E	14
8	58.43	58.11	23.9	29.6	NNE 2	Calm	------	E	1.3
9	58.63	57.97	24.2	29.6	NE 2	Calm	------	E	7.9
10	58.94	57.72	23	31.8	NNE 1	WSW 2	------	E	------
11	58.94	58.56	24.2	27	Calm	Calm	E	E	11.4
12	59.24	58.59	24.1	27.5	NNE 1	Calm	------	E	26.5
13	57.61	57.19	23.1	30.5	NNE 1	NNW 1	------	E	------
14	58.03	57.39	24.3	31.5	NNE 2	WSW 1	------	E	.8
15	57.84	56.99	24	31.5	NNE 1	Calm	E	E	------
16	57.09	56.72	25	32.5	NNE 1	W 1	------	E	4.3
17	58.49	56.83	24.4	29.8	NNE 1	ENE 1	E	E	19.6
18	56.62	56.67	24	31	Calm	Calm	E	------	------
19	57.10	56.48	25	26.4	Calm	SSW 2	------	SW	10.4
20	57.93	56.56	24	29.1	Calm	SSW 2	------	------	------
21	57.69	56.65	25	28.5	NE 1	Calm	------	E	13.2
22	58.24	56.70	23.2	27.1	NNE 1	Calm	------	E	19.4
23	56.77	55.36	24	26.6	NNE 2	Calm	------	E	10.6
24	56.27	55.14	25	29	SSE 3	Calm	S	------	1.8
25	56.75	56.50	24	28.1	Calm	Calm	S	S	2.1
26	57.28	56.76	24.2	28	Calm	SSW 1	SW	S	7.9
27	57.30	56.21	23.1	29.4	NNE 2	SSW 3	------	S	56.6
28	57.98	57.06	24.3	27.8	NNE 2	SSW 1	------	SW	8.9
29	58.33	56.78	23.5	29.5	NNE 1	WSW 1	------	------	3
30	58.33	57.16	24.2	28.5	N 1	Calm	W	------	------
31	------	------	------	------	------	------	------	------	------
Mean	57.72	56.83	24	29.6	1.1	0.8	------	------	------
Total	------	------	------	------	------	------	------	------	256.5

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and forcc (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	57.30	57.21	23.3	30	NNE 2	Calm	W	W	24.6
2	58.03	57.59	23	29	NE 2	SW 1	W	W	1.3
3	58.13	57.76	23.4	30.4	NNE 2	SW 1	W	SW	7.4
4	57.22	57.37	24.6	28.9	N 1	SW 1	SW	SW	------
5	59.18	58.64	23.1	30.4	N 2	SW 1	------	E	------
6	60.35	59.05	23.1	30.5	NNE 2	W 1	------	E	2
7	59.81	59.02	23.7	26.9	NNE 1	Calm	------	WSW	27.2
8	60.50	59.25	23.8	26.7	NNE 2	NNE 2	------	------	51.3
9	59.24	58.11	22	30	NNE 1	S 1	SW	SW	.8
10	59.01	58.15	23	30.4	NNE 2	W 1	------	SW	------
11	58.73	57.99	23.5	30.5	NNE 2	SW 2	------	SW	------
12	58.84	57.58	24	29	NNE 1	Calm	W	------	6.6
13	57.53	56.11	23	29.5	NNE 2	SW 1	------	SW	2.5
14	55.88	55.43	24	24.8	Calm	Calm	W	SW	57.7
15	57.38	55.81	22.6	29.5	Calm	SSW 1	WSW	------	1.3
16	57.46	56.65	23.5	30.1	NNE 1	SSW 2	SSW	------	------
17	57.90	57.54	24.1	30.1	NNE 1	Calm	------	SW	------
18	58.15	57.26	23	30.1	NNE 2	Calm	------	------	------
19	57.65	55.57	23.2	31	Calm	NE 1	------	E	------
20	56.63	56.13	23.2	31.9	NNE 1	W 2	------	E	------
21	58.45	57.74	23.9	31	NNE 1	NNW 1	------	NW	.1
22	57.60	57.04	24.1	31.6	NNE 1	Calm	E	------	------
23	56.50	55.87	24.4	25.6	NNE 2	NNE 2	------	W	7.8
24	55.92	55.51	25	27.7	Calm	Calm	S	W	7.6
25	56.20	55.86	23.1	25.7	NNE 1	Calm	------	------	2
26	56.81	56.34	23	30.7	Calm	Calm	------	E	4.3
27	57.80	56.86	22.1	30.7	NE 1	Calm	------	E	------
28	57.57	56.80	24.3	30.4	NNE 1	W 1	E	------	1.8
29	56.98	56.63	24.7	26.5	Calm	SW 2	------	SW	28
30	57.34	56.91	23.9	30.1	NNE 1	SSW 1	S	SSW	1.3
31	58.25	57.02	24	27.9	NNE 1	SW 1	S	S	3
Mean	57.88	57.12	23.5	29.3	1.2	0.8	------	------	------
Total	------	------	------	------	------	------	------	------	238.6

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	57.74	56.66	22.9	30	N 2	WSW 1	------	------	1
2	57.11	56.71	23.5	26.5	NNE 1	Calm	NW	WSW	5.6
3	56.91	56.20	23.5	28.2	NNE 1	Calm	SW	W	76.8
4	57.84	57.27	23.5	28.3	WSW 2	W 1	------	W	4.5
5	57.67	57.34	24.6	29.5	W 1	SSW 2	W	WSW	2.1
6	58.10	57.81	24.2	27.8	NNE 1	WSW 1	W	WSW	.3
7	57.89	56.93	23	30.5	NNE 2	W 1	------	W	.8
8	57.59	57.48	23.5	26.1	NNE 1	Calm	------	NNW	33.8
9	57.55	57.29	23.1	29	NNE 2	WSW 2	------	SW	72.1
10	58.46	57.01	23.5	29.5	Calm	WSW 2	SW	------	12.4
11	57.50	56.94	23.5	29	NNE 1	SSW 2	E	------	1.8
12	58.78	58.01	24.2	28.5	Calm	WSW 2	NE	NE	.5
13	57.60	56.46	23.5	30.1	NNE 1	WSW 1	W	W	12.7
14	56.80	56.48	23	30	Calm	WSW 2	------	E	39.4
15	57.99	57.17	24	28	Calm	WSW 1	S	------	3
16	57.63	56.51	23.5	30.3	NNE 1	W 1	------	E	------
17	56.70	56	23.5	31	NNE 1	W 2	E	E	------
18	57	56.42	24	30.9	NNE 2	NNW 2	------	E	3.3
19	56.90	56.57	23.5	31.2	NNE 1	W 1	------	E	------
20	56.94	55.71	23.6	30	NNE 1	SW 1	E	SW	47.8
21	57.25	56.36	23.5	30	Calm	SW 2	E	------	13.5
22	58.34	57.10	23.7	28.6	NNE 1	Calm	SW	------	23.1
23	57.58	56.79	23	28.3	N 1	Calm	------	NW	10.2
24	57.15	55.39	23.1	30	N 1	WNW 1	------	NE	------
25	55.31	55.10	23	30.3	NNE 1	Calm	------	E	------
26	55.93	55.09	24.4	31.5	NNE 1	WSW 1	------	W	------
27	57.23	56.58	24.3	31	NNE 2	W 2	N	E	------
28	57.83	56.72	24	30.6	NNE 1	NNW 1	SW	NW	4.1
29	58.18	57.06	24.2	30.2	Calm	W 1	N	W	.3
30	57.91	57.05	25.5	30	SW 1	SW 2	SW	SW	38.9
31	56.79	56.31	24	27.3	NNE 1	S 2	SSW	SSW	11.9
Mean	57.43	56.66	23.7	29.4	1	1.2	------	------	------
Total	------	------	------	------	------	------	------	------	419.9

SAN JOSE BUENAVISTA.

[ϕ=10° 44′ N; λ=121° 55′ E; barometer above sea, 6 meters; gravity correction not applied, —1.84 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	56.75	55.81	23.7	29.7	NNE 1	SW 1	SW	SW	9.2
2	57.19	56.16	25	30	Calm	SSW 2	SW	SSW	.8
3	56.87	56.41	25.5	27.7	NNE 1	Calm	WSW	WSW	28
4	56.68	55.39	24.5	29	Calm	SSW 3		SSW	5.5
5	55.82	56	26	24.7	Calm	Calm	SW	SW	21.1
6	55.75	55.44	23.1	29	NNE 1	SSW 3		SSW	14.7
7	55.90	55.39	23.6	30.6	NNE 1	SSW 2		SSW	20.6
8	56.73	56.86	24	29.9	NNE 1	SW 1	SW	E	.5
9	57.84	57.34	24.1	27.7	NNE 1	Calm	E	E	1.5
10	58.17	57.63	24.7	27.5	NNE 1	Calm	E	E	4.8
11	57.89	57.46	24.1	27.8	Calm	Calm	E	E	
12	58.55	57.20	23.8	29.5	NNE 1	W 2		E	29
13	58.53	56.96	22.5	27.6	NNE 1	Calm		W	50.1
14	58	56.91	23	27.7	Calm	Calm	E	W	19.3
15	57.58	56.34	23.9	29.1	Calm	SSW 1		SW	24.6
16	56.70	56.33	24.1	27.2	Calm	WSW 1	W	SSW	60.9
17	58	58.37	23	25.5	NNE 1	WSW 2		SSW	13.3
18	59.45	59	23.5	29	NNE 1	Calm		W	
19	59.25	57.09	23.3	30.5	Calm	W 1		NW	1.3
20	57.33	56.56	22.9	24.6	NE 2	Calm		SW	29
21	57.23	57.12	25	25	SW 2	SW 1	SW	SW	13.2
22	58.57	56.77	22.3	31	NNE 2	SW 2			
23	58.29	57.55	23.7	28	NNE 1	Calm		E	3.6
24	57.05	55.23	23	29.5	NNE 1	W 1	E		5.6
25	56.60	54.99	23.5	28.5	Calm	Calm		W	11.9
26	57.05	55.54	23.4	28.6	Calm	WSW 2		NW	143.3
27	58.15?	55.70	23.6	27.7	Calm	W 1	NW	W	98
28	56.43	55.08	23.5	24.5	Calm	Calm	WSW	SW	75.7
29	54.76	54.47	25.9	25.9	SSW 5	SSW 5	SW	SW	46.7
30	57.06	57.15	22.8	28.7	NNE 2	SW 2	WSW	SW	26.7
31									
Mean	57.34	56.48	23.8	28.1	0.9	1.1			
Total									758.9

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	59.03	57.80	24	30.2	NNE 1	SW 1	SSW	SW	5.1
2	58.50	58.13	23.2	26.3	NNE 1	Calm	WNW	NW	42.2
3	57.98	57.98	22.5	25	NNE 1	Calm		W	10.4
4	58.95	58.82	23	28.3	Calm	Calm	W		.8
5	59.63	58.19	22.5	29.1	NNE 2	Calm	NW		
6	58.80	56.92	23.5	30.1	NNE 1	NNW 1		NW	
7	58.18	57.33	24	29	NNE 1	N 1		N	5.3
8	58.70	58.23	23.6	29.1	Calm	Calm		W	7.6
9	59.30	57.76	24	28	NNE 1	Calm	NE	W	
10	58.69	57.49	23.9	28.5	NNE 1	Calm	E	E	1.8
11	58.89	58.01	23	29.9	NNE 1	SW 1		E	
12	58.85	58.47	23	24.5	NNE 1	NNE 2		NW	2.3
13	58.85	57.21	22.5	29.6	NNE 1	Calm		NE	27.9
14	59.26	57.85	23.4	29.5	Calm	WSW 1	E	WNW	45
15	59.60	58.95	23.2	27.9	NNE 1	Calm		E	
16	59.53	57.68	23.2	30.6	NNE 2	W 2		E	
17	59.75	58.05	23.7	30	NNE 1	Calm		E	
18	59.85	59.62	23	25	NNE 2	Calm	E	N	13.4
19	59.50	58.25	22	30.3	Calm	W 1		E	
20	58.78	57.75	23	31	NNE 1	Calm		E	
21	58.75	58.31	23.5	25	NNE 1	NNE 2	ENE	E	8.1
22	58.75	57.75	23.2	27	Calm	Calm		E	9.9
23	58.33	57.64	23.5	29	NNE 1	Calm	E	E	
24	57.98	56.18	24.4	30.5	NNE 1	Calm		E	3.3
25	59.04	57.34	24	28.6	Calm	W 1		E	
26	58.99	56.58	23	31	NNE 1	NNW 1	E	E	
27	58	56.68	23.4	29.9	NNE 1	Calm		E	12.7
28	58.16	56.39	22.6	28.7	ENE 2	Calm		E	9.9
29	56.80	55.79	22.9	30.7	NNE 1	W 2		E	
30	57.22	55.37	23.8	27	NNE 1	Calm		NE	1.6
31	54.52	52.56	23.6	28.5	NNE 1	NNW 2	W		26.7
Mean	58.62	57.45	23.3	28.6	0.9	0.6			
Total									234

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	50.74	44.68	25	24.9	N 2	NNW 7	N	NNW	118.4?
2	54.97	56.37			S 3	SSW 7	S	SSW	41.4
3	58.64	57.17	23.1	27.1	NNE 1	NNE 1		E	
4	57.94	57.01	22.5	31.7	NNE 2	WSW 2		E	
5	57.93	56.96	23.1	30.7	NNE 1	W 1	NNE	E	
6	57.81	57.41	23.6	28.7	NNE 1	Calm		E	1
7	57.80	57	23.9	30.1	NNE 1	W 1	E	E	
8	58.16	56.89	24.2	30.7	NE 1	NNE 1	E	E	
9	58.22	57.38	24.1	26	Calm	NNW 2	E	E	2.5
10	57.15	55.87	26	29.6	SW 1	NW 1	E	NW	27.2
11	57.94	55.53	22.5	31	NNW 1	NW 2			
12	56.91	55.43	23.3	32	NW 1	WNW 1	NE	W	1
13	56.70	54.90	25	25.6	NW 1	NW 2	NW	NW	20.3
14	56.09	54.93	23.5	30.7	NNW 1	SW 1	NW	S	
15	56.37	55.21	24	30.7	W 1	SW 1			5.9
16	56.24	55.74	23	28.6	NW 1	SW 1		SE	
17	56.91	56.76	23.9	29.7	NW 2	SW 1	SE	SE	
18	58.86	57.08	22.9	31.7	NW 1	NNW 1		W	4.3
19	58.02	56.71	22.4	28.2	NW 1	WNW 1		S	3
20	57.05	55.86	23.1	29.4	NW 1	NNW 1		E	1
21	56.68	55.31	23.5	27.5	NW 1	NNW 2		SE	8.4
22	56.25	55.37	24.4	26.3	NW 1	S 1	S		8.1
23	57.37	56.08	23	29.6	NW 2	SW 1	S	E	.8
24	57.53	56.73	23.3	29.3	Calm	WSW 1		E	4.3
25	57.01	56.52	23.1	28.4	NNW 1	SE 2		NE	
26	57.58	56.48	20.3	27.7	NW 1	NNW 1		E	4.3
27	57.79	56.76	22.8	29	NW 1	NNW 2			8.1
28	57.15	56.67	23	26.9	Calm	Calm	N	ESE	9.4
29	57.15	56.09	22.7	27	NW 1	SE 1		ESE	.8
30	57.77	56.02	22.7	28.5	NE 1	NW 1			
31									
Mean	57.09	55.90	23.3	28.9	1.1	1.6			
Total									270.2?

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	58.01	57.02	22.4	29.5	NW 1	W 1		E	
2	57.26	55.50	22	30.5	Calm	N 3		E	1.3
3	54.46	52.48	24.5	27.2	NNW 1	NW 1	E	E	7.9
4	56.79	56.65	26.7	33.3	ESE 1	SE 1	E	E	1.8
5	58.95	58.06	23.5	29.6	S 1	NW 1	ESE	E	
6	59.44	58.10	22.5	30.7	NW 1	WSW 1		NE	
7	57.81	57	22	27.8	NNW 1	Calm		N	18.8
8	58.39	56.86	22.2	30.7	Calm	W 1			
9	57.82	56.32	20.8	28.6	Calm	NNW 2		E	
10	57.44	56.56	22.6	30.2	Calm	NW 1			
11									
12									
13	57.04	55.76	22.5	29.7	Calm	WNW 1	E	ENE	
14	56.99	55.92	22.5	31	NW 1	S 1	E	E	
15	56.99	56.55	23.6	29	NNW 1	SE 1	E	E	4.8
16	58.19	57.25	22.3	29.5	NNW 1	NNW 1	E	E	
17	57.93	57.01	21.5	28.9	ENE 1	W 1	ENE	E	.8
18	58.07	57.68	22	30.8	NNW 1	ESE 1		E	
19	58.75	57.22	22.1	31	NNW 1	NNW 1	E	E	
20	58.12	57.65	22.5	29.6	WSW 1	SSW 1		E	
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
Mean	57.69	56.64	22.7	29.9	0.7	1.1			
Total									

The rain gauge of this station was blown down by hurricane winds on November 1.
This station was temporarily closed from December 21, 1910, to Febrauay 11, 1911.

MASBATE.

[ϕ=12° 22′ N; λ=123° 36′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.79 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	59.21	58.05	23.5	30.2	Calm	E 2	NE	NE	------
2	------	------	------	------	------	------	------	------	3.8?
3	61.25	60.10	25.2	28.5	NNE 3	NE 3	NE	NE	5.1
4	61.35	60.06	24.6	26.8	SE 1	Calm	NE	NE	10.2
5	61.07	59.57	25.4	29	NNW 3	NE 4	NE	NE	26.4
6	59.77	58.87	24.8	30.2	NE 2	E 3	NE	E	1
7	58.92	57.90	25.5	29	NNE 3	NE 3	NE	NE	.3
8	58.91	57.72	24.2	27	SE 2	NNW 3	NE	N	4.5
9	58.17	57.30	24.8	27.5	NE 3	E 3	NE	E	1.1
10	58.89	57.52	24.2	27.4	Calm	E 2	NE	E	1.3
11	57.83	56.92	24	27	Calm	NE 2	NE	NE	3.1
12	57.97	57.45	24	29.2	NE 1	NE 3	NE	NE	------
13	57.76	57.05	23	29.6	NE 1	NE 3	NE	NE	------
14	57.96	57.22	24	29.2	NNW 3	E 2	NW	NE	------
15	59.12	58.37	25.2	28	NNW 3	NE 3	NE	NE	1.5
16	59.97	58.87	24.2	28.6	NNW 3	NE 3	NE	NE	3.3
17	60.19	58.52	24.5	28.2	N 3	N 3	N	N	------
18	58.99	58.49	24.8	27	N 2	NNW 4	NE	NW	5.3
19	59.70	59.19	23.4	24	NNW 3	NNW 3	NW	NW	94
20	60.69	60.34	23.5	23.8	SE 3	E 3	SE	E	37.6
21	60.73	59.82	23.5	28.5	S 1	E 2	NE	NE	------
22	60.92	59.90	23.2	28	Calm	NNW 3	NE	N	------
23	61.04	59.42	24	30	NNW 3	NE 3	NE	NE	------
24	60.52	59.30	24.2	27.5	NNW 3	NNW 3	NE	NW	------
25	60.68	59.47	23.5	28.5	NNW 3	NNW 4	NW	N	------
26	60.84	60.10	24.2	27.5	NNW 3	N 3	NE	N	1.5
27	61.89	61.49	23.2	26	N 3	N 3	NE	N	2
28	61.74	60.37	24.2	28.2	NNW 3	N 3	N	N	------
29	60.57	58.97	24.2	26.6	NNW 3	NW 3	NW	NW	------
30	59.78	58.90	23.6	25.2	NW 2	NW 4	NW	NW	15.5
31	60.44	59.24	24.2	25	N 3	N 3	N	N	62
Mean	59.90	58.88	24.2	27.7	2.2	2.9	------	------	------
Total	------	------	------	------	------	------	------	------	279.5

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	61.12	61.07	23.5	23.5	N 3	N 3	NE	N	100.3
2	62.07	61.19	23.5	25	N 4	N 4	N	NE	44.7
3	62.22	61.16	23.5	25.5	N 3	N 3	N	NE	56.6
4	60.99	59.32	23.5	27.5	NE 2	NNW 3	NE	NE	5.8
5	60.08	58.54	23.8	26	NNW 3	NNW 3	NE	NE	1.8
6	59.21	57.90	24	30.6	NNW 1	NE 3	NE	NE	------
7	59.67	58.07	24.5	30.2	Calm	E 3	NE	NE	.3
8	58.58	57.55	24.5	30.5	SE 2	SE 3	SE	E	.3
9	57.89	57.02	25	29.6	Calm	SE 3	NE	SE	------
10	58.73	57.65	24.2	30.5	SE 1	SE 3	NE	NE	------
11	59.04	57.85	23.8	30.5	SE 1	SE 2	NE	NE	------
12	58.87	57.65	23.5	26.8	Calm	NNW 3	NE	NW	34.3
13	59.73	58.51	23.4	28.2	E 2	N 3	NE	NE	.3
14	60.16	58.62	24.4	29.6	SE 2	E 3	NE	NE	.8
15	60.22	59.02	23.6	26.6	Calm	E 3	NE	NE	4.6
16	59.42	58.22	24.8	27.6	E 2	SE 3	NE	NE	9.1
17	58.92	57.20	24.6	30.5	Calm	SE 2	NE	NE	------
18	58.74	57.75	23.6	29.4	Calm	SE 3	NE	NE	.3
19	59.72	59.42	23.8	28.2	SE 1	E 2	NE	NE	2.8
20	61.09	60.25	24.6	30	E 1	E 3	NE	NE	.3
21	61.22	59.87	23.4	30.2	E 1	NE 3	NE	NE	------
22	60.78	59.25	23.5	29.2	N 3	SE 3	NE	NE	------
23	60.59	59	22.5	29	SE 1	NNW 3	NE	NW	------
24	59.97	59.80	23.2	23.8	SE 1	SE 3	NE	NE	1.5
25	60.27	58.80	23.5	29.2	Calm	NE 3	NE	NE	.5
26	59.62	59.02	25.6	28.8	NE 1	NNW 3	NE	NE	------
27	59.43	58.30	24	29.2	SE 1	NNW 3	NE	NW	------
28	58.68	58.10	23.5	29	SE 1	NE 3	NE	NE	------
29	------	------	------	------	------	------	------	------	------
30	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------
Mean	59.89	58.79	23.9	28.4	1.3	2.9	------	------	------
Total	------	------	------	------	------	------	------	------	264.3

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	59.14	58.47	23.5	30.4	E 2	SE 2	NE	NE	2
2	58.24	57.30	24.2	30.2	E 1	NE 3	NE	NE	1.5
3	58.09	57.55	23.2	30.2	SE 2	E 3	NE	NE	------
4	59.40	58.22	25.2	30.4	E 3	SE 3	NE	NE	------
5	59.59	58.72	23.5	30.6	Calm	SE 3	NE	NE	------
6	59.82	59.10	24.5	29	SE 1	E 3	NE	NE	.5
7	59.49	58.62	23.5	27.8	SE 1	E 3	NE	NE	5
8	59.94	59.66	24.2	24.5	NE 3	NE 3	NE	NE	21.6
9	60.49	60.40	23.6	24	N 3	E 3	N	NE	23.6
10	61.48	60.99	23.6	30	E 3	NE 3	NE	NE	------
11	61.17	60.40	23.2	30.5	Calm	E 3	NE	NE	------
12	61.69	60.02	24	29	Calm	NW 3	NE	NE	------
13	60.77	60.21	24	29.6	NE 3	E 3	NE	NE	1.5
14	61.09	60.92	23.5	25.6	Calm	E 3	NE	E	.3
15	60.67	59.27	24.2	27.2	NE 3	NE 3	NE	NE	------
16	58.22	56.94	24.5	24.2	W 3	NW 3	NW	NW	11.4
17	54.99	53.86	24.5	25	W 4	W 3	W	W	51.3
18	56.86	56.55	24.6	27.8	SW 3	SW 2	SW	SW	15.2
19	58.06	57.22	22.5	27.5	Calm	E 3	------	SW	.3
20	59.64	58.53	23.6	30.5	Calm	W 3	SW	SW	------
21	60.09	58.70	24.5	31	SW 2	SE 3	SE	SE	.5
22	59.93	58.85	24.5	28.5	SE 1	NE 3	NE	NE	------
23	59.52	58.87	23.6	28.5	SE 1	S 3	NE	SW	------
24	60.57	59.80	24.8	29.2	E 2	SE 3	NE	NE	------
25	61.77	60.55	24.5	30.6	NE 3	NE 3	NE	NE	1.3
26	61.82	60.91	24.5	30.6	NE 3	NE 3	NE	NE	2.5
27	60.82	59.48	25.5	30.4	NE 3	NE 3	NE	NE	------
28	59.80	58.83	25	30.6	NE 2	NE 3	NE	NE	1.3
29	59.47	58.60	25	31.4	E 3	N 3	NE	NE	------
30	58.52	58.20	25	25.5	NE 2	E 3	NE	NE	2.1
31	58.55	57.80	25.5	31	E 3	NE 3	NE	NE	3.3
Mean	59.67	58.82	24.2	28.8	1.9	2.9	------	------	------
Total	------	------	------	------	------	------	------	------	145.2

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	59.27	58.60	25	30.4	NE 2	N 3	NE	NE	------
2	59.90	58.35	24.6	31.8	Calm	E 3	NE	NE	------
3	59.39	59.22	25	24	NE 1	E 3	NE	NE	11.9
4	58.47	57.77	25.2	28.6	NE 3	NNE 3	NE	NE	3.8
5	58.87	57.87	25	30.8	N 3	NE 3	NE	NE	------
6	59.30	58.50	25	31.2	NE 1	NE 3	NE	NE	5.1
7	59.64	58.67	24	31.4	SE 1	SE 3	NE	NE	------
8	59.57	58.45	24.6	31	SE 1	NE 3	NE	NE	1.8
9	58.99	58.45	25	30	NE 3	NW 3	NE	NE	------
10	59.24	58.01	25.2	31.2	NE 2	NE 2	NE	NE	------
11	59.22	58.10	25	25.2	SE 2	E 3	NE	NE	------
12	58.87	58.05	24.8	30.8	SE 2	SE 3	NE	NE	------
13	59.29	58.70	24.6	31.4	W 3	NE 3	NE	NE	------
14	59.60	59.30	25.5	30.6	NE 1	E 3	NE	NE	------
15	60.64	59.88	26.2	31.2	NE 1	NE 2	NE	NE	------
16	60.07	59.08	25.8	31.5	NE 2	SE 3	NE	NE	------
17	59.18	57.67	23.8	30.6	SE 2	SE 3	NE	SW	------
18	57.91	56.40	23.2	31.4	SE 1	NE 3	NE	NE	------
19	57.09	56.98	25	30.6	S 2	N 3	------	NE	------
20	57.89	56.60	24.6	31	Calm	N 3	NE	NW	------
21	57.64	56.28	25.2	32.5	SE 2	N 3	NE	NE	------
22	56.99	56.42	26.5	28.4	N 2	NE 3	NE	NE	10.7
23	56.59	56.10	25.6	25	NE 2	SW 2	NE	SW	60.5
24	57.54	57.93	24.5	27.8	S 3	S 3	S	SW	16.8
25	59.62	58.60	24.8	29.8	S 1	W 3	SE	SW	10.7
26	59.95	58.90	25.5	30.5	E 2	E 3	SE	NE	------
27	59.92	58.68	26	32	E 3	SE 3	NE	NE	------
28	60	58.99	25.6	30.6	E 3	SE 3	NE	NE	------
29	60.02	58.90	25.6	31.2	E 3	SE 3	NE	NE	------
30	60.03	59.09	25	32	Calm	E 3	NE	NE	------
31	------	------	------	------	------	------	------	------	------
Mean	59.02	58.15	25	30.2	1.8	2.9	------	------	------
Total	------	------	------	------	------	------	------	------	121.3

MASBATE.

[ϕ=12° 22′ N ; λ=123° 36′ E ; barometer above sea, 3.5 meters ; gravity correction not applied, —1.79 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	59.80	58.60	25.5	30.6	E 1	E 3	NE	NE	
2	58.89	57.08	26	31.2	Calm	E 3	NE	NE	
3	58.54	57.15	25.8	28.5	S 2	N 3	NE	NE	3.8
4	58.72	57	26	29.2	Calm	NE 2	NE	NE	1
5	57.94	56.53	26.5	30.5	NW 3	NW 3	NW	NW	
6	56.27	55.39	26.6	30	SW 3	SW 3	SW	SW	
7	55.84	55.43	26.6	30.5	SW 3	SW 3	SW	SW	
8	56.07	55.26	26.5	30.6	SW 3	S 3	SW	SW	
9	56.99	55.62	26	29	SW 3	NW 3	SW	SW	12.7
10	57.49	55.93	26	31.4	SW 3	NNW 3	SW	NW	
11	58.32	56.95	25	32.6	Calm	E 3	NE	NE	
12	58.34	57.60	25.8	31.6	Calm	NE 3	NE	NE	
13	58.29	56.55	25.2	30.8	Calm	SE 3	NE	NE	
14	57.87	56.75	25.5	30.8	SW 2	SE 3	NE	NE	
15	58.14	57.15	25.6	30.8	SW 1	NNW 3	NE	NW	
16	58.60	57.60	25	28.6	SW 3	N 2	W	NW	8.6
17	58.70	57.35	26.8	30.5	SW 3	NNW 3	SW	W	20.3
18	58.84	58.30	26	28	SW 2	SW 1	SW	SW	51.6
19	59.29	57.78	25.2	31.5	SW 3	SW 3	SW	SW	
20	60.15	59.42	25.6	28.6	SW 3	NW 3	SW	SW	2
21	60.10	58.78	25	31.6	Calm	E 3	SE	SE	
22	59.78	58.03	26.5	32.8	SW 1	SE 3	SW	SE	
23	58.12	57.25	26.2	29	SE 3	SE 3	SE	SE	36.1
24	57.64	56.38	25	30	SE 3	E 3	SW	SE	1.6
25	58.02	57.48	25.6	31	Calm	S 3	SW	S	
26	58.59	57.31	27	31.6	S 2	S 3	SW	SW	
27	56.97	56.53	27.4	31.5	S 3	SW 3	SW	SW	1.5
28	57.65	56.55	27	32	SW 3	S 3	SW	SW	
29	58.60	57.85	26.5	30	SE 2	SE 3	SW	SE	11.4
30	59.38	58.38	26	32.2	Calm	SE 3	SE	SE	5.6
31	58.84	57.48	25.8	30	SW 1	E 3	SE	SE	6.4
Mean	58.28	57.14	26	30.5	1.8	2.9			
Total									162.6

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	58.62	57.91	26	28.6	SE 1	SW 3	SE	SW	26.5
2	58.75	57.03	26.5	32.2	S 3	E 3	SE	SE	9.9
3	58.32	56.95	25.8	31.5	SE 2	E 3	SE	SE	
4	57.60	56.35	26.6	30.8	E 2	E 3	SE	SE	
5	58.32	57.80	27	32	E 2	E 3	SE	SE	
6	59.85	58.60	25.5	32	W 1	SE 3	SE	SE	
7	59.57	58.40	26.6	33.2	SE 2	SE 3	SE	SE	
8	59.25	58.68	26.6	31.6	SE 2	E 3	SE	SE	
9	59.40	57.73	26.6	32	SE 2	E 3	SE	SE	
10	59.70	59.08	26.5	31.4	SE 2	E 3	SE	SE	
11	60.30	60.50	26.8	25.2	SE 3	SE 3	SE	SE	.5
12	60.82	59.38	26.6	32.4	NE 3	SE 3	SE	SE	
13	59.57		26.5		E 3		SE		
14	59.42	58.10		26.6	E 3	SW 5	SE	SE	
15	59.45	57.95	26	31.5	NE 2	E 3	SE	SE	
16	58.82	58	26.6	32.4	NE 3	E 3	NE	NE	6.4
17	58.78	57.70	26.5	31.2	E 3	SE 3	NE	NE	
18	58	57.48	26.5	30.8	Calm	SE 3	NE	NE	1.5
19	58.77	58.13	27.2	29.6	E 3	SE 3	NE	NE	
20	58.44	57.18	26	31.2	SE 1	E 3	SE	NE	8.9
21	58.74	57.35	25.2	29	SE 3	SE 3	SE	NE	
22	58.97	57.65	26.2	32.2	SE 2	E 2	NE	SE	1.3
23	57.54	56.35	25.8	30	SE 1	N 3	NE	NE	21.1
24	57.04	56	26.2	30.5	S 3	N 3	SE	N	.6
25	57.34	56.67	26	31	SE 3	N 2	SE	N	1.5
26	57.52	57.05	25.5	26.8	SW 3	SW 3	SW	SW	6.8
27	57.77	57.35	24.5	23.8	SE 1	SE 3	NE	SW	50.8
28									
29									
30									
Mean	58.77	57.74	26.2	30.4	2.2	3			
Total									

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1									
2									
3									
4									
5									
6									
7									
8									
9		58		30.2		W 3		W	
10	59.17	58.11	26.5	31.2	Calm	SW 3	SW	SW	
11	58.70	57.35	27.2	30.4	SW 3	SW 3	SW	SW	24.1
12	59.04	57.15	24.4	27.8	SW 3	SW 3	SW	SW	19.4
13	57.57	55.95	25.2	28.8	SW 3	SW 3	SW	SW	3.3
14	55.84	54.48	27	30	SW 3	SW 4	SW	SW	26.9
15	56.67	55.65	23.8	29.2	S 3	SW 3	SW	SW	1.5
16	57.24	56.24	26.8	30.5	SW 3	S 3	SW	SW	
17	57.99	57.71	26	31.4	SW 3	S 3	SW	SW	
18	59.24	58.13	25	32.4	SW 3	E 3	SW	SE	
19	58.07	57.45	26.6	29.4	SE 3	NE 3	SE	NE	
20	57.64	57.33	27.8	28.6	NE 3	WSW 3	NE	SW	
21	59.68	59.13	27	31.8	SE 3	SE 3	SE	SE	2.5
22	59.20	58.15	27.6	32.8	NE 3	NE 3	NE	NE	
23	57.62		26.5		Calm		NE		1
24	56.05	55.71	26.2	32.4	SW 3	N 3	NE	NW	
25	56	56.05	26.2	32.6	SW 3	SE 3	SW	SE	
26	57.47	56.85	25.8	31.2	Calm	NW 3	SE	NW	
27	58.72	57.23	25.8	28.2	SW 3	W 3	SW	SW	6.1
28	57.80	56.58	25	29.8	W 3	SW 3	SW	SW	2.5
29	57.02	55.81	25.8	30.8	SW 3	SW 3	SW	SW	
30	57.29	56.73	26.5	30.6	SW 3	SW 3	SW	SW	
31	58.87	57.48	25.8	31.2	SW 3	SW 3	SW	SW	
Mean	57.86	56.97	26.1	30.5	2.6	3			
Total									

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.97	57.08	26	32.2	SW 3	NW 3	SW	SW	
2	57.69	56.47	25.5	26.5	SW 3	NW 3	SW	W	26.1
3	57.39	56.45	25.5	29.5	S 3	NE 2	SW	SW	34.5
4	57.97	57.42	25	25.6	SW 3	SW 3	SW	SW	10.4
5	58.47	57.30	25	30.6	SE 2	SW 3	SW	SW	.8
6	58.74	57.40	26.2	29.4	SW 3	SW 3	SW	SW	2.1
7	57.67	56.68	27	30.6	SW 3	SW 3	SW	SW	
8	57.84	56.88	26.4	31.2	SW 3	S 3	SW	SW	
9	57.72	56.85	26.2	32.8	E 2	S 3	SW	SW	
10	58.27	56.55	26.5	31	SW 3	SW 3	SW	SW	
11	57.72	56.83	25.4	30.6	SW 3	SW 3	SW	SW	
12	58.67	57.20	26	30.4	SE 1	SW 3	SW	SW	
13	57.40	55.93	27.2	30.6	SW 3	SW 3	SW	SW	
14	56.70	56.26	27.5	30.5	SW 4	SW 3	SW	SW	
15	58.22	56.75	26.2	29.2	S 3	S 3	S	SW	.8
16	58.32	56.85	26.4	26	SW 3	W 3	SW	SW	5.1
17	57.54	56.63	25.5	30.5	SW 3	S 3	SW	SW	
18	58.09	56.98	26	32	S 3	SW 3	SW	SW	
19	57.72	57.48	26	32.8	Calm	S 3	NE	NE	
20	57.65	56.95	26.5	28.6	SW 1	E 3	NE	NE	1.8
21	58.07	57.61	26.2	26.5	SE 3	SE 3	NE	SE	
22	59.12	57.98	26	30.8	S 8	NW 3	SE	NW	.8
23	58.17	56.85	25.8	30.2	S 3	SE 3	NE	NE	.3
24	57.39	56.25	24.6	29.6	SW 3	NW 3	SW	SW	
25	56.43	55.83	26.5	29	SW 3	W 3	SW	SW	6.4
26	56.84	56.43	25.8	27.4	W 1	SW 3	SW	SW	.5
27	57.72	57.05	25.6	81.5	S 2	S 3	SW	SW	.3
28	58.50	56.53	26.2	30	SW 3	N 2	SW	SW	8.2
29	57.85	56.49	26	30.6	SW 3	SW 3	SW	SW	
30	57.70	55.91	27	31.6	S 3	S 3	SW	SW	
31	56.87	56.05	27.2	28.5	SW 3	SW 3	SW	SW	.3
Mean	57.82	56.77	26.1	29.9	2.6	2.9			
Total									98.4

This station was temporarily closed from June 28 to July 9.

MASBATE.

[φ=12° 22′ N ; λ=123° 36′ E ; barometer above sea, 3.5 meters ; gravity correction not applied, −1.79 mm.]

Day.	SEPTEMBER.									OCTOBER.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a.m.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.		6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	mm.	°C.	°C.					mm.	mm.	mm.	°C.	°C.					mm.
1	56.77	55.70	27.5	30.2	SW 3	SW 3	SW	SW	------	58.94	57.60	26.6	30.5	S 3	SW 3	SW	SW	3.6
2	57.12	55.65	27	31.6	SW 2	SW 3	SW	SW	2.5	58.33	58.17	26.2	25	W 3	S 3	W	S	60.4
3	56.92	55.99	27.2	30	SW 3	SW 3	SW	SW	3.3	57.19	57.15	24.8	27.6	S 3	SW 3	SW	SW	2
4	56.19	55.30	26.8	30.5	SW 3	SW 4	SW	SW	7.4	58.89	58.75	25.6	29.4	SW 3	SW 3	SW	SW	------
5	56.39	55.74	27	28.5	SW 3	SW 3	SW	SW	7.6	60.17	58.43	25	29.5	SW 3	SW 3	SW	SW	------
6	56.32	55.30	26.6	31.2	S 3	S 3	SW	SW	------	59.24	57.30	26.2	31	SW 2	N 3	NE	NW	------
7	56.42	55.79	26.6	32	SW 3	S 3	SW	SW	------	58.29	57.68	25.6	28	SW 3	SSW 3	SW	SW	1.5
8	57.72	57.47	26.5	27.2	SW 3	SW 3	SW	SW	1.8	58.80	57.95	26.4	30	SW 3	WSW 3	SW	SW	------
9	59.29	57.65	25.8	31.5	S 3	NW 3	SW	NW	7.9	59.27	57.77	26	27	SW 3	SE 2	SW	SW	2.6
10	59.05	57.63	25.2	28.6	SW 3	S 3	S	SW	1.5	59.42	58.35	24.6	26.2	S 1	NW 3	SW	NW	2.8
11	58.72	58.13	26.2	30.2	SW 3	SW 3	SW	SW	1.5	59.67	58.75	25.2	27.6	S 2	SW 2	SE	SW	5.8
12	59.67	58.11	26	30.8	NE 3	E 3	NE	NE	------	59.74	59.05	25	28.5	SW 3	SW 3	SE	NW	27.2
13	59.17	57.35	26	30.5	SE 3	NW 3	SE	NW	50.8	60.16	58.03	24	29.2	SW 3	SE 2	SE	SE	11
14	58.94	57.22	24.8	30	SE 1	S 3	SE	SE	6.1	60.29	58.73	24.5	28.6	NNW 2	W 3	SW	SE	1.1
15	58.47	57.66	25.5	25.2	SW 3	SW 1	SW	SW	25.2	60.44	59.11	25.4	28.6	Calm	E 3	SW	NE	50.8
16	57.77	56.90	25.2	25.5	W 3	SW 1	SW	S	31.5	60.39	58.43	24.2	30.2	SW 3	NNW 3	SW	NE	.3
17	59.14	58.65	24.6	26.2	W 2	S 3	SW	SW	5.1	60.49	59.25	26	28	N 3	NE 3	NW	NE	1.6
18	------	59.13	------	29.8	------	SE 3	------	SE	17.3	61.05	60.37	25	29.4	SE 2	NE 3	NE	NE	------
19	60.55	58.20	24.8	30.5	N 3	E 3	NW	E	1.5	60.77	59.28	26.2	30	N 3	E 3	N	E	------
20	58.44	56.87	25.6	25.5	SE 3	S 3	SE	SE	77.5	60.07	58.80	24.4	29.2	SE 3	NNW 3	SE	NE	------
21	57.87	57.32	24.4	26.5	NNW 1	S 3	SW	SW	40.9	59.69	58.67	25.6	27	SE 2	NNW 2	NE	NE	1
22	59.72	57.85	23.6	28.2	SW 3	SE 3	SW	SE	1.8	59.77	58.63	25.5	31.2	SE 1	NE 3	NE	SE	------
23	58.92	57.38	25.5	31.4	Calm	NNW 3	SE	NE	------	59.89	58.47	26.6	27.8	NNW 3	NNW 3	NE	NW	1
24	57.12	54.88	25.6	30.5	SW 3	SW 4	SW	SW	------	59.52	58.12	25.6	31.4	E 3	NE 3	NE	NE	------
25	56.87	55.03	27	30.2	SW 3	NNW 3	SW	NW	3.6	60.12	58.43	26.2	31	NE 3	NNW 3	NE	NE	------
26	56.77	55.20	25.5	29.5	SW 3	NNW 3	SW	NW	1	61.02	57.98	25.6	29.4	NE 3	N 3	NE	NE	------
27	56.94	54.55	25.2	29	SW 3	SW 4	SW	SW	------	59.20	57.60	25	31.2	SE 2	NNW 3	NE	NE	5.1
28	56.07	54	25.4	28.8	SW 3	SW 4	SW	SW	14.2	58.84	57.40	24.6	27.8	NE 2	NNW 3	NE	NE	8.1
29	55.19	54.40	26.8	28	S 4	SW 4	S	SW	------	58.47	57.15	25.2	28.2	SE 1	NW 3	NE	NE	3.6
30	57.02	56.80	26.2	30	SW 3	S 4	SW	SW	------	58.04	55.58	25.5	27.4	NW 3	NNW 3	NW	NW	3.1
31	------	------	------	------	------	------	------	------	------	54.54	52.85	27.4	26	NNW 4	NW 4	N	NW	21.8
Mean	57.78	56.60	26.1	29.3	2.6	3.1	------	------	------	59.38	58.06	25.5	28.8	2.5	2.9	------	------	------
Total	------	------	------	------	------	------	------	------	310	------	------	------	------	------	------	------	------	214.4
	NOVEMBER.									DECEMBER.								
	mm.	mm.	°C.	°C.					mm.	mm.	mm.	°C.	°C.					mm.
1	50.94	50.69	25	25	N 8	E 5	N	E	73.2	59.07	57.85	25.6	29.5	N 3	NE 3	NE	NE	2
2	56.76	56.82	26.8	29.2	SE 3	E 3	SE	E	.3	58.84	57.30	24	29.4	E 3	NNE 3	NE	NE	39.2
3	59.12	57.75	26.8	30.5	E 3	E 3	NE	NE	------	57.54	56.74	24	25.2	E 3	NE 4	NE	NE	10.2
4	58.96	57.93	24	30.5	W 2	E 3	NE	NE	------	58.92	58.74	25.5	28.4	NE 3	SE 3	NE	SE	1.8
5	59.14	57.95	25.6	29.4	E 1	NNW 3	NE	NW	1.3	60.77	59.55	25.2	30.5	NE 3	NE 3	NE	NE	9.1
6	59.24	58.02	25.5	28	SE 1	NE 2	SE	NE	------	61.05	59.50	24	28.8	SE 2	NE 3	NE	NE	11.2
7	59.37	58.15	25.4	29.8	SE 2	NNW 3	NE	NW	------	59.17	57.90	25.6	29.6	NNW 3	NE 3	NE	NE	1.8
8	59.15	57.63	25.8	30.6	NE 2	E 3	NE	NE	------	58.86	57.86	23.4	28.8	Calm	NNW 3	NE	NE	.5
9	58.95	56.90	25.2	31	Calm	W 2	NE	NE	------	58.65	57.65	25.5	27.6	NNW 3	NE 3	NE	NE	10.4
10	57.80	56.06	25.8	30	W 3	E 1	W	NE	3	58.57	57.91	24.5	29.6	Calm	NNE 3	NE	NE	3.3
11	57.67	55.82	24.8	29.2	SE 3	NNW 3	NW	NW	------	59.04	58.12	25.6	30.2	NNW 3	N 3	NE	NE	.5
12	57.36	55.40	24.6	29.2	SW 3	NNW 3	SW	NW	3	58.64	57.75	25.5	28.5	N 3	N 3	NE	NE	21.8
13	55.62	54	25.2	27.4	W 3	NNW 3	W	NW	39.4	58.57	57.20	24.5	29.6	SE 2	E 3	NE	NE	------
14	56.51	54.77	24	31	S 3	S 3	S	S	4.3	58.17	57.29	25.6	27	NW 3	N 3	NE	N	------
15	57.34	56	25.4	29.6	SE 1	E 3	SE	SE	------	58.09	57.15	25.5	29.5	E 1	NNW 3	NE	NW	------
16	57.59	56.72	25.6	28.2	NE 2	NNW 3	NE	NW	10.7	59.29	57.82	23.8	28.6	SE 2	NNW 4	NW	NW	------
17	57.92	57.10	25	27	SW 2	E 3	NE	SE	.5	59.54	58.44	24.8	25.6	N 3	NNW 3	NE	NE	9.1
18	59.50	57.15	25	31	SW 3	NE 2	E	NE	.8	60.03	59.35	24	28	NE 3	NE 3	NE	NE	1.5
19	58.42	57.42	26	24.5	NNW 3	Calm	NW	NE	17.5	60.34	59.27	25.2	26.6	N 3	NNW 3	NE	NW	.8
20	58.09	56.15	25.8	28	NNW 3	NNW 3	NW	NW	6	60.26	58.95	24.6	27.6	N 3	NNW 3	NW	NW	------
21	56.79	55.52	26.2	26.5	W 3	NNW 3	NW	NW	6.1	58.17	57.02	24.5	26.2	NNW 4	NW 4	NW	NW	5.1
22	54.97	55.35	25.5	28.6	S 3	S 3	SW	SW	.5	57.12	55.99	25.2	24.4	NNW 4	NNW 4	NW	NW	18.3
23	58.44	56.90	25.6	29	SW 3	NE 3	SW	NE	.8	57.29	55.77	24.5	27.4	E 1	NNW 3	NE	NE	12.9
24	58.64	57.80	24.5	28	Calm	E 3	SE	SE	.8	57.87	57.60	25	26.2	NE 3	NNW 3	NE	NE	30.5
25	58.44	57.27	25.6	28.6	NE 3	NE 3	NE	NE	.8	59.79	59.07	23.8	27	SE 1	NNW 3	NE	NW	------
26	58.72	57.57	25	28.6	NE 2	NE 3	NE	NE	6.9	60.05	58.90	25	30.8	E 2	SE 2	NE	NE	------
27	59.27	57.65	23.6	29.5	Calm	NE 3	NE	NE	8.4	60.79	60.22	25.6	25.4	N 3	NE 1	NE	NE	6.3
28	58.29	57.10	25.8	28	NE 3	NNW 3	NE	NE	------	61.29	61	25	26.8	NNW 3	NNW 3	NE	NE	7.4
29	58.17	57.47	25.2	28	NE 2	NE 3	NE	NE	------	61.39	60.27	25.2	25.6	N 4	N 3	NE	N	1.3
30	58.67	57.62	25.6	29	NE 3	N 3	NE	NE	2.5	60.79	59.44	25.2	25.8	N 3	NNW 3	N	N	3.8
31	------	------	------	------	------	------	------	------	------	60.19	59.52	24	26.8	NE 3	NNW 3	NE	NE	9.7
Mean	57.86	56.62	25.3	28.8	2.4	2.8	------	------	------	59.30	58.29	24.8	27.8	2.6	3	------	------	------
Total	------	------	------	------	------	------	------	------	186.8	------	------	------	------	------	------	------	------	218.5

ROMBLON.

[ϕ=12° 35′ N; λ=122° 16′ E; barometer above sea, 7 meters; gravity correction not applied, —1.78 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*							*mm.*
1	58.49	57.33	25	28.1	ENE	2	NE	3	NE	NE	11.9
2	58.79	58.01	25.1	27	NNE	3	NNE	3	NE	NE	1.5
3	60.75	59.33	24.5	28.9	NNE	3	NNE	3	NE	NE	23.9
4	60.77	59.30	24.5	27	NE	3	NE	3	ENE	NE	------
5	60.32	58.90	25	26	NE	2	Calm		NE	NE	4.3
6	59.34	58.16	24.8	27.8	ENE	3	NE	3	ENE	NE	11.2
7	58.12	57.25	24.4	28.9	NE	4	NNE	3	NNE	NE	------
8	58.37	57.18	24.5	28.6	NE	3	NE	2	NE	NE	1
9	57.54	56.76	24.7	25.7	NE	3	NE	2	NE	NE	9.9
10	58.34	56.84	25.1	29.2	NE	2	NE	3	ENE	E	.3
11	57.34	56.11	25	27.4	NE	2	NE	2	NE	ENE	3
12	57.37	56.98	24.8	28.7	ENE	3	ENE	2	E	NE	------
13	57.04	56.30	24.4	29.1	NE	3	NE	2	NE	ENE	------
14	57.22	56.14	23.3	27.8	Calm		NE	2	NE	NNE	------
15	58.94	57.73	24.4	28.7	NNE	3	NE	2	NNE	------	17.8
16	59.92	58.52	23.8	26	NNE	4	NNE	2	NE	NE	9.4
17	60.10	58.15	24.2	26.8	NE	3	NNE	3	NE	N	------
18	58.67	58.09	23.7	27.2	NNE	1	NNE	3	NNE	NNE	------
19	59.37	59.09	25	24	NNE	4	NNE	4	NNE	NNE	55.3
20	59.37	59.61	23.3	24	NNE	4	NE	2	NNE	NE	28.7
21	59.63	59.02	24.4	26.7	NE	2	NE	2	ENE	NE	1.3
22	60.19	59.45	24	28.2	NE	1	NE	3	ENE	NE	------
23	60.56	59.09	23.7	27.5	NE	2	NE	2	NE	NE	------
24	60.06	59.10	24	27.5	NE	3	NNE	3	NE	NE	------
25	59.91	59.11	24.4	27.4	NE	3	NNE	3	NNE	NNE	.3
26	60.14	59.65	23.7	28	NNE	3	NE	3	NNE	NNE	------
27	60.47	60.98	23.8	25.9	NNE	5	NNE	3	NNE	NE	------
28	61.23	60.14	23	26.2	NNE	4	NNE	5	N	N	------
29	60.22	59.02	23.1	27.4	NNE	3	NE	3	NE	NNE	------
30	59.80	59.02	22.7	23.7	NE	2	NNE	4	N	N	14.5
31	60.16	58.72	23	24.8	NNE	3	NNE	4	N	N	25.1
Mean	59.31	58.36	24.2	27.1		2.8		2.7	------	------	------
Total	------	------	------	------	------		------		------	------	219.4

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*							*mm.*
1	60.23	60.39	23	23.6	NNE	4	NNE	3	NNE	NNE	18.5
2	61.86	61.35	23.5	24.7	N	5	NE	3	NNE	NNE	2.3
3	61.40	60.76	23.8	25.7	N	4	N	4	NNE	N	4.4
4	60.92	58.80	23.7	27	N	3	NNE	3	NNE	NNE	.8
5	59.34	58.12	24.1	27.3	Calm		NNE	3	NE	NNE	1.8
6	58.44	57.58	23.8	28.5	Calm		NNE	2	NNE	NE	.3
7	59.12	57.43	24.5	28.7	Calm		NE	2	NE	NE	1.3
8	57.81	57.23	25	28.3	NE	2	NE	3	ENE	ENE	1.6
9	57.17	56.20	25	28.9	NE	3	NE	3	NE	NE	1.3
10	58.28	56.91	25.1	29.2	NE	2	NE	2	NE	ENE	15.2
11	58.87	57.13	23.8	27.8	Calm		NE	2	------	ENE	10.7
12	58.41	57.21	24.1	26.5	NE	2	NE	3	NE	NNE	4.9
13	58.52	57.67	23.3	25.6	NE	2	NE	2	NE	NE	29.5
14	59.51	57.68	25	27.4	NE	1	NE	1	ENE	NNE	------
15	59.17	57.70	24.7	29	E	2	E	3	E	E	------
16	59.03	57.31	25.3	29.2	ENE	3	ENE	3	ENE	E	24.1
17	58.28	56.61	25.1	28.9	ENE	2	ENE	3	ENE	ENE	------
18	57.96	57.20	25.1	29.4	ENE	2	ENE	2	ENE	NE	------
19	58.87	58.46	24.8	26.1	ENE	1	ENE	3	NE	E	4.5
20	60.19	59.48	24.3	29	Calm		ENE	3	NE	ENE	.5
21	60.35	59.36	24.5	29	NE	3	NE	3	NE	NE	------
22	60.10	58.40	24	29	NE	2	NE	3	NE	NE	------
23	60	58.23	21.6	29.1	Calm		NE	3	NE	NE	------
24	59.59	58.84	21.3	29.1	Calm		NE	3	E	NE	------
25	58.99	58.09	24.8	29.6	ENE	4	NE	4	NE	NE	------
26	58.91	58.34	25.4	27.5	NE	1	NE	2	ENE	NE	2
27	58.34	57.85	24.7	30.2	NE	2	NE	2	NE	NE	------
28	57.71	57.29	25.2	28.5	ENE	1	NE	3	ENE	ENE	------
29	------	------	------	------	------		------		------	------	------
30	------	------	------	------	------		------		------	------	------
31	------	------	------	------	------		------		------	------	------
Mean	59.17	58.13	24.2	28		1.8		2.7	------	------	------
Total	------	------	------	------	------		------		------	------	123.7

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*							*mm.*
1	58.34	57.82	25.1	30.2	NE	3	NE	3	ENE	------	7.1
2	57.73	56.60	24.6	28	E	2	ENE	3	NE	ENE	1.8
3	57.48	57.14	23.7	30.2	Calm		ENE	2	ENE	ENE	------
4	58.57	57.29	25.7	30.8	Calm		ENE	2	------	E	------
5	58.41	57.89	25	30.4	ENE	2	ENE	2	E	ENE	1.3
6	59.16	58.19	24.1	29.1	Calm		NE	2	NE	NE	19.8
7	58.67	58.15	24.3	28.7	NE	2	NE	3	NE	NE	.8
8	59.27	58.32	24.7	28.7	NE	2	NNE	2	NE	NNE	.5
9	60.02	59.30	25.1	28.2	NE	2	NNE	2	NE	NE	15.2
10	60.62	60.15	25.2	29.1	NE	3	NE	3	NE	NE	------
11	60.46	59.95	25.1	28.7	ENE	2	NE	3	ENE	ENE	3.8
12	61.10	59.36	24.1	28.7	ENE	2	NE	3	E	ENE	1
13	59.89	59.28	23.8	29.4	ENE	4	ENE	3	E	E	.8
14	60.57	60.20	24.7	28.4	ENE	2	NE	2	ENE	ENE	------
15	60.19	58.79	24	28.7	NE	1	NNE	3	NE	NE	------
16	58.36	57.14	24.6	25.9	NNE	3	N	3	------	N	------
17	56.41	54.95	25.1	23.9	N	6	N	4	NNW	W	57.2
18	56.26	55.36	24.1	30.4	Calm		ESE	2	NNW	SW	------
19	57.34	56.29	23.7	29.7	Calm		E	2	------	SE	------
20	59.14	57.56	23.9	27.7	Calm		ESE	2	------	S	9.4
21	59.38	58.09	25	28.6	Calm		ENE	1	E	------	10.7
22	59.03	57.88	24.3	29.2	Calm		NE	2	ENE	NE	9.1
23	58.98	58.10	25	27.5	Calm		Calm		ENE	ESE	39.9
24	59.41	58.88	25.5	29	E	2	ENE	1	E	E	------
25	60.68	59.79	25.7	30.5	ENE	3	NE	3	E	------	------
26	61.06	60.28	25.1	29.3	ENE	3	ENE	3	ENE	NE	2
27	60.14	58.98	25.5	30.3	NE	3	NE	3	NE	ENE	.5
28	59.01	58.47	25.5	29.5	NE	3	NE	3	NE	NE	8.9
29	58.55	57.90	25.5	29.9	NE	2	NE	3	NE	NE	.5
30	57.90	56.95	25.4	30.2	NE	2	ENE	3	NE	NE	1.5
31	57.87	56.97	26.1	29.4	NE	2	NE	3	NE	NE	2.5
Mean	59.03	58.13	24.8	29		1.8		2.5	------	------	------
Total	------	------	------	------	------		------		------	------	194.3

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).				Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*							*mm.*
1	58.72	57.84	25.9	29.9	NE	3	NE	2	NE	NE	------
2	59.22	57.48	25.7	30.5	NE	2	NE	2	NE	------	------
3	58.71	57.84	25.4	29	NE	3	NE	3	NE	N	0.5
4	58.03	57.35	25.5	28.6	ENE	1	ENE	3	E	ENE	4.1
5	58.12	57.28	25.9	28.7	NE	2	NE	4	NE	ENE	------
6	58.41	58.79	26.1	29.7	NE	3	ENE	3	NE	NE	.8
7	58.82	58	25.1	30.1	ENE	2	NE	3	E	NE	1.8
8	58.87	57.68	25.5	30.8	NE	2	NE	2	NE	------	------
9	58.30	57.79	25.9	30.4	NE	3	NE	3	ENE	NE	1.5
10	58.65	57.24	26.4	30.3	ENE	3	NE	3	ENE	NE	------
11	58.17	57.67	26	31.2	ENE	3	NE	3	E	------	------
12	57.93	57.48	26	30.9	ENE	2	NE	3	ENE	NE	------
13	58.42	58.09	25.5	31	NE	1	NE	3	NE	NE	------
14	58.80	58.21	26.1	32.1	NE	2	NE	3	NE	------	------
15	59.68	58.98	26.7	31.7	NE	2	NE	3	E	E	------
16	59.10	58.35	26.5	31.6	NE	3	NE	3	E	E	------
17	58.57	57.26	26.3	32	Calm		NE	2	E	ENE	------
18	57.13	56.13	20.8	30.9	Calm		NE	2	------	E	------
19	56.56	55.90	23.8	32.4	Calm		NE	2	------	N	------
20	57.03	56.22	23.8	32.4	Calm		NE	2	------	------	18.8
21	57.01	55.73	23.4	30.8	Calm		ENE	3	------	N	2.8
22	56.81	55.87	26.8	29	NE	2	ENE	2	NNE	NE	47.2
23	56.24	55.18	24.1	28.4	Calm		ENE	2	N	------	38.4
24	56.07	56.75	24	25.1	Calm		ESE	2	------	S	9.6
25	58.52	57.98	24	29.9	ESE	3	ESE	2	------	SW	------
26	58.85	58.15	26.3	30	Calm		E	2	E	E	------
27	59.10	58.18	26.8	31.2	E	1	ENE	2	E	E	------
28	58.87	58.26	26	31	ENE	3	NE	3	E	NE	------
29	59.11	58.46	26.3	31.4	NE	2	NE	3	ENE	ENE	------
30	59.12	58.63	26.4	30.9	ENE	2	NE	2	E	ENE	------
31	------	------	------	------	------		------		------	------	------
Mean	58.23	57.49	25.4	30.4		1.7		2.6	------	------	------
Total	------	------	------	------	------		------		------	------	125.5

ROMBLON.

[ϕ=12° 35′ N; λ=122° 16′ E; barometer above sea, 7 meters; gravity correction not applied, —1.78 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	59.12	57.77	26.6	31.1	Calm	NE 2	ENE	ENE	2.5
2	57.96	56.62	25.9	31.1	Calm	ENE 1	ENE	ENE	------
3	57.90	56.24	26.4	31.3	ENE 1	NE 2	ENE	ENE	5.3
4	58.22	56.47	24.5	31	Calm	NE 2	NNE	NE	34
5	57.36	56.18	24.1	29.7	Calm	NE 3	NE	NE	3
6	56.30	54.91	25.8	31.6	NNW 2	NNW 3	NNW	NNW	------
7	54.83	54.45	27.6	32	SE 4	E 4	SW	WSW	1.3
8	55.12	54.53	26.4	31.4	S 4	S 4	SW	SSW	5.6
9	56.10	55.03	26	31.8	Calm	S 2	------	SW	------
10	56.46	55.59	25.1	30.6	Calm	NNE 2	------	------	5.8
11	57.50	56.74	24.2	31	Calm	SSE 1	SSW	------	.3
12	57.30	56.97	24.9	31.4	Calm	SE 2	E	------	------
13	57.26	55.92	25.4	31.1	Calm	E 1	E	------	------
14	57.37	56.20	26	31.3	E 1	NE 1	E	NW	------
15	57.16	56.86	25.6	31.4	Calm	ENE 2	NE	NNW	------
16	57.63	56.98	24.1	30.2	Calm	NE 2	------	W	1
17	58.09	56.78	26.8	31.9	Calm	SSE 3	------	W	------
18	58.09	56.99	25.8	32.5	Calm	SSE 2	------	SW	5.1
19	58.43	57.31	25.6	30.9	Calm	E 3	------	S	------
20	59.42	58.23	25.5	31.5	Calm	Calm	------	S	------
21	59.16	58.60	25.5	25.9	Calm	Calm	SE	------	13.5
22	59.25	57.04	25	31	Calm	ENE 1	------	SSW	------
23	57.43	56.19	24.6	30.5	Calm	Calm	------	SE	------
24	56.71	55.67	26.5	31.8	Calm	ESE 3	------	SW	4.6
25	56.66	57.16	25.9	26.6	S 6	SSE 4	SW	------	1.3
26	57.39	56.47	27.2	25.7	S 6	SSE 2	SSW	SW	27.9
27	56.36	55.85	26.9	30.5	SE 3	SE 4	------	SW	4.3
28	56.51	56.19	25.7	27	SE 2	SSE 3	SSW	SSW	------
29	57.89	56.91	26.3	32.5	Calm	WSW 1	SSW	------	------
30	58.31	57.74	24.5	29.7	Calm	WNW 1	------	------	3.6
31	58.35	57.62	26.1	31.4	Calm	NNW 2	NE	NE	------
Mean	57.47	56.52	25.7	30.6	0.9	2	------	------	------
Total	------	------	------	------	------	------	------	------	119.1

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.65	56.88	25.4	30.4	Calm	Calm	SSE	ESE	1
2	57.52	56.56	24.9	30.5	Calm	Calm	------	E	.5
3	57.49	56.13	25.8	31.8	Calm	NE 2	NE	NE	7.9
4	56.56	55.81	26.8	31.7	NE 1	NE 2	ENE	ENE	14
5	57.39	57.21	26.8	31.1	E 3	NE 3	ENE	E	------
6	59.06	57.83	26.9	31.8	NE 2	NE 2	E	E	------
7	58.45	57.77	27.4	32	ENE 1	ENE 3	E	E	2.8
8	58.65	57.83	26.4	32.4	ENE 1	NE 2	E	E	17.3
9	58.58	57.04	25.4	30.1	Calm	NE 1	E	SE	1
10	58.68	58.38	27.5	31.7	ENE 2	NE 3	ESE	SE	------
11	58.74	58.70	27.6	31.9	ENE 3	NE 3	E	NNE	15
12	59.50	58.65	26.9	29.9	E 3	E 1	ENE	E	1.3
13	58.65	57.42	27	31	E 2	NE 3	ENE	NE	------
14	58.48	57.75	27	29.4	ENE 3	Calm	E	E	1
15	58.62	57.53	26.7	31.6	Calm	NE 2	E	ESE	2
16	57.68	57.47	27.4	31.8	NE 3	NE 2	E	ENE	------
17	57.58	57.06	27.6	31.9	ENE 3	NE 3	ENE	NE	------
18	57.11	56.86	27	32.5	NE 1	NE 3	NE	E	------
19	57.66	57.26	27.1	31.2	NE 3	NE 3	ENE	NE	18.3
20	57.51	56.81	24.9	26.5	Calm	NE 1	E	E	17.3
21	57.74	56.47	23.6	29.2	Calm	NE 2	------	SE	1.8
22	57.87	56.94	25.4	29	ENE 2	NE 3	NE	NE	14
23	56.93	55.64	25.4	29.4	Calm	NE 2	ENE	NNE	50
24	56.47	55.48	24.4	29	Calm	E 2	E	NE	37
25	56.84	55.77	24.1	27	Calm	Calm	------	------	26.9
26	57.24	55.75	23.9	29.6	Calm	E 1	------	SSE	.5
27	56.77	55.69	25.4	30.1	Calm	Calm	------	E	.5
28	57.42	56.28	25.4	29.9	SE 2	SE 3	S	S	3.1
29	57.65	57.36	24.7	29.5	SE 2	SE 3	S	S	.6
30	57.61	56.21	25.5	30	SE 1	SE 2	------	SE	------
31	------	------	------	------	------	------	------	------	------
Mean	57.80	56.95	26	30.5	1.3	1.9	------	------	------
Total	------	------	------	------	------	------	------	------	233.8

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.02	56.31	25.5	30.2	Calm	Calm	W	------	------
2	57.46	56.94	26	27.7	SE 2	SE 3	SW	S	1.1
3	57.57	56.93	25.6	30.5	SE 2	SE 3	------	SW	------
4	57.26	56.53	25	32	Calm	S 3	------	------	------
5	59.09	58.51	26.6	31.5	Calm	SSE 2	------	S	------
6	60.24	59.18	24.9	32.1	Calm	SE 2	------	NE	4.1
7	59.61	58.84	24.2	31.1	Calm	SE 1	NE	NE	3.8
8	60.15	58.84	24.5	29.7	Calm	SSE 3	------	S	.8
9	58.56	57.40	25.6	31.1	SSE 2	SE 3	SW	SW	------
10	58.31	57.30	26.7	31	SSE 2	SSE 4	SSW	SW	------
11	58.04	57.23	25.3	31.6	SSE 2	S 3	S	S	.5
12	58.25	56.47	25.8	31	Calm	S 3	S	SW	1.8
13	56.56	55.23	25.5	32.3	Calm	S 3	------	SW	------
14	55.32	54.10	26.4	30.7	SE 3	SE 4	SSW	SSE	4.6
15	55.52	54.93	26.5	28.8	SSE 3	S 5	S	SW	------
16	56.62	55.38	26.4	31.2	S 1	S 3	------	------	.5
17	57.06	56.75	27.3	31.4	S 2	SSE 4	SW	S	1.3
18	58.46	------	25.4	------	Calm	------	SW	------	2.5
19	57.16	56.60	25.9	32	E 1	ENE 2	E	NE	10.4
20	57.20	56.65	23.1	30.1	Calm	E 1	ENE	E	2
21	58.91	58.61	25	31.7	Calm	ENE 2	E	NE	3.8
22	58.56	57.61	27	31.6	ENE 3	NE 3	NE	NE	------
23	57.14	55.51	25.4	32.5	Calm	NE 2	E	NE	10.7
24	55.52	55.03	25.1	30.4	Calm	NNE 2	NE	NE	5.3
25	55.37	55.68	24.5	29.5	Calm	NNE 2	NNE	N	------
26	56.93	56.25	25.7	30.7	Calm	Calm	------	ENE	.5
27	57.78	56.51	23.8	31.2	Calm	NNE 2	------	------	------
28	57.21	55.96	25.1	32.1	Calm	E 3	------	------	------
29	56.30	55.12	27.4	30.9	SSE 2	SE 3	SSW	SSW	------
30	56.62	56.08	26.4	31	S 4	S 4	SSW	SSW	2.3
31	------	57.04	------	29.7	------	S 4	------	SW	------
Mean	57.53	56.65	25.6	30.9	1	2.6	------	------	------
Total	------	------	------	------	------	------	------	------	56

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.31	56.12	26.1	31.4	S 4	S 3	------	SW	10.7
2	57.31	55.61	23.9	30.6	Calm	SE 3	------	SW	.3
3	56.55	56.22	25.4	31.2	Calm	SE 3	SW	------	------
4	57.18	56.11	25.9	32.3	SE 2	SE 3	S	W	------
5	57.41	56.61	26.9	32.1	Calm	SE 3	------	SW	.3
6	57.70	56.25	25.7	31.7	Calm	ESE 2	------	------	------
7	57.12	56.02	26.1	32.7	ESE 1	SE 3	------	SW	------
8	57.56	56.16	26.9	30.6	SSE 1	S 4	SW	SSW	------
9	56.62	56.21	27	31.6	S 4	S 4	SSW	SW	------
10	57.30	56.89	26.4	30.1	S 3	S 5	SSW	SSW	------
11	57.37	55.92	27	33.1	S 3	S 3	SW	SW	10.4
12	57.74	56.71	26	31.9	S 1	SSE 2	------	SW	------
13	57.80	55.46	27	32.4	S 3	SSE 4	SW	SW	------
14	56.14	55.76	26.5	30.1	S 3	S 4	SW	SW	------
15	57.62	56.15	26.4	26.7	S 2	S 3	SW	SW	3.3
16	57.45	55.83	25.6	32.1	S 2	S 3	SSE	SW	------
17	56.65	55.88	26.2	30.2	S 2	S 2	SW	SSE	------
18	57.25	56.31	24.4	31	Calm	S 2	------	E	------
19	57.25	56.92	24.9	33.4	Calm	E 3	ENE	ENE	------
20	56.83	55.96	24.9	31.9	Calm	E 2	NE	ENE	5.8
21	57.35	56.37	24.9	29	Calm	E 2	------	ESE	5.6
22	58.30	57.02	24.6	29.8	Calm	E 2	------	S	29.5
23	57.80	56.08	24.6	29.5	Calm	E 2	------	ENE	7.8
24	56.89	55.17	24	30.4	Calm	E 1	------	------	4.9
25	55.87	54.99	25.3	29.5	Calm	Calm	------	S	------
26	55.74	55.20	24.1	30.4	Calm	E 1	------	S	.5
27	57.23	56.07	24.2	31.1	Calm	Calm		------	------
28	57.80	55.86	27	32	Calm	E 2	SSW	------	------
29	57.08	55.88	26	31.8	Calm	SSE 3	------	------	------
30	56.85	55.55	27.6	31.6	SSE 3	SSE 2	------	SW	25.7
31	56.38	54.74	25.1	27.7	SE 3	E 2	------	------	21
Mean	57.14	56	25.7	31	1.2	2.5	------	------	------
Total	------	------	------	------	------	------	------	------	125.8

ROMBLON.

[φ=12° 35′ N; λ=122° 16′ E; barometer above sea, 7 meters; gravity correction not applied, —1.78 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*					*mm.*
1	56.18		25.5		SSE 3		SW		1.3
2	56.03	55.01	27.5	31.2	S 3	S 4	SW	SW	2.8
3	56.09	54.81	26.9	29.7	S 3	S 4	SW	SW	4.1
4	55.50	54.80	25.5	27.7	SSW 4	S 4	SW	SW	28.4
5	55.95	55.14	24.6	27.7	SSW 2	SSW 5		SW	17.1
6	55.25	54.49	26.8	29.9	S 3	SE 3	SW	SW	3
7	55.48	54.98	26.8	29	SE 3	S 2	SW	SW	
8	57.01	56.36	26.3	31.3	S 2	S 1		S	
9	58.32	56.83	24.7	29	Calm	Calm			6.1
10	57.97	56.88	24.5	30	Calm	SE 1	N		33.3
11	59.21	57.15	25.4	29	Calm	SE 2	N		5.1
12	59.25	57.42	24.9	29.6	Calm	NE 1	NE		.8
13	58.27	56.88	24.9	28.8	NE 1	NE 1	NE	NE	30
14	57.80	56.71	22.9	27.4	Calm	E 1			16.5
15	58.22	56.09	24	28.7	Calm	E 1		ENE	.3?
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
Mean	57.10	55.97	25.4	29.2	1.6	2.			

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*					*mm.*
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									15.2?
14			24.3	28.6	Calm	NE 1		E	11.2
15			24.6	27.1	Calm	Calm		NE	31.2
16			23.7	29.6	Calm	NE 1			23.6
17			24.7	27.4	NNE 1	Calm	E	NE	8.6
18			26.1	28.6	N 1	N 1	NE		8.2
19			25	29.6	Calm	Calm	ENE	NE	1.5
20			24.1	30.3	Calm	N 2	NE	NNE	9.7
21			25.3	29.2	Calm	N 1	NE		1
22			25.1	30.1	Calm	W 2		NE	1.3
23			26.4	30.2	N 1	N 1	NNE	NE	7.6
24			25.6	29	Calm	Calm	NE		4.6
25			24.2	30.3	Calm	N 1	NE		.8
26		57.97	26.5	30.2	N 2	Calm	NE	NNE	
27	58.55	57.74	24.5	29.1	Calm	N 2	NNE	NEbyN	57.4
28	59.16	57.51	24.9	27.2	Calm	Calm		NE	5.3
29	57.65	57.19	26.4	29.4	Calm	NW 3	ENE	NE	2.3
30	58.10	56.16	26.6	27.1	NW 3	NW 4	NE	NEbyE	3.3
31	54.74	53.96	27.1	28.9	NW 1	NW 5	NNE	NNE	.8
Mean			25.3	29	0.5	1.3			

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*					*mm.*
1		49.42		25.2		N 9		NE	67.3
2	54.88	56.33	25.7	26.3	E 3	Calm	ENE	SE	2
3	58.48	57.60	26.6	29.7	E 2	Calm	ENE	E	
4	58.91	57.44	26	30.6	Calm	N 1	E	ENE	.5
5	58.72	57.42	24.5	30.3	Calm	Calm	NE		5.1
6	58.63	57.41	25	28.8	Calm	N 1	NNE	NNE	4.3
7	58.65	57.67	24.9	30.1	Calm	Calm	ENE	ENE	.3
8	58.60	57.33	26	29.3	Calm	Calm	EbyN		
9	58.30	56.78	25.1	29.6	Calm	Calm	ENE		
10	57.03	55.43	24.7	30.2	Calm	N 1	NbyE		
11	56.84	55.15	23.5	29.3	Calm	Calm			9.7
12	56.66	55.22	24.1	26	Calm	Calm		SSW	40.1
13	55.91	54.85	25	24.9	NW 6	NW 2	N	N	52.1
14	54.98	54.47	24.6	23.9	SSW 4	SSW 5	SW		22.8
15	56.28	55.64	22.4	28.2	Calm	Calm			
16	56.62	56.53	26.3	28.7	NE 1	NE 2	ENE		8.1
17	56.93	56.67	24.2	26.7	Calm	Calm			8.4
18	58.89	57.23	23	30.3	Calm	Calm		NE	
19	58.12	57.23	24.8	28.3	Calm	NE 2	NNE		14.7
20	57.51	56.23	24	27.9	Calm	NNE 2	NE		.8
21	56.73	55.53	25.9	27.1	NNE 2	NNE 2	NNE	NNE	11.9
22	55.02	54.44	23.6	26.6	W 2	SE 2		ESE	20.1
23	57.81	56.30	23.4	28.3	Calm	Calm	NE	S	.3
24	57.81	57.02	23.9	29.5	Calm	E 2		E	
25	57.58	56.85	25.2	27.8	Calm	Calm	NNE	ENE	.5
26	58.16	57.44	24.3	28.1	Calm	ENE 2			1.8
27	58.72	57.51	24.9	28.8	Calm	NE 1	NE	NE	2
28	57.72	57.30	24.6	25.3	Calm	Calm	NE		15.7
29	57.28	56.88	23.8	27.3	Calm	E 1	NE	NE	19.8
30	58.37	57.72	25.6	25.9	Calm	Calm	ENE	NE	33
31									
Mean	57.45	56.30	24.7	28	0.7	1.2			
Total									341.3

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*					*mm.*
1	58.89	57.77	23.5	29.2	Calm	NNE 1	NE	NE	7.9
2	58.48	57.12	25.5	27.5	N 1	NE 2	E		2.3
3	56.96	56.24	25.6	24.2	NE 3	ENE 3	NE	ENE	41.1
4	57.46	57.89	26.2	27.7	ESE 2	NE 1	E	E	
5	59.91	59.02	26.3	29.3	ENE 1	NE 2	E		
6	60.55	59.30	26	28.7	NNE 1	NNE 1	NE		13
7	58.77	57.55	25.3	28.9	Calm	NNE 1	E	E	2.3
8	58.38	57.69	24.8	27.3	NNE 1	NNE 2	NE	NE	.5
9	58.53	57.25	25	28	NNE 1	NW 2	NE	NE	.5
10	58.10	57.54	25.6	27.8	NE 2	NE 1	NE		1
11	58.52	57.99	25.3	29.7	NW 1	NNW 2	E	ESE	1.3
12	58.18	57.71	25	28.2	NE 1	NNW 1	NE	NE	14.7
13	58.03	56.86	24.7	28.6	Calm	NE 1		NE	.5
14	57.96	56.84	24.9	28.6	Calm	NNE 1	E	NE	9.1
15	57.61	57.02	25.2	26.4	Calm	NNE 1		NE	30.7
16	58.68	57.55	23.4	28	Calm	NE 2	NE	NE	1.5
17	58.28	57.61	25	26.9	NE 2	NE 2	NE	NE	39.7
18	59.08	58.93	24.8	28.2	N 1	NE 1	NE	NE	4.6
19	59.56	58.63	25.2	27.9	N 1	N 1	NE	NE	1.5
20	59.24	59.32	24.8	27.9	NE 1	NNE 1	NE		
21	58.29	57.02	24.9	27.3	NE 3	NW 3	NE		7.6
22	57.03	56.60	24.5	24.5	NW 3	NW 3	NE	NE	8.4
23	56.83	56.59	24.9	26.7	NW 3	NW 2	NE	NE	8.4
24	57.19	57.56	24.5	24.4	NW 2	NW 2	NE		23.4
25	59.31	58.48	24.4	26.4	NW 1	NW 2	NNE		1.6
26	58.93	58.38	24.7	28.3	Calm	Calm	NE	E	
27	60.14	59.26	25	28.4	NE 1	NE 1	NE	NE	38.9
28	60.51	60.63	24	24.2	Calm	N 2			40.7
29	60.74	59.62	23.3	27.9	Calm	NE 2	NE		
30	60.13	59.25	24.4	26.9	Calm	NW 2			1.3
31	59.49	59.12	25.1	28.8	N 2	N 2	ENE		10.2
Mean	58.70	58.01	24.9	27.5	1.1	1.6			
Total									312.7

This station was temporarily closed from September 16 to October 13.

SUMAY, GUAM (LADRONE ISLANDS).

[ϕ=13° 24′ N ; λ=144° 38′ E ; barometer above sea, 20.4 meters ; gravity correction not applied, —1.76 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	59.87	57.80	25.4	25	E 2	ENE 2			11.4
2	59.90	58.13	25.6	28.4	ENE 2	E 3		E	
3	61.33	60	25	27.6	ENE 2	ENE 4	E	E	2.5
4	61.03	59.05	25.4	27	ENE 4	ENE 5		E	3.8
5	60.55	58.35	25	28	ENE 5	ENE 5	ENE	ENE	8.9
6	59.67	58.35	25	28.4	ENE 3	ENE 4	ENE	E	4.5
7	58.30	57.23	25.4	28.4	E 3	E 4	E	E	1.5
8	58.72	57.30	25	28.2	ENE 2	ENE 3	ENE	ENE	.8
9	58.30	56.38	25.4	27.4	ENE 3	ENE 4	ENE	ENE	3.3
10	57.90	56.60	26	27	ENE 5	ENE 5		ENE	
11	57.55	56.45	25	27	ENE 3	ENE 5		ENE	1.3
12	58.27	57	25	28	ENE 3	ENE 3		ENE	
13	58.20	56.93	24.8	28	ENE 2	ENE 4		ENE	
14	57.15	56.37	25	27.4	ESE 2	E 4		E	7.7
15	58.20	57	25	28	ENE 2	E 4		E	.8
16	59.87	57.95	25.2	28.6	ENE 3	ENE 4		ENE	
17	59.77	58	25	28	ENE 2	E 4		E	
18	58.60	56.90	25.4	28	ENE 3	ESE 3		E	
19	59.55	57.67	24.2	26.6	ENE 2	ENE 4			2.5
20	60.15	57.93	24.4	27.2	ENE 2	ENE 4		ENE	
21	59.67	57.85	24.2	27.6	ENE 3	ENE 3			
22	59.50	58.10	25.6	27.6	ENE 3	ENE 3	E	E	
23	59.97	58.50	25.4	28	ENE 2	E 3		E	
24	58.90	57.38	24.8	27.6	ENE 3	ENE 4		ENE	
25	59.37	57.48	25	27.6	ENE 2	ENE 3	ENE	ENE	3.8
26	59.20	57.95	25.2	27.8	ENE 1	ESE 2			3.8
27	60.22	59.18	25.4	27.6	E 2	E 2			5
28	59.60	58	25.2	28.6	ENE 2	ESE 2		E	1.8
29	58.80	57.25	25.2	28	ENE 3	E 4			
30	59.10	57.55	25	29.2	E 2	E 4	E	E	
31	59.90	58	24.8	27	ENE 2	ENE 4	ENE	E	
Mean	59.26	57.70	25.1	27.7	2.6	3.6			
Total									63.4

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	60.27	58.80	24.6	28	ENE 2	E 4	ENE	E	
2	61.58	60.80	25.4	28.4	ENE 3	ENE 5		E	7.6
3	61.88	60.23	24.6	28.4	E 2	E 3		E	1.3
4	60.78	59.13	25.6	28	E 3	E 4	E		.5
5	59.87	59.05	25.4	28.2	ENE 2	E 4		E	.8
6	60.10	58.83	25.4	28.2	ENE 2	E 3		E	1.3
7	60.55	59.25	25	28.4	ENE 2	ENE 3	ENE		
8	58.95	57.83	25	29	ENE 1	SE 3		SE	
9	58.57	56.80	25	30.2	E 1	WSW 2			
10	58.60	57.63	24.8	29	ENE 1	ENE 2		ENE	
11	58.80	57.25	25.4	27.6	Calm	ENE 2			6.4
12	59.20	57.85	24.4	27.6	ENE 3	ENE 2			16
13	59.40	57.95	24	27	ENE 3	ENE 5		ENE	4.6
14	60.45	58.75	25	28.2	ENE 2	E 3		E	
15	59.75	58	26	27	E 4	E 3			.5
16	59.90	57.77	25	25.4	ENE 3	ENE 4			10.2
17	59.09	56.80	24.6	28	ENE 2	E 3		E	1.3
18	58.57	57.30	26	29.2	ESE 2	ESE 2		E	
19	59.47	58.85	23.6	28	Calm	ENE 3		ENE	
20	60.07	59.30	25	28	ENE 1	ENE 3			2.5
21	59.95	57.95	25.6	27	ENE 4	ENE 5	ENE	ENE	
22	59.10	58.47	25.4	26.6	ENE 4	ENE 5	ENE	ENE	
23	59.47	57.82	25	27	ENE 4	ENE 4	ENE	ENE	
24	59.30	58.30	25	27.8	ENE 2	E 4			
25	60.10	58	25	27.8	ENE 3	ENE 4		ENE	
26	60.05	58.83	25.2	29.4	ENE 2	E 3		E	2.5
27	59.47	58.18	24.2	27.4	E 2	E 3			.5
28	59.10	57.43	25	28.2	ENE 2	ENE 4			
29									
30									
31									
Mean	59.73	58.33	25	28	2.2	3.4			
Total									60.5

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	59.67	57.90	24.2	27.4	E 2	E 4			
2	59.12	57.38	25	28	ENE 2	ENE 3			
3	58.25	56.65	25	28	ENE 2	E 3		E	
4	59.22	58.15	25.4	29.6	E 1	E 2			
5	59.70	57.98	24.8	27.8	E 2	E 4			
6	60.05	58.38	25.2	28	E 2	E 4			
7	58.35	57.28	24.8	29	E 2	E 4		E	
8	58.72	56.85	25	27.6	ENE 2	ENE 4		ENE	0.5
9	59.10	58.35	25	28.4	ENE 2	ENE 3			
10	59.10	57.85	25	27.8	ENE 2	NNE 3			10.2
11	59.55	58.42	24.4	26.6	NNE 5	NE 4		NE	2.5
12	59.75	58.32	25.2	27	ENE 5	ENE 4			2.5
13	59.60	58.32	25	28	ENE 2	ENE 3			40.6
14	59.60	57.85	23.6	25.6	ENE 2	ENE 4			127
15	59.97	59.07	24.4	23.4	E 4	ENE 4			165.1
16	60.40	58.05	24.6	27	ENE 3	E 4		E	4.3
17	59.90	58.53	25.6	29.4	E 2	ESE 2			
18	60.47	58.95	25.8	28	ENE 2	ENE 4			.5
19	60.60	59.23	24.8	28.6	ENE 3	ESE 4		ESE	
20	61.90	59.63	26	29	ENE 2	E 4			
21	60.85	58.73	25.4	29.4	ENE 2	E 3		E	
22	60.80	58.60	25.6	28.4	E 2	ENE 2			
23	60.50	58.83	26	29.4	ENE 2	ENE 3			
24	61.15	60.23	26	29.8	ENE 2	E 3			
25	62.15	60.43	26	28.2	E 2	ENE 4		ENE	.8
26	61.08	59.35	25.4	28	ENE 3	ENE 5		ENE	11.4
27	60.57	58.95	25	28	ENE 4	ENE 5			2.1
28	59.50	59.03	26	28.4	ENE 2	E 4		E	1.3
29	60.30	59	25.8	28.6	E 3	E 5		E	1.3
30	59.17	57.03	26	28.6	E 3	E 4			
31	58.97	57.03	26	28.2	ENE 2	E 4			10.2
Mean	59.94	58.40	25.2	28	2.5	3.6			
Total									380.3

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	59.15	58.38	25.6	28.4	ENE 2	ENE 3			1.3
2	60.10	58.83	25.6	29.2	ENE 2	E 4			
3	59.70	58.65	26	29	E 3	E 4			3.8
4	59.62	57.25	25.6	28.4	ENE 3	ENE 4		ENE	.8
5	59.07	58.33	26	29	E 2	E 4			.5
6	59.47	57.88	26	28	E 2	E 4			6.8
7	58.92	57.83	26	29	E 2	E 3		E	
8	58.25	57.48	25.4	29	ENE 2	ENE 4			
9	58.60	57.63	25.4	29	E 2	E 3			2.5
10	58.27	56.83	25	29	Calm	E 2		E	11.5
11	58.47	56.83	26.2	28.4	E 3	E 4		E	
12	58.67	57.33	26	29	E 2	E 3		E	
13	59.77	58.80	25.8	29.2	ENE 1	E 3		E	
14	60.57	58.80	26	28.6	ENE 3	E 3			5.5
15	61.05	58.95	25	29.4	ESE 3	ESE 4	E	ESE	4.6
16	60.12	58.83	26	29	ENE 2	ESE 3		ESE	
17	58.17	56.65	25.8	29.6	Calm	Calm			
18	57.40	56.15	25.4	29	Calm	SW 2			
19	56.38	55.90	26.4	29.4	Calm	SW 2		SW	8.9
20	57.35	56.70	25	26.4	WSW 1	SSW 2	W		6.6
21	58.55	57.03	26.4	29.4	Calm	SW 2		SW	
22	58.52	57.50	26.4	29.4	Calm	NE 2			
23	58.88	58.20	26.2	28.6	ENE 2	ENE 3		ENE	2.5
24	58.67	57.65	25.4	28.6	Calm	ENE 2			19
25	59.35	58.65	25.8	28.4	E 1	ENE 2	E	E	
26	60.05	58.33	26	29.2	ENE 2	E 3	ENE	E	
27	59.85	58.53	26	29.4	ENE 2	ENE 4			
28	60.02	58.73	25.6	29	E 2	ENE 4		ENE	
29	59.97	58.30	26	27.6	ENE 3	E 5	ENE		1.5
30	59.40	58.28	26	29.2	ENE 3	E 5		E	
31									
Mean	59.08	57.84	25.8	28.8	1.7	3.1			
Total									75.8

SUMAY, GUAM (LADRONE ISLANDS).

[$\phi=13^\circ 24'$ N; $\lambda=144^\circ 38'$ E; barometer above sea, 20.4 meters; gravity correction not applied, —1.76 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.
1	59.25	58.10	26.8	28.8	E 3	ESE 4		ESE	
2	58.98	56.88	26.2	29.4	E 3	E 5			3
3	58.47	57.25	25.6	28.8	E 2	E 3			3.8
4	59.32	58.30	24.4	28.8	E 3	E 4		E	2.5
5	60.10	58.15	25.6	28	ENE 2	ESE 4			3.8
6	60.18	58.20	26.2	29.4	ENE 2	E 4		E	
7	59.23	58.03	26	28.4	ENE 3	ENE 4		ENE	
8	58.55	56.88	26	28.4	ENE 2	ENE 5			3
9	57.67	55.93	25.6	29	ENE 2	E 4		E	.5
10	56.27	54.93	26.2	28.6	ENE 3	E 6		E	4.6
11	56.25	55.45	26	28.4	E 5	E 4	E	E	2
12	56.75	55.60	27	29	ESE 3	ESE 4	ESE	ESE	6.4
13	56.87	56.10	26	27.4	SSE 1	SE 3		SE	8.4
14	57.02	57.08	25.6	27.6	SE 3	SE 3	SE		.8
15	60.47	59.62	24.4	24.4	Calm	ENE 2			106.7
16	61.40	60.73	26.4	23.6	E 1	SE 1			73.7
17	61.13	59.03	25.4	29.2	ENE 2	ENE 3		ENE	
18	60.13	58.38	26.4	29.4	SE 1	SE 3		SE	
19	60.28	59.43	26.2	30.2	ESE 1	SE 2		SE	
20	61.33	59.63	26.4	29.8	SE 1	SE 3		SE	.5
21	60.83	59.35	27	29.6	E 1	E 4		E	
22	59.78	58.15	26.4	28.8	ENE 2	E 3		E	
23	58.95	57.63	26.4	29.4	E 1	E 4	E	E	3.8
24	58.35	58.55	25	27	Calm	WSW 1			12
25	60.45	59.30	25.8	29.4	Calm	SE 2			.8
26	61.05	59.85	26.4	29.4	Calm	ESE 3		E	
27	59.60	58.48	27	30	Calm	NE 2			
28	59.60	58.73	27	29.8	Calm	E 2		E	3.8
29	61.60	60.36	27	29.8	Calm	ESE 3			.8
30	61.25	59.55	27	29.2	Calm	ENE 3		ENE	2.8
31	59.98	58.83	27	29.8	Calm	E 3			
Mean	59.39	58.14	26.1	28.7	1.5	3.3			
Total									243.7

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.
1	59.93	58.60	27	30	E 1	E 3			
2	59.60	58.05	27	30.6	ENE 1	E 2		E	
3	59	57.85	26.8	30	Calm	ESE 3			
4	58.88	57.43	27	29.2	ENE 1	ESE 3			
5	59.30	57.80	26.8	30.2	E 1	ENE 3			
6	59.55	58.63	27.6	28.4	Calm	NE 2			
7	59.58	58.70	27	30.2	ENE 1	SE 3		SE	
8	60.03	58	27	30.2	E 1	ESE 3		ESE	6.4
9	60.30	58.70	26.2	30	Calm	SE 2		SE	
10	61.13	60.40	27	28	ENE 1	ENE 3			3
11	61.03	59.83	27	29	ENE 1	E 3			5.6
12	60.95	59.93	25.6	30	E 1	E 3		E	6.3
13	59.85	58.58	26.4	29	E 2	E 3			2.5
14	60.80	59.98	26.2	29.4	E 2	ESE 3	E	ESE	
15	59.88	58.30	27	29.4	ENE 2	ENE 3		ENE	
16	59.35	57.88	26.4	29.4	ENE 2	ENE 3		ENE	3.8
17	58.97	56.73	27	29.6	ENE 1	E 3		E	1.3
18	58.35	58.62	27	25	ESE 1	ENE 1			28
19	59.85	58.60	25.4	28.6	ENE 2	E 2			1.3
20	59.03	58.43	27	27	ENE 1	ESE 3			14.5
21	59.25	58.33	26	29.4	E 1	ESE 3		ESE	.8
22	59.88	58.10	26.6	29.4	E 1	ESE 3			2
23	58.57	57.25	26.4	29.6	Calm	E 3		E	.5
24	58.50	57	27	29.8	E 1	E 3		E	
25	58.33	57.70	27	30	E 1	E 3			
26	58.71	57.70	27.2	29.8	E 1	E 3			
27	58.08	57.25	26.8	29.2	E 1	ENE 2			
28	59.33	57.95	27	30.2	E 1	E 3		E	3.8
29	59.48	57.83	26.6	28.6	ENE 1	ENE 3			8.9
30	58.65	57.70	27	25	ENE 1	ENE 2			34.3
31									
Mean	59.47	58.26	26.7	29.1	1	2.7			
Total									123

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.
1	58.65	58.18	26.8	28.2	E 1	SE 3			5.3
2	59.68	58.90	26.8	29.8	Calm	ESE 2			9.1
3	61.03	59.45	26.8	29.6	Calm	ESE 3			8.9
4	61.35	59.78	25	28	Calm	SE 2			11.4
5	61.35	60.25	26.6	29.2	Calm	ESE 3		ESE	
6	60.85	59.85	27	29	Calm	SE 2			6.4
7	60.30	59.40	25.4	27.4	Calm	NE 1			13.9
8	60.60	58.75	25.6	28.8	Calm	SSW 3			
9	59.75	58.73	25.8	29.4	Calm	S 2			.8
10	59.17	57.88	25.8	29.8	Calm	SE 2			.8
11	58.75	58.23	26.2	29	SE 1	SE 3		SE	1.3
12	59.18	57.70	26.2	30.6	Calm	SE 2			
13	57.95	56.95	27	29.4	SE 1	SE 2		SE	.8
14	58.20	56.58	27	29.8	Calm	SE 3			
15	58.18	57.05	27	30.6	Calm	ENE 2			
16	58.82	57.68	25	28.6	Calm	ENE 2		NE	
17	58.05	57.38	26.4	28	Calm	WSW 1			5.1
18	59.20	57.30	27	30.4	Calm	ESE 3			1.3
19	59.18	57.26	27.2	29.6	Calm	E 3		E	
20	58.28	57.93	27.4	31	E 1	ESE 2			
21	58.65	58.01	27	30	Calm	ENE 1			
22	57.05	55.70	27	30	Calm	SW 3			
23	54.80	54.18	27.4	29	SW 3	SW 3	SW	SW	6.4
24	54.57	54.10	24.8	29	SSW 3	SSW 3		SW	22.9
25	55.78	55.68	26.8	28.6	SSW 4	SSW 3	SW	SW	11.4
26	57.60	57.22	24.4	27.2	SW 1	SSW 3			39.4
27	58.20	57	24	27	WSW 2	W 2			38.1
28	56.27	54.05	24.2	29.2	WSW 2	W 3		WSW	35.6
29	55.52	54.55	26.2	29.2	WSW 3	WNW 3			1.5
30	55.73	55.13	26.8	23.6	W 2	WSW 2			7.9
31	56.67	55.48	26	29	SW 1	SW 1	SW		29.4
Mean	58.37	57.30	26.2	29.1	0.8	2.4			
Total									257.7

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.
1	56.48	55.55	26.6	29.4	Calm	SW 2			
2	56.55	56.08	26.6	29.8	Calm	SW 2			
3	57.15	56.35	27.8	29	Calm	SW 2			3
4	57.13	56.55	26.8	30.4	Calm	WSW 2			8.9
5	57	57.65	26	24.8	Calm	SW 3			11.4
6	57.85	57.63	26	28.4	Calm	SW 3			5.1
7	58.90	57.93	26.2	29.4	Calm	SW 1			3.3
8	58.45	57.73	26.8	29.6	Calm	S 1			2.5
9	58.08	56.86	28	29.8	ENE 1	E 3		E	
10	58.23	57.65	26.8	29.2	S 1	S 2		S	5.1
11	58.97	57.75	24.2	27	Calm	Calm			10.2
12	58.75	56.73	26.8	29	Calm	WSW 2			1.3
13	57.20	56.53	26.4	29.8	Calm	WSW 2			
14	58.45	57.83	27	29.4	Calm	SW 3			
15	59.68	58.80	26	30.4	Calm	ENE 1			
16	58.90	57.46	27	29.6	ENE 1	ESE 3			
17	58	57.43	27	29.8	ENE 1	ENE 3			3.8
18	58.90	57.68	25	28	S 1	SSW 2			1.3
19	58.95	57.55	26.4	29.4	Calm	W 1			2.5
20	59.30	58.53	27.2	29.8	Calm	ENE 2			1.3
21	59.60	58.70	26.6	27	ENE 1	ENE 2			3.8
22	58.95	57.08	26.8	28.6	E 2	NNE 1			
23	57.98	57.33	27	29	Calm	ENE 2			2.5
24	57.05	55.65	27	27.6	ENE 2	ENE 1			7.6
25	56.15	55.32	25.2	25.8	Calm	S 2			19
26	57.07	56.80	25.4	27.4	SW 1	SSW 1			14.2
27	58.37	57.83	25.2	28	Calm	S 1			8.9
28	58.42	57.70	26.2	30	ENE 2	ESE 3		ESE	7.6
29	59.40	58.25	24.4	28.6	E 2	ENE 3			3.8
30	58.12	57.02	25	27	Calm	SW 1			7.9
31	57.87	57.62	26	25	SW 1	SW 1			16.5
Mean	58.13	57.28	26.3	28.6	0.5	1.9			
Total									151.5

SUMAY, GUAM (LADRONE ISLANDS).

[ϕ=13° 24′ N ; λ=144° 38′ E ; barometer above sea, 20.4 meters ; gravity correction not applied, —1.76 mm.]

Day.	SEPTEMBER.									OCTOBER.								
	Pressure, 700 mm.+		Temperature.		Wind direction, and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Wind direction, and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	57.77	57.03	25.2	28.8	Calm	SSW 2	------	------	11.9	60.10	57.68	27	30.4	Calm	SE 2	------	------	1.5
2	58.57	57.35	25.4	26.8	Calm	SW 2	------	------	66	59.33	57.63	27.6	29.4	Calm	SE 3	------	------	1.5
3	58.25	57.73	25	27.6	ESE 1	ESE 3	------	------	14	59.98	58.23	26.2	27.6	Calm	E 3	------	------	3.8
4	58.45	56.60	26.8	29.4	ESE 1	E 3	------	------	3	59.43	57.08	25.8	26.4	Calm	SW 2	------	------	77.5
5	58.02	57.38	26	29.2	Calm	NNW 1	------	------	5.1	59.22	57	23.4	28.4	SE 2	S 3	------	------	19.1
6	58.10	56.75	27	31	Calm	SE 2	------	------	------	58.87	58.60	24.8	25.2	SE 2	ESE 3	------	------	38.1
7	58.60	57.10	27	30.4	E 1	ENE 2	------	------	7.6	59.90	59.60	24	28.2	SSE 2	SW 3	------	------	------
8	59.47	58.10	25.4	29.6	SSE 1	E 2	------	------	.8	60.58	59.03	27.2	29.2	ENE 2	ENE 4	------	------	------
9	59.38	58	26.6	28	ENE 1	ENE 3	------	------	4.3	59.35	57	27	28.4	ENE 2	ENE 4	------	------	8.9
10	58.88	57.43	26.8	29	ENE 2	ENE 3	------	------	1.5	58.87	58.20	24.4	25.4	SW 2	Calm	------	------	21.6
11	59.38	58.20	26	30	SE 1	SSE 3	------	------	11.4	60.47	58.85	24.4	26.6	Calm	ENE 2	------	------	5.1
12	59.35	58.06	27.4	30.2	E 1	E 3	------	------	1.3	60.07	59.15	26.2	27.4	Calm	ENE 2	------	------	7.6
13	59.20	58.15	26.8	28.6	ENE 2	ENE 3	------	------	3.8	60.30	58.93	26.4	28	ENE 2	ESE 3	------	------	43.1
14	59.85	58.18	26.8	28.4	E 1	E 4	------	------	15.2	61.05	58.48	24.4	27.2	SSE 1	NE 1	------	------	------
15	59.77	58.83	25.4	28	SE 1	ESE 3	------	------	12.7	59.45	57.95	26.6	29.4	SE 1	SSE 1	------	------	------
16	59.43	57.90	27	30.2	ENE 2	E 4	------	E	7.6	59.38	57.83	27	29.8	SE 1	SE 2	------	------	3.8
17	59.38	58.50	25.2	30	E 1	SE 1	------	------	------	59.55	57.98	26	25.6	Calm	SSE 1	------	------	10.6
18	60	59.50	27	29	E 1	ENE 3	------	------	------	59.50	58.45	25.6	27	Calm	SW 1	------	------	3.3
19	58.68	57.05	25.4	28.6	Calm	WNW 1	------	------	1.5	59.70	58.33	26.8	28	Calm	SW 3	------	------	------
20	58.40	56.65	25	29.2	Calm	SE 3	------	SE	3.8	60.30	58.20	27.2	29	SE 1	SE 2	------	------	------
21	59.45	58.13	24.6	29.6	Calm	ESE 2	------	------	15.2	59.98	57.53	26	29	Calm	ENE 2	------	------	6.4
22	59.38	58.13	26.4	25.4	Calm	NW 3	------	------	14.2	58.85	57.70	26.8	30.4	ENE 2	E 3	------	------	3.8
23	58.32	55.88	24.6	28	Calm	N 1	------	------	2.5	58.98	57.03	26	28.4	Calm	SSE 1	------	------	1.8
24	56.32	55.32	26	27	Calm	S 1	------	------	78.7	58.97	58.27	25.4	26	Calm	SW 1	------	------	12.2
25	55.87	56.38	25.8	29.6	Calm	SE 1	------	------	15.2	59.50	57.45	26	29.6	Calm	ENE 3	------	------	.5
26	58.70	57.13	24.8	29.4	Calm	SE 3	------	------	5.1	58.32	57.35	26	29.4	ENE 4	ENE 4	------	------	4.3
27	58.05	56.03	26.2	29.6	Calm	SE 3	------	------	12.7	57.07	56.70	25.6	25	ENE 4	SSE 2	------	------	26.7
28	57.97	56.13	25.2	29.2	ENE 1	ESE 3	------	------	1.3	58.50	56.45	25.8	27.8	Calm	NE 2	------	------	4.5
29	58.15	57	26	29	E 1	ESE 3	------	------	------	58	56.78	27	26	ENE 2	ENE 1	------	------	8.9
30	59.10	58.10	27.2	29	Calm	S 2	------	------	2.5	57.45	54.20	27	29	ENE 1	ENE 4	------	------	5.1
31	------	------	------	------	------	------	------	------	------	55.27	54.23	26.8	29.2	Calm	NE 1	------	------	------
Mean	58.67	57.42	26	28.9	0.6	2.4	------	------	------	59.24	57.67	26	27.9	1	2.2	------	------	------
Total	------	------	------	------	------	------	------	------	318.9	------	------	------	------	------	------	------	------	319.7

Day.	NOVEMBER.									DECEMBER.								
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	57.27	56.03	26.2	29.4	Calm	SW 2	------	------	------	58.37	57.33	26	28.6	ENE 2	ENE 4	------	------	2.5
2	58.77	57.30	26	29	Calm	NE 1	------	------	57.1	59.15	57.23	26	28.4	ENE 2	ENE 4	------	------	------
3	58.98	57.15	26.8	29.6	ENE 0	E 4	------	------	25.4	60.07	58.08	26.4	28.4	ENE 2	ENE 6	------	------	1.3
4	58.87	57.23	26.2	29.4	Calm	ENE 3	------	------	------	60.27	58.70	26	28.4	ENE 2	ENE 6	------	------	------
5	59.05	57.68	26.6	29.4	E 3	E 4	------	------	------	60.68	58.70	26	28.4	ENE 3	ENE 5	------	------	1.3
6	58.77	57.55	27	29.4	E 3	E 4	------	------	2	59.05	57.10	26.6	28.4	ENE 3	ENE 5	------	------	2.6
7	58.32	56.50	27	29.6	ENE 1	E 3	------	------	6.4	58.33	56.53	26	28.8	ENE 2	ENE 3	------	------	2
8	59.07	56.93	26	29	ENE 1	E 3	------	------	------	58.77	56.85	25.4	29	ENE 2	ENE 3	------	------	3
9	58.07	56.55	26.4	28.6	ENE 2	ESE 4	------	------	5.9	57.77	57.23	26	29.2	ENE 2	E 3	------	------	------
10	57.05	56.18	26	28.8	Calm	SE 2	------	------	.8	58.50	57.50	26.4	29	ENE 2	E 4	------	------	1.3
11	57.98	56.98	27	29.4	ESE 1	ESE 2	------	------	2.5	58.75	56.93	26.4	29.4	ENE 2	E 3	------	------	4.6
12	59.48	57.98	26.4	30	SE 1	E 3	------	------	------	57.68	56.83	26.4	29	E 2	E 4	------	------	------
13	60	58.93	27	29.4	ENE 1	ENE 4	------	------	10.2	58.98	56.68	26.4	29	ENE 2	ENE 4	------	------	------
14	58.37	55.68	26	27.4	ENE 3	ENE 5	------	------	7.7	58.27	56.75	26.4	28	ENE 3	E 5	------	------	6.4
15	58.25	56.53	26.4	29.6	ENE 1	ESE 2	------	------	14	58.57	57.48	25.6	27	E 2	ENE 3	------	------	27.9
16	58.35	57.43	25.4	29	Calm	ESE 2	------	------	11.4	58.22	57	25.6	26	E 2	Calm	------	------	16.6
17	59.17	57.38	26	28.4	ENE 3	ENE 4	------	------	3	57.30	55.63	25.6	29.4	SE 1	SE 4	------	------	6.4
18	58.57	56.77	26.4	26.8	ENE 2	E 3	------	------	6.4	57.15	56.30	26	29	SE 1	ESE 2	------	------	5
19	57.23	55.63	27	27.6	E 4	E 4	E	------	4.3	57.70	56.35	25.6	26.4	SE 1	Calm	------	------	12.7
20	58.95	57.63	27	29.8	E 3	E 4	------	------	------	58.02	57.30	27	28.8	E 1	ESE 4	------	------	10.4
21	59.12	57.05	26.4	29	ENE 3	E 5	------	------	2	59.40	58.53	25	29	Calm	SE 3	------	------	8.9
22	59.57	58.03	26.6	28.6	ENE 2	ENE 2	------	------	3	59.65	57.75	26.4	27.4	Calm	ENE 1	------	------	4.5
23	58.87	57.18	26.4	29	ENE 4	E 3	------	------	------	59.75	57.93	26.4	29.2	E 1	ESE 3	------	------	------
24	58.10	57.48	26	29	ENE 2	ENE 4	------	------	.8	59.82	58.28	24.8	29.4	Calm	E 2	------	------	------
25	58.47	56.20	26.8	28.6	ENE 3	ENE 5	------	------	1.3	61.05	59.33	26	29.4	ENE 1	E 2	------	------	------
26	58.37	56.68	25.8	27.6	ENE 4	ENE 5	------	------	1.3	60.10	58.65	25.6	27.8	E 3	ENE 4	------	------	1.3
27	58.07	57.08	26.2	28.6	ENE 2	ENE 4	------	------	1.3	60.65	58.95	25.4	28.2	ENE 2	E 4	------	------	2.5
28	57.68	56.13	26.4	28.4	ENE 4	ENE 4	------	------	2.5	60.15	58.43	25.6	28.4	ENE 3	E 4	------	------	------
29	57.40	56.33	26.4	28	ENE 3	ENE 3	------	------	3	59.42	57	26.4	27.2	ENE 3	ENE 4	------	------	------
30	58.10	56.98	26.4	28.2	ENE 4	ENE 4	------	------	------	57.92	56.04	25.4	27.8	ENE 3	ENE 3	------	------	------
31	------	------	------	------	------	------	------	------	------	58.77	57.15	25.4	29	ENE 2	E 3	------	------	2
Mean	58.48	56.97	26.4	28.8	2	3.4	------	------	------	58.98	57.44	25.9	28.4	1.8	3.4	------	------	------
Total	------	------	------	------	------	------	------	------	172.3	------	------	------	------	------	------	------	------	123.2

VIRAC.

[φ=13° 35′ N; λ=124° 14′ E; barometer above sea, 8 meters; gravity correction not applied, —1.76 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	59.06	58.19	26	29.5	NE 1	E 2	NE	NE	8.1
2	59.48	58.74	25.3	28	NNE 2	NE 1	N	NE	5.1
3	61.20	60.20	24	28	NW 1	NE 3	E	NE	8.2
4	61.18	60.05	25.5	28.6	ENE 2	NE 3	E	NE	7.9
5	60.99	60.13	26.3	29.4	NE 2	NE 3	NE	NE	1.8
6	59.84	59.16	25	29.6	NE 2	NE 3	NE	NE	1.1
7	59.08	58.04	24.7	28	NE 2	NNE 3	NE	NE	.3
8	58.48	57.69	25.3	29.5	NNE 1	NNE 2	NE	NE	23.1
9	58.01	57.92	25.6	28	NNE 2	ENE 3	NE	NE	.8
10	58.68	57.68	25.8	29.5	NE 2	NE 2	NE	NE	
11	57.86	56.65	25.8	29.4	NNE 1	NE 2	NE	NE	1.1
12	57.82	57.41	25	29.5	NNE 1	ENE 2	NE	NE	
13	57.86	56.89	20.6	29.5	NNW 1	E 2	NE	NE	
14	57.67	56.99	20.5	28.9	NNE 1	E 2		NE	
15	58.89	57.90	23.5	30.5	WNW 1	ENE 2	NE	NE	.8
16	60.13	59.42	23.6	28.2	NE 1	ENE 3	NE	NE	2.1
17	59.92	58.37	24.5	29.1	NNE 1	NNE 2	NE	NE	
18	58.82	58.68	24.8	23.6	ENE 1	S 1	NE	NE	24.9
19	59.76	58.82	22.9	24.6	WNW 1	NNE 3	N	NE	33.6
20	60.38	59.57	24.5	28.4	NNE 2	NE 2	NE	NE	2.5
21	60.07	60.05	25.3	29	NE 2	ENE 2	NE	NE	.5
22	61.04	59.68	20.5	28.9	W 1	ENE 3	NE	NE	2.5
23	60.98	59.83	22	29.9	SW 1	ENE 2	NE	NE	
24	60.29	58.94	21.6	27	WSW 1	ENE 2	NE	NE	1
25	60.46	59.32	23	28	NE 1	SSW 1	NE	NE	5.8
26	60.96	60.19	22.1	26.6	W 1	NNE 2	NE	NE	12
27	61.68	61.66	24	27.6	NNE 3	NNE 3	N	N	
28	61.53	60.61	23.1	28.4	NNE 1	NNE 1	NE	NE	.3
29	60.54	58.74	23	28.7	NW 1	NNW 1	NE	N	
30	59.18	58.59	24	25.6	W 1	NW 2	NW	NW	25.9
31	60.28	59.08	24	25.5	NNW 2	NNE 3	NW	NE	20.6
Mean	59.75	58.88	23.9	28.2	1.4	2.2			
Total									190

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	61.22	60.12	24.4	26.5	NNE 3	N 3	NE	N	7.1
2	62.16	61.72	24	25.3	NNE 3	NNE 4	NE	NE	10.2
3	62.05	61.49	24.5	26.5	NNE 5	NNE 5	NE	NE	8.4
4	61.78	59.59	23.5	28.8	ENE 4	NE 3		NE	12.7
5	59.87	58.41	23.5	28.6	WSW 1	ENE 2	NE	E	.6
6	59.12	58.20	25.5	28.9	NE 1	ENE 1	NE	NE	6.4
7	59.52	57.94	25.3	29.1	ENE 1	ENE 2	NE	NE	3.3
8	58.37	57.34	25	29.5	NE 1	E 2	E	NE	
9	57.93	56.97	25.1	29.1	NNE 1	NE 2	NE	NE	9.4
10	58.72	57.56	23	29.6	NE 1	ENE 2	NE	NE	16.3
11	58.64	57.81	24.5	28.4	NNE 1	E 2	E	E	.8
12	58.92	57.68	23.2	24.7	E 1	E 2	E	NE	101.6
13	59.39	58.58	22.5	25.1	NNE 1	SSE 5		NE	64.5
14	60.02	58.71	25.5	28.2	ENE 1	NE 2	NE	NE	
15	59.96	58.69	25.6	28.9	ENE 1	ENE 2	NE	E	1.8
16	59.46	57.85	25.8	29.7	ENE 2	ENE 2	ENE	ENE	.5
17	58.91	57.01	22.9	28.1	ENE 1	ESE 2	NE	E	
18	58.94	57.75	20.8	29.8	NW 1	ENE 2	E	N	
19	59.02	59.17	21.5	27.5	WNW 1	ENE 2	NE	NE	2.8
20	60.77	60.54	25.3	29.4	NE 1	ENE 3	NE	NE	
21	61.08	60.09	21.5	28.7	NNW 1	ENE 3	NE	NE	
22	60.85	58.95	19.7	29.4	NW 1	E 3	NE	NE	
23	60.48	58.91	20.2	28.3	N 1	NNW 2		N	
24	59.84	59.53	21	29.1	NW 1	ENE 3		NE	
25	59.92	58.90	25.1	29.9	NE 1	ENE 3	NE	ENE	.3
26	59.08	59	23.5	29	NW 1	E 2	ENE	ENE	
27	59.05	58.06	20.5	27	WNW 1	ENE 2	NE	NE	18.8
28	58.74	58.04	22	29.7	W 1	ENE 2	E	NE	
29									
30									
31									
Mean	59.78	58.74	23.4	28.3	1.4	2.5			
Total									265.5

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	58.69	58.19	22.5	30.2	WNW 1	S 2	SE	S	2.8
2	58.07	57.29	24	29	NNE 1	ENE 3	NE	NE	.8
3	58.03	57.71	21.7	29.2	NNW 1	ESE 2	NE	NE	
4	58.99	58.04	21.8	28.7	WNW 1	ESE 2	NE	E	9.4
5	59.12	58.81	21.5	29.1	WNW 1	SE 2	NE	E	.3
6	59.07	58.67	24	23.7	ESE 4	ENE 1	E	E	10.2
7	59.19	58.64	24.5	27.8	NNE 1	NNW 2	E	NE	.6
8	59.43	58.93	25	30.3	WNW 1	NE 3	NE	NE	
9	59.97	59.58	25.7	29	NNE 2	NE 4	NE	NE	5.9
10	61.33	61.09	25	28	NE 2	ENE 2	NE	NE	
11	61.11	60.34	21.6	28.5	WNW 1	E 2	E	NE	9.2
12	61.58	60.25	22.2	28.5	NW 1	E 2	NE	E	3
13	60.91	60.54	25	28.5	ENE 2	ENE 3	NE	NE	1
14	61.05	60.91	24.3	28.2	NNE 2	NE 2	NE	NE	.5
15	60.66	59.22	22	27.5	NE 1	NNE 2	NE	NE	.3
16	57.69	55.27	24.5	24.9	SSW 1	SSW 1	NNW	NNE	76.8
17	53.07	49.43	24.4	26.6	NNW 3	ESE 2	NNW	NNW	15.2
18	54.64	55.61	24.3	26.9	W 1	WNW 2	S	NW	5.6
19	57.60	57.26	23.7	29	NEbyN 1	ESE 1	E	E	
20	58.91	58.11	25.4	29.4	ESE 1	ESE 2	SE	E	7.6
21	59.25	58.84	23.9	28.6	NW 1	ESE 2	E	E	23.9
22	59.45	58.45	24.5	29.3	NNE 1	E 3	E	E	23.6
23	59.16	58.79	23	29.3	NNE 1	ESE 2	E	E	1.1
24	60.74	59.69	23	28.2	NWbyN 1	E 2	E	E	10.5
25	61.85	60.78	25.7	29.7	NEbyE 2	E 3	E	E	.3
26	61.51	61.26	22	30.2	ESE 1	ENE 2	NE	NE	1.1
27	60.44	59.76	25.7	28.6	NNE 1	ENE 2	E	NE	18.3
28	59.55	59.09	23.3	29.9	WNW 1	ENE 2	E	E	1.3
29	59.28	58.86	26.3	30	ENE 3	E 3	E	E	1.1
30	58.31	57.86	26	29.5	ENE 2	ENE 3	E	E	4.9
31	58.27	57.78	25.8	26.7	NE 1	NE 1	E	E	9.4
Mean	59.26	58.55	23.9	28.5	1.4	2.2			
Total									244.7

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	58.94	58.49	26	30.4	NE 1	ENE 3	NE	E	
2	59.58	58.66	23	29.6	NNW 1	ENE 3	E	NE	6.6
3	59.05	58.79	24.4	27.1	WSW 1	ENE 1	E	E	12.4
4	58.31	57.63	26.6	28.9	NE 2	ENE 3	NE	E	1.3
5	58.54	57.98	25.9	30	NE 1	ENE 2	E	NE	2.5
6	59.15	58.48	23.9	30.2	NW 1	ENE 2	E	E	.5
7	59.59	58.58	23	29.5	WNW 1	ENE 2	E	NE	3.6
8	59.28	58.13	23.5	30	NNW 1	ENE 2	E	NE	
9	58.40	58.26	22.3	31.2	W 1	ENE 2	E	E	1
10	59.04	57.82	24	29.3	NNW 1	ESE 3	NE	E	
11	59.08	57.54	22.8	30.6	NNW 1	E 3	E	E	
12	58.49	57.60	22.1	30.6	NW 1	E 3	NE	E	
13	58.84	58.54	22.6	30.3	NW 1	E 3	E	E	
14	59.60	58.75	23.6	30.1	WSW 1	ESE 2	NE	E	
15	60.24	59.94	26.9	31.3	ENE 1	ESE 2	E	E	
16	59.61	59.04	26.8	29.9	NE 1	E 2	E	E	.3
17	59.06	57.59	21	29.9	W 1	SE 1	E		
18	57.47	56.26	21.5	28.5	NW 1	SE 1		NE	
19	56.64	56.70	21.1	29.8	NNW 1	SE 1	NW	NE	
20	57.45	56.36	21.2	29.1	NW 1	S 1		NE	
21	57.19	56.05	22.5	30.5	WSW 1	SSE 2		NE	
22	56.67	56.46	25	28.2	NNE 1	NE 1	E	NE	34.2
23	56.37	55.49	25.8	29.5	ENE 2	E 2	NE	NE	19
24	57.02	57.64	26.5	28.7	ESE 4	ESE 3	E	E	10.7
25	59	58.24	27.5	29.3	ESE 3	ESE 2	E	E	.3
26	59.69	59.06	26.6	27	ENE 1	ENE 2	E	NE	3.8
27	59.50	58.76	26.5	29.8	ENE 1	ESE 2	NE	NE	
28	59.65	59.07	22.9	29.3	WSW 1	ESE 2	E	E	1
29	59.64	58.99	24.5	30.6	NNE 1	E 2	E	E	33
30	59.92	59.03	22.5	30.3	WNW 1	E 2	E	NE	1.5
31									
Mean	58.70	58	24.1	29.6	1.2	2.1			
Total									181.7

VIRAC.

[ϕ=13° 35′ N; λ=124° 14′ E; barometer above sea, 8 meters; gravity correction not applied, −1.76 mm.]

Day.	MAY.										JUNE.									
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.		Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.			6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.		mm.	mm.	°C.	°C.					mm.
1	59.34	58.26	23	31	WNW 1	E 2	E	NE	0.8		58.54	57.46	28	30.5	ESE 3	ESE 3	E	ESE	------
2	58.33	56.50	23.5	30.4	NW 1	E 2	E	NE	1.8		58.56	56.93	25.6	30.5	WSW 1	SE 3	SE	ESE	2.8
3	58.05	56.65	23	30	W 1	ENE 2	E	NE	.8		57.95	56.79	24.5	30	WSW 1	ESE 4	SE	E	1
4	58.13	56.66	23.5	28.7	WNW 1	ENE 3	E	NNE	.8		57.46	56.33	23	30.5	NNW 1	E 4	E	E	.5
5	57.40	55.42	23.3	30.9	WSW 1	NW 2	NW	NW	26.2		57.92	57.86	27.4	30.5	NE 1	ESE 4	NE	E	3
6	54.01	53.68	25.2	28	WSW 2	W 3	NW	W	6.4		59.18	58.39	24	30.5	W 1	ENE 3	E	NE	1
7	55.08	54.59	27	30.8	S 2	S 2	S	S	------		59.17	58.06	24	30	NW 1	ESE 3	NE	E	------
8	55.02	54.57	25.6	31.6	W 1	S 2	SW	SW	------		59.04	58.36	23.5	30.2	NW 1	E 3	------	E	1.3
9	56.21	54.74	25	30.8	WNW 1	SSE 2	SW	W	------		59.07	57.84	27.3	30	NE 2	ESE 3	SE	SE	1.6
10	56.63	55.70	24	29.6	NNW 1	ESE 2	E	S	------		59.21	58.79	25.9	30.5	NNW 1	ESE 2	E	E	------
11	57.65	56.71	23.6	29.8	NNW 1	ESE 2	------	E	------		59.89	60.11	27.9	28.4	NE 2	ENE 3	SE	E	21.8
12	57.63	57.19	23.5	29.6	NNW 1	ESE 3	E	E	------		60.61	59.60	26.7	27.8	ENE 2	E 3	E	E	1.3
13	57.83	56	22.5	30	NW 1	E 3	E	NW	------		59.20	57.71	24.5	30.5	SW 1	ENE 2	E	E	19.6
14	57.34	56.11	22.5	29.6	NW 1	ESE 3	------	NW	11.7		59.33	58.78	24.2	30	NNW 1	ESE 4	SE	E	1.3
15	57.53	57.04	21.8	29.3	W 1	E 1	------	W	.8		59.20	58.16	24	30.7	WNW 1	E 3	E	E	9.1
16	57.65	56.69	22.3	31.8	SW 1	W 2	------	W	------		58.67	57.99	24	30.2	NW 1	E 2	E	E	3.3
17	57.98	56.19	23.4	30.7	WSW 1	SSW 2	------	W	------		58.58	57.53	24	31.3	NW 1	E 2	E	E	------
18	58.13	56.94	24	30.3	SW 1	ESE 1	W	W	.3		57.40	57.56	24.4	28.2	NbyW 1	NbyE 2	------	NE	7.2
19	58.92	57.06	24.2	30.7	WNW 1	SSE 1	W	W	3.3		58.31	58	27	28.7	NE 2	E 2	SE	E	7.9
20	59.68	58.69	24.5	29.6	WNW 1	ESE 1	------	WSW	------		58.02	57.02	24	29.4	NNW 1	NNE 2	ESE	NE	8.1
21	59.63	58.88	24.7	30	WSW 1	ESE 3	------	E	8.9		58.63	57.41	24.2	29.2	NE 1	ESE 2	E	SE	1.3
22	59.72	57.75	24.4	29.7	WNW 2	ESE 2	SE	E	.7		58.49	57.70	24.2	29	WNW 1	ENE 1	SE	SE	29.7
23	57.54	56.63	27.6	29.5	ESE 1	E 2	SE	E	------		57.43	56.41	25.5	29	ESE 2	E 2	------	SE	9.7
24	57.21	55.91	25.3	30.5	W 1	ESE 1	S	SE	------		56.80	56.01	24.2	29.2	NbyW 1	E 2	SE	E	.8
25	57.38	56.54	26.2	30.4	W 1	SE 1	SE	SE	------		56.68	55.90	23.5	29	NW 1	NbyW 1	------	SE	14.7
26	57.99	56.22	26.6?	31.8	SW 1	SW 1	SW	W	------		56.78	55.67	23	31	W 1	SSW 2	------	W	.8
27	56.28	55.84	26	31.9	W 1	SSW 1	S	W	------		57.46	56.84	27.4	29.3	SSE 2	ESE 2	SE	E	1.3
28	56.86	55.74	26.4	31.2	W 1	S 1	W	W	------		58.01	56.96	27.6	30	SbyE 3	E 2	SE	E	------
29	58.13	57.34	26	31.2	NW 1	SE 1	SE	SE	------		58.22	57.49	24.5	29.2	NW 1	SbyE 3	SE	E	1.8
30	59.10	58.03	24.3	30.5	WNW 1	ESE 2	------	E	------		58.25	57.06	25	29.6	SSW 1	E 1	SE	SE	7.4
31	58.50	57.25	27.2	29.3	E 2	E 2	E	E	------		------	------	------	------	------	------	------	------	------
Mean	57.64	56.50	24.5	30.3	1.1	1.9	------	------	------		58.40	57.56	25.1	29.8	1.3	2.5	------	------	------
Total	------	------	------	------	------	------	------	------	62.5		------	------	------	------	------	------	------	------	158.3

Day.	JULY.										AUGUST.									
	mm.	mm.	°C.	°C.					mm.		mm.	mm.	°C.	°C.					mm.
1	57.53	55.83	24	27.5	NNW 1	E 1	NNE	NNE	4.6		57.23	56.34	24.2	33.5	W 1	SW 2	------	W	------
2	57.20	57.22	24	28.5	WSW 1	W 1	------	E	.5		56.75	55.32	23.5	30.5	WSW 1	S 2	------	W	34.5
3	57.70	56.68	23.5	29.5	W 1	E 2	------	W	10.7		56.81	55.76	23.5	30.5	W 1	ESE 2	------	W	------
4	57.43	57.26	23.7	29.9	SE 1	SE 1	W	W	16.5		57.34	56.40	24	30.3	W 1	SE 2	W	W	------
5	59.66	59.11	24.5	30	W 1	ESE 2	E	SE	1.3		57.73	56.76	24	31	WNW 1	S 2	------	W	------
6	61.08	59.34	24.2	29.8	NW 2	ESE 2	NNW	ENE	.5		57.73	55.98	24.5	32	WNW 1	S 2	SW	SW	.5
7	60.11	59.19	23.5	30.2	W 1	ESE 2	E	SE	------		57.08	55.83	24.2	32	W 1	S 2	SW	W	------
8	59.81	58.66	23.5	30.5	NW 1	EbyS 1	ESE	W	------		56.66	55.94	25.7	31.2	W 1	S 2	W	SW	------
9	58.37	57.63	24	32	WSW 1	SSW 2	W	W	------		56.66	56.11	25.5	32	W 1	SSW 2	WSW	SW	------
10	58.23	57.53	23.7	32	W 1	SW 1	------	W	------		57.03	55.53	25.5	32	NW 1	SSW 3	SW	W	------
11	58.86	56.49	25	32.5	W 1	S 2	SW	W	3.6		57	55.84	24	32	W 1	SSW 2	SW	SW	------
12	57.25	55.94	24.7	31.5	W 1	SW 2	W	W	4.1		57.89	56.59	25.2	32.5	WSW 1	S 2	SW	SW	------
13	56.65	55.01	24.7	30.2	NW 1	S 3	W	W	10.4		56.40	54.85	24.5	33.4	W 1	S 3	SW	W	------
14	54.66	53.86	24	30.7	W 2	W 2	W	W	.8		55.85	55.64	25	31.2	WSW 1	SW 1	------	W	------
15	54.95	54.91	24.2	27.4	W 1	W 2	SW	SW	3.6		57.18	56.45	24.5	29	SW 1	SSW 1	W	W	24.4
16	56.43	55.24	26	31	WSW 1	S 3	SW	SW	------		57.58	55.80	24	31	WSW 1	S 2	------	W	32
17	57.45	57.14	24.4	30.5	W 1	S 2	SW	W	------		57.02	55.98	25	30.5	NW 1	ESE 1	SW	W	------
18	58.70	57.93	23.5	30.2	W 1	SW 2	SW	------	------		57.77	56.76	25.4	30.7	SE 1	ESE 1	ESE	ESE	------
19	57.71	56.91	23	29.5	WNW 1	NE 2	SE	E	17		57.29	57.01	24	30.2	NW 1	ESE 2	SE	E	------
20	57.66	57.18	23.5	29.5	W 1	ESE 2	E	E	1.8		57.30	56.63	23.6	29.2	NW 1	ENE 3	------	E	18.3
21	59.60	58.62	25.6	30.6	NNE 1	E 4	SE	E	2.6		57.67	57.01	25.4	29.9	NNE 1	E 3	SE	E	.5
22	59.16	57.73	25	31.5	NNE 1	E 8	SE	E	------		58.59	57.41	28.1?	30.5	SE 2	SE 2	SE	ESE	------
23	57.25	55.89	24	28	NNW 1	S 2	NW	NE	14.7		57.69	56.51	24	27.5	NW 1	WNW 1	N	NE	20.1
24	55.60	55.46	24	30.6	W 1	SSE 1	------	E	------		56.94	55.46	23.2	30	NNW 1	SE 2	SE	E	2.5
25	55.80	55.72	23.5	30.5	WNW 1	SSE 2	------	NW	------		55.75	55.01	24.5	31	NW 1	SW 2	SE	W	3.8
26	57.30	56.31	22.8	30.2	NW 1	SE 1	------	W	------		56.24	55.46	23.5	30.8	NW 1	SE 2	ESE	W	------
27	58.09	56.07	23.2	32.3	NW 1	SSW 2	------	W	------		56.79	56.37	24	31.4	NW 1	SE 1	SW	W	------
28	57.28	55.47	24.7	32.6	WSW 1	SW 2	SW	W	.5		57.48	55.64	24.6	32.1	W 1	SW 3	SW	WSW	------
29	56.32	55.04	25	31.5	SW 1	WSW 1	W	SW	------		56.80	55.28	24	32.2	W 1	S 3	SW	WSW	------
30	56.46	55.94	25.5	32.7	W 1	SW 1	SW	W	------		56.48	54.63	24.5	32.1	W 1	WSW 3	SSW	SW	------
31	57.68	56.62	24	33.2	W 1	SW 3	W	WSW	------		55.59	55	26	25.3	W 1	WNW 1	SW	SW	17.8
Mean	57.68	56.71	24.2	30.5	1.1	1.9	------	------	------		57.04	55.98	24.6	30.9	1	2	------	------	------
Total	------	------	------	------	------	------	------	------	93.2		------	------	------	------	------	------	------	------	154.4

VIRAC.

[φ=13° 35′ N; λ=124° 14′ E; barometer above sea, 8 meters; gravity correction not applied, —1.76 mm.]

Day.	SEPTEMBER.									OCTOBER.								
	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.	mm.	mm.	°C.	°C.					mm.
1..	55.62	54.74	25.7	30.5	W 2	SSW 3	WSW	WSW	------	57.78	56.72	25	32.5	W 1	S 2	SW	WSW	------
2..	55.78	54.92	25.5	32	W 1	SSW 3	S	SSW	------	57.01	56.29	25	27.8	W 1	WSW 1	NNW	NW	109.2
3..	55.87	54.76	27	29.2	W 2	WSW 3	SSW	WSW	3.6	56.33	56.06	24	28.3	W 1	SSW 2	E	SW	.3
4..	55.24	54.32	26	30.8	W 1	S 2	SSW	SW	------	58.09	57.88	25	31	SW 1	S 2	SW	WSW	------
5..	55.50	54.75	26.5	27.4	WNW 1	W 2	SSW	WSW	2	59.38	57.80	24.7	30.5	W 1	SE 2	SSE	------	
6..	55.63	54.29	25.5	31.6	W 1	S 2	WSW	SW	------	58.51	56.97	23	27	WSW 1	SW 1	------	SSE	1.8
7..	55.73	54.89	25	31.8	W 1	SE 1	SW	SSW	.8	57.40	56.89	23	28.2	W 1	ENE 3	------	NE	31.2
8..	57.07	56.95	25	27	N 1	NW 2	------	SE	2.6	57.65	57.14	24.7	28	W 1	SW 1	SW	SW	.3
9..	58.45	57.09	23.5	30.2	NW 1	ESE 2	------	E	2	58.03	57.11	25	29.2	W 1	SW 1	SW	------	------
10..	58.19	57.18	24.7	30.2	W 1	ESE 2	NE	E	------	58.61	57.81	22.7	29.2	W 1	SW 1	------	SSW	6.9
11..	58.06	57.96	27.7	31	SSE 2	SE 2	SE	SE	11.4	59.05	58.41	23	28.2	NW 1	SSW 1	------	W	------
12..	59.26	57.76	25	29.9	NW 1	E 3	ESE	S	6.9	59.09	58.21	23.1	27.5	NW 1	SW 1	------	W	.5
13..	58.43	57.58	24.2	25.9	W 1	E 2	NE	E	15	59.51	57.81	22	29	NW 1	W 1	------	NE	------
14..	58.25	56.99	23.5	28.5	W 1	ENE 2	ESE	E	22.1	59.40	58.35	23.5	25	E 2	NW 1	NW	NNW	15.2
15..	57.98	57.13	24.9	27	NW 1	NW 1	SE	E	19.3	59.91	58.82	24	28	SW 1	E 1	E	NNE	1.8
16..	57.59	56.46	25	28.5	NNE 2	E 2	NE	NE	27.7	59.92	58.28	22.7	26.7	W 1	W 2	E	WSW	4.3
17..	58.54	58.25	24	30.4	W 1	ESE 1	SSE	SE	------	60.46	59.03	23.6	27	WNW 1	SW 1	------	NNW	39.9
18..	60.08	58.76	23.6	28.8	W 1	ESE 2	------	E	------	60.23	59.64	23.8	29.1	S 2	E 3	NNW	NNE	.3
19..	60.18	57.85	23.2	28.5	W 3	SSE 1	ENE	ESE	------	59.96	58.79	25	31.7	E 2	WSW 2	NNW	N	------
20..	58.03	56.65	22.5	25.7	NW 1	NNE 2	NNE	------	11.7	59.46	58.41	22	28.5	W 1	W 1	------	NW	8.2
21..	57.16	57.16	26.7	26.4	ESE 6	ESE 1	SE	SSE	40.9	59.78	58.39	22.5	25.4	W 1	WNW 1	NNW	NNE	8.5
22..	58.90	57.69	23	30.5	NW 1	ESE 1	SSE	SE	------	59.33	58.44	26.4	28.2	NE 2	ENE 2	E	E	9.9
23..	58.39	57.02	22.8	27	W 1	NNE 1	------	W	3.3	59.15	58.37	24.2	27.2	WNW 2	WNW 1	NE	NNE	23.8
24..	55.95	53.93	23.7	30.3	NW 1	S 2	WSW	SW	------	58.86	57.44	25.5	31	NNW 2	E 2	NNE	ENE	1.3
25..	56.04	54.74	23.8	29	WNW 1	E 2	------	WSW	6.4	59.58	58.52	23	28.4	W 2	ENE 3	NNW	NNE	3.4
26..	55.88	54.19	24.4	29	SW 1	SE 2	WSW	W	32.6	60.42	57.60	24	30.6	W 1	E 3	NNW	NW	------
27..	55.03	53.74	24.2	31	W 1	SSW 2	W	SW	1.3	58.51	57.69	24.5	27.6	N 2	E 3	NNE	SW	1.8
28..	55.04	53.19	25	31	W 1	S 3	SW	SW	------	57.98	57.27	25.7	26.9	N 3	SW 1	NE	NE	22.6
29..	54.70	53.94	27.6	29.5	S 3	S 2	S	SSW	------	58.13	56.77	24.5	30.8	WSW 1	NE 3	NNE	E	6.4
30..	56.06	56.16	25.8	29.5	SW 1	SSE 4	SSW	S	------	57.28	54.99	25	29.5	WSW 1	NW 2	NE	ENE	7.1
31..	------	------	------	------	------	------	------	------	------	53.74	52.51	27?	27	NNE 4	NE 5	NE	ENE	28.7
Mean	57.09	56.03	24.8	29.3	1.4	2	------	------	------	58.66	57.56	24.1	28.5	1.4	1.8	------	------	------
Total	------	------	------	------	------	------	------	------	209.6	------	------	------	------	------	------	------	------	333.4

	NOVEMBER.									DECEMBER.								
	mm.	mm.	°C.	°C.					mm.	mm.	mm.	°C.	°C.					mm.
1..	53.11	53.61	25.5	------	ENE 8	ENE 8	E	ENE	68.3	58.70	57.83	22.9	26.6	NW 1	E 1	E	ENE	24.7
2..	57.08	57.15	------	28.6	ESE 5	E 3	E	ENE	2.8	58.54	57.14	24.5	30.5	NNW 1	NNE 3	NE	NE	4.8
3..	58.82	57.46	23.8	30.3	W 1	E 3	ESE	E	.3	57.18	57.34	------	24.4	N 4	E 5	NE	------	120.2
4..	58.65	57.81	23.2	30.4	W 1	NE 2	E	ESE	------	59.26	58.61	24.2	28.2	ESE 4	NE [illegible]	------	E	9.2
5..	58.55	57.76	24.7	28.5	N 1	ENE 1	ESE	E	7.9	60.76	59.33	26	29.6	ENE 3	E 3	E	E	1
6..	58.96	57.44	23.2	29.5	W 1	ENE 3	ENE	NE	1.3	60.80	59.34	24	29.3	N 1	E 3	E	E	3.3
7..	59.20	57.85	24	30.2	WSW 1	E 3	E	NE	------	58.99	57.50	26.2	30.2	NE 3	E 2	E	NE	1.8
8..	58.90	57.29	24.5	29.3	WNW 1	E 2	E	NE	22.4	58.60	57.18	23.4	30.2	W 1	W 2	E	WNW	------
9..	58.54	56.69	22.5	30	NW 1	S 1	------	W	.5	58.48	57.08	24	29.2	SE 3	NE 2	ENE	E	.8
10..	57.29	55.43	22.8	29.5	SW 1	W 1	------	NNW	------	58.11	58.11	26.2	28.5	NE 2	NNE 1	SE	SE	25.2
11..	57.03	55.55	22.5	27	W 1	W 1	------	NW	4.1	58.74	58.04	25.7	30.3	NE 1	NE 2	ENE	E	2
12..	56.79	54.96	23.1	27.4	WNW 1	W 2	------	NW	34.8	58.28	57.72	26.2	28.9	NNE 2	NE 3	ENE	NE	5.8
13..	55.67	53.03	24	25.5	NE 2	W 1	E	NE	27.4	58.22	56.93	26.5	30	NE 2	NE 3	ENE	E	5.9
14..	55.87	55.23	26.6	26.6	SE 4	E 3	SE	SE	8.9	57.85	56.59	22.5	29.6	NNW 2	E 3	------	SE	25.9
15..	56.88	55.81	25.5	29.2	WSW 1	E 3	SE	E	5.1	57.94	56.85	24	30	N 1	E 3	E	ENE	------
16..	57.44	56.07	23.8	27.3	NW 1	S 2	E	E	19.6	58.59	57.44	22.2	29.2	W 1	N 2	ENE	E	132.1
17..	57.41	56.80	26	28.7	ENE 2	ESE 3	ESE	E	4.2	59.27	57.75	23.7	26	NW 2	NNE 3	ENE	NE	2
18..	59.12	56.85	26	30	ENE 1	E 3	E	ENE	2.5	59.87	58.99	24	28.4	NE 2	NE 3	NE	E	------
19..	57.84	57.56	23.6	27	W 1	W 1	E	ESE	15.8	59.92	58.86	24.2	27.4	E 1	E 3	NE	NNE	------
20..	57.31	55.73	24.7	29.5	N 2	NNW 1	------	N	14.8	59.81	58.41	24.5	27.6	SSE 2	NW 2	NE	ENE	3.6
21..	56.38	54.33	24.2	25.8	WNW 2	SW 1	E	NNW	36.3	55.34	56.78	24.2	24.5	W 4	E 2	NW	------	78.5
22..	53.32	55.31	26.5	27.6	SSE 6	SSE 3	SSW	SE	25.9	56.50	55.10	23.6	27.2	SW 1	SSW 1	ENE	ENE	7.1
23..	58.25	56.69	27	29	ESE 3	E 3	SE	SE	4.7	56.03	55.48	25.7	27	ESE 4	E 2	NNE	NE	31
24..	58.16	57.64	26.5	28.8	NE 2	E 2	E	ESE	2.7	57.85	57.09	25	27.5	SSE 2	ENE 3	NE	NE	28
25..	57.96	57.21	26	29.2	NE 2	NE 2	ENE	ENE	3.6	59.44	58.56	24	29	SW 1	E 2	E	ENE	16.5
26..	58.47	57.73	25.5	26.2	NNE 1	NE 2	E	E	28.1	59.80	58.44	23.5	29.9	NNW 1	E 3	ESE	ESE	2.8
27..	58.71	57.26	26	29.2	NE 3	ENE 3	ENE	NE	3.6	60.65	59.76	25	29.5	NNE 3	ENE 4	NE	NE	27.9
28..	57.71	56.98	26	27.4	NNE 3	E 2	ENE	ENE	16.5	60.87	61.40	25	26	NNE 4	NE 5	NE	ENE	43
29..	57.61	57.35	25.5	29	NNE 2	E 2	ESE	E	17.9	61.61	59.91	24	26.5	NNE 3	N 3	NE	NE	------
30..	58.59	57.47	23.8	29	W 1	NE 3	E	E	7.6	60.13	59.69	24.8	28.2	SSE 2	E 2	NE	NNW	------
31..	------	------	------	------	------	------	------	------	------	60.21	59.39	24.8	26.2	NE 2	NNE 3	E	ENE	4.8
Mean	57.52	56.47	24.7	28.5	2.1	2.3	------	------	------	58.91	58.02	24.5	28.2	2.1	2.6	------	------	------
Total	------	------	------	------	------	------	------	------	387.6	------	------	------	------	------	------	------	------	607.9

NUEVA CACERES.

[ϕ=13° 37′ N; λ=123° 11′ E; barometer above sea, 8 meters; gravity correction not applied, —1.76 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.
1	59.48	57.70	21.8	30	Calm.	N 1	-----	E	0.3
2	59.95	58.56	24	29.4	N 1	N 3	NE	NE	-----
3	61.02	59.93	23.6	29.6	N 2	N 2	-----	-----	-----
4	61.42	60.19	24.2	26.8	Calm	N 3	E	NE	4.6
5	61.46	59.80	24	28.8	Calm	N 2	-----	-----	4.6
6	60.30	58.99	24	28	N 1	N 3	-----	-----	-----
7	59.32	58.25	23	28	Calm	N 2	-----	-----	1
8	59.20	58.07	21.6	26.2	Calm	N 2	-----	E	.5
9	58.36	57.73	23.8	31	Calm	ESE 3	E	E	-----
10	59.10	57.63	21.6	29.4	Calm	N 2	-----	NE	-----
11	58.14	56.95	20.2	26.4	Calm	Calm	-----	NE	.5
12	57.99	57.54	21	30.5	Calm	N 3	-----	-----	-----
13	58.14	56.65	23.2	30.4	Calm	N 2	-----	-----	-----
14	58	57.30	20.6	29.3	Calm	N 3	-----	NE	-----
15	59.27	58.18	22	29	N 1	N 3	-----	-----	-----
16	60.27	59.43	22.2	25.4	N 3	N 2	NE	NE	-----
17	60.40	58.76	22	28	N 2	NNE 3	NE	NE	1.3
18	59.29	58.93	22.8	27.5	N 2	N 3	N	NE	2
19	60.38	59.64	23	24.2	N 2	NNE 3	N	-----	13.4
20	60.98	60.29	22.8	25.6	Calm	N 1	NE	NE	40.1
21	60.90	59.56	22.7	28	Calm	Calm	-----	E	2
22	61.21	59.63	21.4	29.4	Calm	N 3	-----	-----	-----
23	61.13	59.39	19.4	29.6	Calm	N 3	-----	E	-----
24	60.65	59.37	22	28.9	Calm	N 3	-----	NE	-----
25	60.52	59.49	23	29	Calm	N 3	-----	N	2.5
26	60.75	60.31	22	25	N 1	NNE 3	-----	NE	.4
27	62.51	62.19	21.5	26	NNE 3	NNE 4	N	NE	-----
28	62.30	61.08	22	26.4	N 2	N 3	N	N	-----
29	60.85	59.58	20.8	28.6	Calm	N 3	N	N	-----
30	59.93	59.08	23	24	N 3	N 2	N	N	18.5
31	61.16	59.22	21.8	24.2	N 2	N 4	-----	NE	14.1
Mean	60.14	59.01	22.3	27.8	0.8	2.5	-----	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	105.8

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.
1	61.65	61.52	22.5	23.6	N 2	N 3	NE	N	23.7
2	62.95	62.29	21.8	24.8	N 4	N 5	NE	NE	13.2
3	62.82	62.01	22	25.2	N 3	NNE 3	N	NE	4
4	61.81	59.64	22.8	26.3	N 1	NNE 2	NE	E	3
5	60.24	58.56	23.4	26.2	Calm	N 1	E	N	5.6
6	59.51	57.55	22.5	28.8	Calm	N 1	-----	-----	6.1
7	59.78	57.65	21.5	29.4	Calm	N 2	-----	-----	.5
8	58.82	57.69	23.6	30	Calm	N 2	-----	-----	-----
9	58.16	57.11	24.5	26.2	N 1	Calm	-----	-----	14.3
10	58.98	57.24	23.2	30.5	Calm	N 2	-----	-----	-----
11	59.07	57.73	23.8	25	Calm	NW 1	-----	-----	30.8
12	59.40	58	22.6	26	Calm	N 2	N	N	21
13	59.93	58.76	22.2	27.4	Calm	N 1	-----	E	.8
14	60.22	58.44	22.8	28	Calm	N 1	-----	E	-----
15	59.92	58.17	22.2	31	Calm	E 3	-----	-----	-----
16	59.54	57.61	21.8	31.8	Calm	ESE 3	E	-----	-----
17	59.14	56.77	22.4	32	Calm	W 2	-----	-----	-----
18	59.07	57.45	22.4	30.2	Calm	N 3	-----	E	-----
19	59.35	58.72	19.6	30.6	Calm	NNE 3	-----	E	-----
20	60.72	60.05	22.6	26.6	Calm	Calm	-----	E	11
21	61.46	59.48	20.2	29.6	Calm	N 3	-----	-----	-----
22	61.06	58.76	17.6	30.2	Calm	N 2	-----	-----	-----
23	60.83	58.66	18.2	30	Calm	N 2	-----	NE	-----
24	60.52	59.08	17.2	30	Calm	N 2	-----	E	-----
25	60.16	58.46	20.5	30.4	Calm	N 1	-----	E	-----
26	59.82	58.45	20	31.5	Calm	WNW 1	-----	-----	-----
27	59.43	58.14	20	30.4	Calm	N 2	-----	-----	-----
28	58.68	57.60	19.6	30	Calm	N 1	-----	-----	-----
29	-----	-----	-----	-----	-----	-----	-----	-----	-----
30	-----	-----	-----	-----	-----	-----	-----	-----	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	60.11	58.63	21.6	28.6	0.4	1.9	-----	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	134

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.
1	59.35	58.15	20	30.4	Calm	N 2	-----	E	-----
2	58.66	57.03	23.2	29.5	Calm	N 2	-----	-----	.6
3	58.19	57.31	22.6	31.8	Calm	N 1	N	-----	-----
4	59.10	57.43	21.5	31.6	Calm	N 3	-----	-----	-----
5	59.37	57.79	21.3	30.2	Calm	N 1	-----	E	18
6	59.72	58.66	22	28.2	Calm	N 3	-----	N	-----
7	59.32	58.90	21.5	29.2	Calm	NNE 3	NE	N	1.8
8	59.82	59.14	23.4	28.8	N 2	NNE 2	N	NE	-----
9	60.42	60.05	20.4	26.4	Calm	NNE 2	-----	-----	-----
10	61.38	60.63	20.4	31.4	Calm	N 1	-----	NE	-----
11	61.41	60.53	20.8	30	Calm	NE 2	-----	-----	-----
12	61.62	60.46	22.4	24.9	Calm	N 1	-----	N	2
13	60.87	59.69	21.7	30.6	Calm	ESE 3	-----	-----	-----
14	61.17	60.56	21	30.5	Calm	N 3	NE	-----	-----
15	60.85	59.03	21.2	29.6	Calm	N 3	-----	-----	-----
16	58.63	57.05	24	26.4	N 1	N 3	N	N	30.2
17	54.72	53.08	24	24	N 4	NNW 4	N	N	63.4
18	55.24	55.74	23.4	28.5	Calm	WNW 2	-----	NW	1.8
19	57.82	56.38	23.5	32.5	SW 1	SW 2	-----	SE	-----
20	59.23	58.03	22	25.9	Calm	N 1	-----	-----	8
21	59.87	58.34	22.4	30.7	Calm	N 1	-----	-----	-----
22	59.72	58.33	22.4	30.4	Calm	N 1	-----	N	-----
23	59.30	57.99	21.8	28	Calm	W 1	-----	E	6.5
24	60.44	59.04	22.5	31.6	Calm	N 1	-----	E	-----
25	61.68	60.43	22	31	Calm	ESE 2	-----	-----	-----
26	61.92	61.08	19.8	29	Calm	E 2	-----	-----	-----
27	61.03	59.72	20.4	27.8	Calm	N 1	-----	N	13.7
28	59.86	58.92	20.5	30.4	Calm	N 2	-----	NE	-----
29	59.45	58.34	22.5	31.5	Calm	N 2	-----	E	-----
30	58.74	57.70	21.9	31	Calm	N 2	-----	-----	-----
31	58.63	57.57	21.9	28.9	Calm	N 1	-----	E	.3
Mean	59.60	58.49	21.9	29.4	0.3	1.9	-----	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	146.3

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Lower clouds, direction. 6 a. m.	Lower clouds, direction. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.					mm.
1	59.13	58.33	21	30.8	Calm	N 3	-----	-----	0.5
2	59.85	58.19	21.6	30.8	Calm	N 2	-----	-----	-----
3	59.63	58.85	21.5	25.5	Calm	N 1	-----	-----	5.1
4	58.89	57.48	22.7	31.3	Calm	W 1	-----	NE	-----
5	58.95	57.84	22.4	29.8	NE 2	NNW 2	E	-----	-----
6	59.43	58.42	21.8	30.5	Calm	N 1	-----	-----	-----
7	59.72	58.29	22.6	31.5	Calm	N 3	-----	-----	-----
8	59.58	58.69	22.2	30.3	Calm	N 1	-----	-----	-----
9	59.04	57.57	21.5	29	Calm	N 1	-----	-----	3.8
10	58.24	57.42	22	31.4	Calm	N 2	-----	-----	-----
11	58.97	57.75	21.2	32	Calm	N 3	-----	-----	-----
12	58.80	57.60	21.3	32.2	Calm	N 2	-----	-----	-----
13	59.30	58.06	20.9	31.8	Calm	N 2	-----	-----	-----
14	59.70	58.69	21.2	31.4	Calm	N 3	-----	-----	-----
15	60.50	60.33	22.6	26.2	Calm	WNW 3	-----	-----	16.8
16	59.68	58.64	21.5	31.5	Calm	N 1	-----	-----	.8
17	59.23	57.20	20.4	32	Calm	NNW 1	-----	-----	-----
18	57.83	56.12	20	32.6	Calm	NNW 1	-----	-----	-----
19	57.37	56.53	21.6	31.6	Calm	N 1	-----	-----	-----
20	57.87	56.73	20.5	31.7	Calm	N 2	-----	-----	-----
21	57.70	56.23	21	30.5	Calm	N 1	-----	-----	-----
22	57.24	56.19	22.5	27.8	Calm	N 1	-----	-----	4.9
23	57.12	55.99	24	26.9	Calm	Calm	E	E	8.6
24	56.72	57.60	23.3	26.2	Calm	S 1	-----	S	28.5
25	58.18	58.43	23	27	Calm	SE 1	-----	-----	51.9
26	59.83	58.77	21.8	30.3	Calm	W 2	-----	-----	4.8
27	59.81	58.20	22.8	33.3	Calm	W 1	-----	-----	-----
28	59.98	58.54	21.6	33.5	Calm	W 1	-----	-----	-----
29	59.97	59.35	22.4	25.7	Calm	Calm	-----	-----	3.2
30	59.96	58.86	21.5	30.4	Calm	N 1	-----	-----	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	58.94	57.90	21.8	30.2	0.1	1.5	-----	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	128.9

NUEVA CACERES.

[ϕ=13° 37′ N; λ=123° 11′ E; barometer above sea, 8 meters; gravity correction not applied, —1.76 mm.]

Day.*	MAY.									JUNE.								
	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	59.69	58.23	22.2	29.6	Calm	N 1			13.5	58.48	57.22	23.9	29.5	Calm	W 1			2.5
2	58.83	57.02	21.8	29.2	Calm	NNE 2			2.5	58.71	56.64	22.4	33.5	Calm	SE 1			
3	58.54	56.93	22	29.5	Calm	NE 2		NE	.3	58.49	56.54	23.2	33	Calm	W 1			
4	58.89	56.92	22.1	31.5	Calm	N 2				57.52	55.85	23	33.5	Calm	N 2			
5	58.04	56.47	22.9	31.8	Calm	NNE 3		N	13.7	58.14	57.65	23.6	33.2	Calm	ESE 3			
6	55.71	54.43	24.8	30.8	W 2	WNW 1	NW			59.62	58.63	22.2	28.5	Calm	SSW 1			5.8
7	54.84	54.36	25.8	31	Calm	SW 3		SW		59.62	58.11	23	32.5	Calm	W 1			
8	55.41	54.82	26.6	32.5	S 1	S 3	S	S		59.24	58.06	22.7	33	Calm	ESE 1			
9	56.60	54.98	25.2	33	Calm	SW 2				59.32	57.29	24.2	33.6	Calm	S 2			
10	57.23	55.32	23.8	32	SSW 1	SSW 1				59.70	58.43	23	33.4	Calm	SSE 2			
11	58.19	57.07	22.8	29.8	Calm	E 1				60.26	59.11	21.6	25.6	Calm	E 4		E	17.3
12	58.21	57.23	23	30.5	Calm	WSW 1				60.65	59.16	23.6	31	Calm	ESE 3			
13	58.37	56.36	21.8	32.5	Calm	W 2				59.55		22.9		Calm				
14	58.04	56.44	21.8	33	Calm	N 3				59.42	57.84	22.5	32.8	Calm	N 1			4.1
15	58.18	57.16	21	31.8	Calm	N 1				59.43	58.13	21.6	31.6	Calm	W 1			
16	58.29	57.20	20	32.4	Calm	W 1				58.98	57.69	23	32.4	Calm	N 1			
17	58.51	57.20	24.2	31	Calm	W 2			2.5	58.81	57.01	23.2	32.8	Calm	NNW 3			
18	58.55	57.59	24.2	33	Calm	SW 2				57.84	57.43	23.4	27.3	Calm	N 2		N	5.6
19	58.66	57.71	24	33.4	Calm	SW 2				58.58	57.60	23.6	31	Calm	N 2			
20	59.85	58.79	23.4	29	Calm	SE 1			4.4	58.54	57.07	23.2	29.2	Calm	NE 3			
21	60	58.78	23.5	27	Calm	N 1				58.67	57.49	23.2	29	Calm	S 1		S	.3
22	59.79	57.29	22.5	33.2	Calm	N 1				59.07	57.55	23.8	31.3	Calm	N 3			1.3
23	57.94	56.35	23.3	33.3	Calm	S 2			3	57.47	56.62	23.8	29	Calm	NNE 1			4.9
24	57.37	55.89	25.4	32.6	SE 1	S 2			34.7	57.02	56.60	23.6	29.4	Calm	N 1			9.9
25	57.16	56.91	24.4	30.8	SE 1	S 2		SW	5.1	57.03	56.65	23	24.9	Calm	N 1			22.9
26	57.95	57	25.4	29.8	SE 1	S 3	SW	SW	12.4	57.34	55.94	22.2	27.6	Calm	Calm			22.4
27	56.78	55.93	25.4	32	Calm	S 2	SW	SE		58.42	56.75	24	28.4	Calm	ESE 2			
28	56.89	56.40	25.9	32.4	S 2	SSW 3			4.3	58.03	57.35	24	28	Calm	ESE 1			5.6
29	58.34	57.52	24	32.2	Calm	WSW 1				58.69	57.08	23	29	Calm	Calm			1.5
30	59.06	58.42	23.8	28.2	Calm	S 3				58.87	56.70	23	32.7	Calm	SSW 1			4.1
31	58.96	57.22	23.4	29.5	Calm	W 1			.3									
Mean	58.03	56.77	23.6	31.2	0.3	1.8				58.72	57.39	23.1	30.6	0	1.6			
Total									96.7									108.2

Day.*	JULY.									AUGUST.								
	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	58.02	57.91	23.5	23.2	Calm	Calm			49.5	58.08	56.38	23	31.2	SSW 1	SSW 2			38.2
2	57.73	57.72	23.1	25	Calm	W 1				57.36	55.70	22.3	32	Calm	W 3			4.7
3	58.36	57.32	23.4	31.5	Calm	W 1			1.5	56.91	56.28	23.3	31.2	Calm	SW 1			
4	57.79	57.45	23.2	29.4	Calm	SW 1			.3	57.66	56.75	23.8	31.8	SW 1	SW 2			
5	59.89	59.05	23	29.4	Calm	Calm			3.8	58.01	57.23	24.4	29	SW 1	SW 1		SW	
6	60.86	59.25	22.8	33.4	Calm	W 1				58.17	56.30	23.8	32.7	Calm	SW 1			2.5
7	60.42	59.03	22.5	31	Calm	WSW 1			1.3	57.53	56.31	24.6	32.2	W 1	SW 2			
8	59.99	58.96	23.6	31.5	Calm	SW 3				57.53	56.46	23.5	31.5	S 3	SW 3	SW	SW	17.8
9	58.80	57.83	24	31.5	SSW 1	SSW 2	SW			57.03	56.56	24.4	31.4	W 1	SW 3	SW	SW	
10	58.82	57.67	23.6	32.6	S 1	S 2	SW			57.48	56.25	25.2	31.4	S 1	SW 3	SW	SW	
11	58.41	57.14	24.2	33	Calm	SW 2				57.31	56.34	25.2	32.5	Calm	S 3	SW	SW	3.2
12	57.79	56.40	23.6	31.2	SE 1	SW 3			29.5	58.32	56.82	25.4	33	Calm	SW 3	SW	SW	
13	57.02	55.23	24	31.2	Calm	W 2			2.7	57.08	55.59	24.5	32.2	SW 1	SSW 3	SW	Variable	
14	55.33	54.37	23.4	31.4	W 1	WSW 1			2.5	56.33	55.97	25	31.2	S 1	S 2	SW	SW	
15	55.62	55.04	23.5	28.4	Calm	SE 3			13.8	57.21	56.64	23.8	29.7	SSW 1	SSW 1		SW	
16	56.58	55.82	24.9	31	Calm	SW 3		SW	.3	57.82		23		Calm	SSW 2			
17	57.57	57.23	24	32	S 1	S 3	SW	SW		56.93	56	24.5	34.2	Calm	SSW 1			16.5
18	58.92	57.94	23	33	Calm	SSW 1		SW		58.03	56.56	22.9	34.8	Calm	S 2			6.4
19	58.03	56.90	21.8	32.6	Calm	W 1				57.78	57.21	22	31.8	Calm	E 1			
20	57.67	57.35	24.2	27.2	Calm	Calm			4.7	57.79	56.90	22.2	31	Calm	N 1			10.2
21	59.71	59.13	22.9	30.6	Calm	N 2				58.11	57.25	23.4	27.4	Calm	Calm			29.6
22	59.37	58.30	23.2	30	Calm	N 2			9	58.94	57.53	23.4	30.5	Calm	E 1			1.5
23	57.83	56.17	22.6	31.7	Calm	NE 2			2.3	58.12	57.29	23.1	29	Calm	ESE 1			
24	55.92	55.50	23.6	32	Calm	N 2				57.17	55.64	23.2	31.8	Calm	WSW 1			
25	55.73	55.95	22.2	32.7	Calm	N 2				56.34	55.17	23.2	29.6	Calm	WSW 1			.5
26	57.64	56.44	21	33	Calm	N 1				56.47	55.50	22.8	33.4	Calm	WSW 2			
27	58.24	55.54	21.8	33.2	Calm	WNW 2				57.28	56.81	22.8	30.9	NNW 1	NNW 2			
28	57.75	56.08	24.2	32.9	Calm	W 2				58.01	55.97	23.5	33	Calm	WNW 2			
29	56.76	55.71	23.4	32.5	W 1	WSW 3			14.9	57.17	56.02	24.4	31.7	Calm	SW 3			
30	56.87	56.70	25	32	SE 1	SW 3	SW	SW		56.71	55.46	24.4	31.8	SSW 1	SW 4		SW	24.6
31	58.35	57.51	24	31.5	Calm	SSW 2	SW	SW		56.14	55.26	25.6	30.8	WSW 1	SW 4	SW	SW	10
Mean	57.99	57.05	23.3	31	0.2	1.7				57.45	56.34	23.8	31.5	0.5	2			
Total									136.1									165.7

NUEVA CACERES.

[ϕ=13° 37′ N; λ=123° 11′ E; barometer above sea, 8 meters; gravity correction not applied, —1.76 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	55.96	55.06	26.5	30.9	S 1	SSW 3	SW	SW	------
2	55.96	55.35	26.6	31.9	S 1	SSW 4	SW	SW	------
3	56.04	55.08	27	30.2	SW 2	S 3	SW	SW	2.5
4	55.17	55	25.4	29.4	S 1	SSW 3	SW	SW	3
5	55.78	55	24.4	30	SE 2	S 3	SW	SW	6.5
6	55.35	54.82	25	32	S 1	SSW 3	SW	SW	------
7	55.53	55.27	25	31.7	SSE 1	SSW 3	SW	SW	------
8	57.13	57.56	24.3	25	Calm	ENE 2	------	------	4.3
9	58.97	57.11	22.8	32.6	Calm	N 1	------	------	5.6
10	58.46	57.42	23.2	29.6	Calm	ENE 1	------	------	------
11	58.72	58.09	23.2	29.6	Calm	Calm	------	------	------
12	59.61	57.94	23.3	30.3	Calm	NW 1	------	------	------
13	59.01	57.71	22.5	26	Calm	NW 1	------	------	33.3
14	58.68	57.45	22.9	26.6	Calm	NE 1	------	------	28.1
15	58.37	57.41	23.2	29	NE 1	NNE 1	------	NE	18
16	57.72	56.45	23.2	30.5	Calm	E 1	------	------	8.3
17	58.88	57.91	23.2	32.4	Calm	S 2	------	------	6.6
18	60.54	59.03	23.2	28.7	Calm	Calm	------	------	31.3
19	60.44	57.64	22.4	30.3	Calm	W 2	------	------	4.6
20	58.28	56.17	22.5	30.8	Calm	N 3	------	------	9.7
21	56.89	57.11	22.8	27.3	Calm	S 3	------	S	22.9
22	59.27	57.51	22.2	31.5	Calm	E 3	------	------	16
23	58.77	57.51	23.5	31	Calm	W 2	------	NW	------
24	56.43	54.07	23.2	30.5	W 1	SSE 2	------	------	------
25	56.57	54.82	23.5	31.4	Calm	E 1	------	------	6.7
26	56.56	55.15	23.8	27	NNW 1	NW 2	------	NW	58.4
27	55.62	54.57	23.5	25.7	Calm	W 1	------	------	75.4
28	55.12	53.29	24.4	29.5	Calm	SW 4	SW	SW	3.3
29	54.30	53.38	24.6	29	SE 2	S 4	SW	S	41.9
30	55.77	56.27	24.5	29.4	SSE 2	S 3	SW	SW	4.2
31	------	------	------	------	------	------	------	------	------
Mean	57.33	56.24	23.9	29.7	0.5	2.1	------	------	------
Total	------	------	------	------	------	------	------	------	390.6

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	58.51	57.23	24.2	31.6	Calm	SW 2	------	SW	------
2	57.60	57.02	24.3	32.2	Calm	Calm	------	------	63.5
3	56.57	56.53	23.6	29.2	Calm	WNW 2	------	NW	10.5
4	58.02	58.33	24.5	29.3	WNW 1	SW 2	------	SW	------
5	59.60	57.81	23.5	33.3	SSE 1	SW 2	------	------	------
6	58.97	57.01	22.6	31.5	Calm	NW 2	------	------	------
7	57.87	57.09	23.5	31.5	Calm	N 1	------	------	------
8	58.46	57.53	24.2	29	Calm	N 1	------	------	29.5
9	58.67	57.65	23.6	28.5	W 1	W 1	SW	SW	3.4
10	59.07	57.98	22.2	30.5	Calm	NNW 2	------	------	.6
11	59.60	59	23.2	28	Calm	N 2	------	N	21.6
12	59.85	59.37	23.4	24.9	Calm	NNE 2	------	N	13
13	59.75	57.76	21.4	31.5	Calm	N 1	------	N	------
14	59.91	58.70	23	28.2	Calm	N 2	------	------	------
15	60.34	58.92	24	29.8	N 1	N 1	N	------	4.1
16	60.27	58.17	23	31.8	N 1	N 2	------	N	------
17	60.21	59.54	24	25.7	Calm	Calm	------	------	14.9
18	60.61	59.71	23.5	30	Calm	N 3	------	N	------
19	60.46	59.18	22.9	30.6	Calm	N 3	N	N	------
20	60.05	59.02	20.9	28.5	Calm	NE 3	N	N	3.6
21	59.62	59	22.2	25	Calm	N 1	------	NE	28.5
22	59.55	58.65	23.6	28.2	N 1	Calm	E	------	------
23	59.56	58.17	22.4	31	Calm	N 3	------	NE	4.8
24	58.92	57.40	22.8	30.8	Calm	N 3	------	NE	.3
25	59.96	58.83	20.8	30.4	Calm	N 2	------	N	------
26	60.74	57.58	22.4	30.6	Calm	N 3	------	------	------
27	58.74	57.48	22.4	31.4	Calm	N 3	------	Variable	9.7
28	58.50	57.53	24.4	24.8	NE 1	NE 1	------	------	5.6
29	58.73	57.09	23.2	28.2	Calm	N 2	NE	NE	6.7
30	58.08	55.95	25	27.2	N 2	N 2	N	N	26.8
31	54.89	53.78	24.8	27.5	Calm	N 3	N	N	16.3
Mean	59.09	57.90	23.2	29.4	0.3	1.8	------	------	------
Total	------	------	------	------	------	------	------	------	263.4

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	52.94	52.43	25	25	NNE 3	NE 4	E	E	12.5
2	56.14	56.83	23.3	31	SE 2	ESE 3	------	------	.3
3	59.07	57.60	23	27	Calm	SW 1	------	SE	13.2
4	59.07	57.95	23.2	29.5	Calm	N 2	------	NE	------
5	58.92	57.44	21.9	31.6	Calm	N 2	------	N	.5
6	59.22	57.35	22.2	30.2	Calm	N 2	------	------	------
7	59.32	58.10	23	29.5	Calm	N 2	------	------	4.6
8	59.35	57.40	22.8	29.9	Calm	N 1	------	SE	14.9
9	59.04	56.89	22.4	30.5	Calm	N 2	------	------	------
10	56.95	55.69	20.6	29.2	Calm	N 3	------	N	------
11	57.65	55.33	21.2	30	Calm	N 2	------	------	------
12	57.27	56.05	21.6	25.8	Calm	N 3	------	N	146.3
13	56.14	54.33	23.2	24	N 1	N 1	------	------	94.3
14	55.18	54.13	24.2	29	SE 2	SE 3	SE	SE	.3
15	57.19	55.50	24	30.6	Calm	Calm	------	------	1.3
16	57.82	56.65	23.2	25.4	Calm	NNE 3	------	NE	.3
17	57.81	56.79	24.2	28.6	N 1	N 2	------	------	11.1
18	59.31	57.35	22.2	27.4	Calm	N 1	------	------	5.8
19	58.51	57.46	24.5	25.2	Calm	NE 1	N	NE	13.6
20	58.10	56.54	22.2	26.6	NE 1	N 3	------	NE	16.7
21	56.92	55.27	24.5	25.3	NNE 2	NNE 3	N	NE	157.8
22	54.39	54.90	23.7	26.4	SSW 4	SSE 2	------	S	13.3
23	58.52	56.27	23.8	30	Calm	N 1	E	------	------
24	58.56	57.56	24	27.4	Calm	Calm	------	E	1.5
25	58.25	57.18	22.8	29.2	NNE 1	N 1	NE	------	------
26	58.69	57.74	21.6	28.6	Calm	N 1	------	------	10.7
27	59.24	57.49	21.4	29	Calm	NNE 2	------	------	------
28	58.21	57.57	23	26.5	Calm	NNW 1	NE	N	7.1
29	58.15	57.71	22.5	27.4	Calm	ENE 1	NE	E	2.5
30	58.88	57.75	20.6	27.7	Calm	N 1	------	NE	------
31	------	------	------	------	------	------	------	------	------
Mean	57.83	56.58	22.9	28.1	0.6	1.8	------	------	------
Total	------	------	------	------	------	------	------	------	528.6

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	59.17	57.88	21	29.6	Calm	N 3	------	------	------
2	58.92	57.50	23	28.2	Calm	N 3	------	NE	5.6
3	57.53	57.77	23.8	23.8	NNE 2	NNE 1	E	------	35.6
4	58.64	59.05	24	27.5	Calm	ESE 2	SE	E	5.7
5	60.69	59.14	23.3	30	SSW 1	N 1	------	------	------
6	60.98	59.60	21.2	27.6	N 1	N 1	------	E	7.9
7	59.05	57.43	21.2	30.4	Calm	N 2	------	------	------
8	58.98	57.35	22.5	29.8	Calm	N 2	NE	------	6.7
9	58.98	57.75	23.6	25.4	N 1	N 3	------	N	9
10	59.06	58.46	24	25.4	Calm	N 1	NE	E	3.1
11	59.35	58.19	21.5	29.2	N 1	N 3	------	N	------
12	58.79	58.02	22.2	27.2	N 1	N 3	------	NE	.1
13	58.42	56.84	23.5	27.4	Calm	Calm	------	NE	3.7
14	58.34	57.08	22	29	Calm	N 3	------	NE	.3
15	58.52	57.51	23.1	27.9	Calm	Calm	------	------	2.9
16	59.10	58.35	21.2	25.6	Calm	N 2	------	N	32.6
17	59.50	58.01	23.5	25.5	N 2	N 4	NE	NE	.3
18	59.90	59.33	23	26.9	N 1	NNE 3	------	NE	------
19	60.42	59.38	23	25	N 2	N 2	------	------	1
20	60.26	58.83	20.4	27.6	Calm	N 2	------	------	------
21	58.84	57.62	23.5	24	N 2	N 3	------	N	76.4
22	58.59	56.66	23.4	23.9	N 3	N 2	N	N	116.1
23	56.68	56	24	26.5	NNE 2	N 2	NE	N	44.4
24	58.69	58.13	23.5	24.2	N 3	N 3	------	NE	22.6
25	59.90	58.93	24	24.4	Calm	Calm	------	NE	19.7
26	59.84	59.11	22.2	25.9	Calm	N 2	------	E	12.5
27	60.76	59.87	23.9	30	Calm	N 3	E	------	6.8
28	61.44	61.72	24	23.4	Calm	NNE 1	------	NE	40.6
29	61.77	61.24	23.4	27.5	NNE 2	NNE 4	NE	NE	------
30	60.82	59.81	23	27	N 2	NE 3	NE	NE	------
31	60.22	59.73	23	24.8	Calm	NNE 2	------	N	------
Mean	59.42	58.46	22.9	26.8	0.8	2.1	------	------	------
Total	------	------	------	------	------	------	------	------	453.6

BATANGAS.

[ϕ=13° 45′ N; λ=121° 03′ E; barometer above sea, 4 meters; gravity correction not applied, —1.75 mm.]

Day.	JANUARY.									FEBRUARY.								
	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	58.85	57.03	23.4	31.6	NE 1	S 3	E	E		61.62	61.12	22.6	26.5	Calm	NNE 4	NE	NE	
2	59.36	58.77	23.6	28.2	NE 1	SE 2	ESE	ESE		62.77	61.23	23	26.3	NNE 2	NNE 4	NE	NE	
3	61.50	59.61	22.6	30.4	ENE 1	SE 4	E	ENE		62.57	61.75	23.2	27	NNE 3	NE 4	NE	NE	
4	61.39	59.55	23.8	31.8	Calm	ESE 3	E	E	1.1	61.70	59.40	21.8	28.8	NNE 1	NNE 2	NE	NE	0.3
5	61.37	59.25	24.4	30	Calm	SE 4	E	E		60.24	58.22	22.2	29.2	NNE 1	NNE 2	NE	NE	
6	60.20	59.02	22.2	28.6	Calm	NNE 4	E	E	.3	58.91	57.07	22	32.3	Calm	E 3	ENE	ENE	
7	58.73	58.03	23.3	30.4	Calm	SE 4	E	E		59.21	57.18	23.6	31	Calm	SSE 3	ENE	E	
8	58.56	57.45	22	30	SE 2	SE 4	EbyS	EbyS	.3	58.15	57.24	22.8	31	Calm	S 2	SE	E	
9	58.19	56.59	23	31	NE 1	E 3	EbyS	E		57.84	56.40	23	29	Calm	E 3	E	NE	
10	58.50	56.94	23	30	E 1	E 3	E	E		58.59	57.19	24.4	29.8	NE 1	S 2	NE	E	
11	57.56	55.94	21.8	31.5	Calm	SE 4	E	E		59.20	57.71	22.8	28.8	Calm	NE 2	N	NNE	.8
12	57.65	56.78	24.3	31	NE 1	SSE 3	E	E		58.91	57.61	22.7	28.6	NNE 1	E 3	NE	NE	
13	57.44	56.18	21.4	31.3	NE 1	E 3	E	E		59.19	57.50	21.3	31.3	Calm	SE 3	NE	ENE	
14	57.61	56.95	19	30	Calm	SW 2	E	E		59.54	57.65	22.8	30.4	Calm	S 3	ESE	E	
15	59.19	57.51	21.4	30.4	NE 1	SSE 4	E	E		59.50	57.76	22.9	31	Calm	S 2	ESE	SE	
16	59.87	58.79	22.8	28.4	NE 3	E 4	E	E		59.08	57.32	22.3	32.3	NE 1	S 3	E	ESE	
17	60.20	58.18	20.8	30	NE 1	NE 3	E	ENE		58.36	56.12	22	33.3	Calm	S 2	E	E	
18	59.46	57.83	18.3	31.5	Calm	SE 3	E	E		58.36	56.55	22.8	33.9	Calm	SSE 3	NE	NE	
19	60.36	59.18	22.6	27.4	Calm	E 3	E	E		59.24	58.11	23.2	33.6	Calm	S 2	E	NE	
20	60.87	59.78	22.8	25.6	Calm	NNW 3	E	E	.6	60.14	59.28	24	32.5	ENE 1	S 3	E	E	
21	60.36	58.97	23.3	31.4	E 2	S 3	E	E		60.48	58.95	23.8	32.4	NE 1	E 3	E	E	
22	60.44	59.13	23.4	30.5	ENE 1	S 3	E	E		60.92	58.27	21.3	32.4	NE 1	S 3	E	E	
23	60.75	58.95	21.4	30.2	NE 1	E 3	E	E		60.47	57.80	20.8	29.8	Calm	S 2	E	NE	
24	60.71	59.56	21.4	27.4	NE 1	SW 2	E	E	1	60.12	58.65	21	33.6	Calm	NE 3	E	ENE	
25	61.03	59.67	20.6	28.9	Calm	SSW 2	NE	NE		60.21	57.93	22.8	32.7	NE 2	SE 3	ENE	E	
26	60.73	59.91	19	29.5	Calm	SSE 3	NE	NE	.3	59.64	56.92	21.8	33.4	NE 1	S 3	ENE	NE	
27	61.64	61.34	22.8	28.7	E 3	E 3	ENE	ENE		59.25	57.10	23.8	31.5	ENE 1	SE 2	E	E	
28	62.29	60.50	20.8	29.2	E 1	S 3	S	NE		58	56.86	22.8	32.8	NE 1	E 3	SE	ESE	
29	60.88	59.02	18.4	29	Calm	S 3	E	NE										
30	60.63	59.22	17.5	27.2	NE 1	SE 2	E	NE										
31	60.98	59.56	23.4	26.9	E 1	NNE 2	NE	NE										
Mean	59.91	58.55	21.9	29.6	0.8	3.1				59.72	58.03	22.6	30.9	0.6	2.8			
Total									3.6									1.1

Day.	MARCH.									APRIL.								
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	58.81	57.28	22.8	32.3	ENE 1	SSE 3	SE	EbyS		58.98	56.55	25	34	E 1	E 3	E	E	
2	57.85	56.13	22.7	33.4	Calm	ESE 3	ESE	E		59.65	57.28	22.8	33.9	NE 1	SSE 2	E	E	
3	57.80	56.45	24.3	32.4	Calm	SW 3	SE	E		59.44	56.96	22.9	33	ENE 1	E 2	E	E	
4	58.89	56.61	23.2	33.6	ENE 1	SW 2	ESE	NE		58.33	56.91	24.8	31.6	NE 1	SE 3	E	E	
5	58.96	57.59	22.6	33	NE 1	E 1		NE	4.3	58.68	56.98	24.8	34.3	NE 1	ESE 3	NE	E	
6	60.04	58.16	22.2	28.5	Calm	SE 2	E	NE	1.3	59.21	57.38	23.8	33.8	NE 1	ESE 4	E	ENE	
7	59.19	58.17	22.8	30.2	ENE 1	WSW 2	SE	NE		59.07	57.63	24.8	34.3	E 2	E 3	E	E	
8	59.71	58.20	19.2	32	Calm	SE 3	E	NE		59.13	58.08	23.4	33.8	Calm	E 3	E	E	
9	60.17	59.35	22	30.1	NE 1	NE 4	NE	E		58.74	57.18	24	33.5	ENE 1	SE 3	E	E	
10	61.23	60.12	22.2	31.8	Calm	E 3	E	E		58.88	56.35	24.3	34.5	NE 1	SE 2	E	E	
11	60.74	59.72	22.4	32.6	NE 1	ESE 3	E	E		58.37	57.14	24.5	32	NE 1	N 2	E	NNE	
12	61.43	59.18	22.5	31	Calm	SW 2	NNE	E		58.16	56.97	23.6	32.3	NE 1	N 2	E	ENE	
13	60.09	59.16	24.4	29.8	NE 1	S 2	SE	SE	1	58.96	57.61	23	34.8	NE 1	EbyS 2	E	E	
14	60.59	59.92	21.8	32.7	NE 1	E 3	NE	ENE		59.11	58.13	23.3	33.8	NE 1	SE 3	E	E	
15	60.52	58.82	21.9	30.8	NE 1	E 3	ENE	NE		59.77	58.73	23.6	34.2	ENE 1	S 3	ESE	ESE	
16	59.19	57.37	21.2	27.2	Calm	S 2	E	NNE		59.53	58.13	25.4	34	ENE 1	S 3	E	ENE	
17	57.61	55.74	24.2	27.8	Calm	NW 1	N	N		58.93	56.27	24.5	34.8	NE 1	SSW 3	E	EbyS	
18	56.41	55.51	22.8	31.3	Calm	WNW 3	N	NNW		57.23	55.06	24	33.1	E 1	S 3	E	N	
19	57.16	56.39	23.2	29	NE 1	S 3	SE	S	.3	56.87	55.68	26.2	31.8	SW 1	SW 2	W		
20	58.74	56.92	22.3	33	E 1	SW 2		E		57.54	55.28	24.2	34	NE 1	S 2	E	ENE	
21	58.83	57.48	24.4	32.8	Calm	SW 2	SE	E		57.30	55.53	25.3	33	Calm	SSW 2	E	E	0.5
22	58.95	57.29	23.8	33.6	Calm	S 3	E	NE		56.64	55.16	24.2	32.6	NE 1	SSW 3	E	NE	
23	58.56	57.42	22.8	33.5	NE 1	S 3	E	E		57.20	55.62	23.8	26	NNE 1	NE 1	E	NE	20.6
24	59.71	58.18	23.3	32.8	NE 1	SE 3	ESE	SE		56.35	56.24	24.3	26.2	E 1	E 1	E	E	24.6
25	60.88	59.54	24.3	33.8	E 1	SSE 3	ESE	E		57.76	58.21	24.2	26.8	Calm	ESE 1	SE	S	3.3
26	61.28	59.71	23.6	34.8	E 1	ESE 4	E	E		59.15	57.48	24.2	32.8	Calm	S 3	E	E	
27	60.77	58.35	24.8	33.8	ENE 1	E 3	E	E		59.22	58.10	25.4	32.3	E 1	S 2	SE	ESE	
28	59.30	58.16	24.2	33.9	E 1	E 3	E	E		59.37	58.35	24.5	31.8	E 1	SE 3	ENE	E	
29	59.03	57.52	24.8	34.3	E 1	E 3	E	E		59.78	58.21	24.8	34.5	E 1	E 2	E	E	
30	58.06	56.76	23.8	34.4	NE 1	S 3	E	E		59.34	57.96	24.3	33.6	ENE 1	ESE 2	E	E	
31	57.89	57.04	25.4	32.4	E 1	E 3	E	E										
Mean	59.30	57.88	23.1	32	0.6	2.7				58.56	57.04	24.3	32.7	0.9	2.4			
Total									6.9									49

BATANGAS.

[ϕ=13° 45′ N; λ=121° 03′ E; barometer above sea, 4 meters; gravity correction not applied, —1.75 mm.]

Day.	MAY.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	59.55	56.95	24.4	35	E 1	E 2	E	E	------
2	58.88	56.30	24.8	30	ENE 1	N 2	E	E	------
3	58.03	56.67	23.8	27.4	NE 1	Calm	E	E	21.9
4	59.06	56.42	23.3	31.9	NE 1	ESE 2	ENE	ENE	------
5	59.43	56.28	23	31	Calm	SSW 2	NE	NNE	.8
6	56.76	54.53	23.8	31.8	NE 1	NW 3	NE	W	------
7	54.99	54.23	27.6	32.2	SW 3	WSW 5	W	W	------
8	55.30	54.59	27.5	32.5	WSW 2	WSW 3	W	W	------
9	56.31	54.43	24.8	32.3	Calm	WSW 2	W	W	------
10	56.86	55.26	24.2	32.3	Calm	SSW 2	W	W	------
11	57.93	56.06	24.5	33	Calm	SW 2	W	W	------
12	58.12	56.67	24.8	32.8	Calm	S 2	W	E	------
13	57.92	55.45	24.8	33	Calm	SW 2	E	E	------
14	57.80	55.55	25.1	33.8	E 1	S 2	E	E	2.8
15	58.38	56.03	24.4	33.1	Calm	SSW 2	E	E	------
16	58.37	56.98	24.8	30.2	S 1	SW 2	SW	W	14.7
17	58.59	56.99	25.3	32.3	Calm	W 3	W	W	------
18	58.43	57.32	24.6	32.8	Calm	W 2	WbyN	WbyN	------
19	58.24	57.03	24.8	32.6	Calm	SW 3	W	W	------
20	59.33	58.85	24.8	27.3	NNE 1	E 1	NW	E	------
21	59.64	58.19	24.3	29.8	E 1	NNE 1	E	E	------
22	59.04	56.76	24	32.8	Calm	SW 2	E	E	------
23	57.25	55.76	24.8	32.8	E 1	S 2	E	W	------
24	56.12	55.20	25.8	31	Calm	S 1	W	SSW	4.1
25	56.42	55.97	24.8	27	SW 1	SW 1	SW	SW	13.7
26	57.13	58.29	24.7	23.5	Calm	SW 1	SW	SW	9.9
27	56.14	55.82	23.8	30.3	NE 1	WSW 2	SW	SW	------
28	56.11	55.63	24.3	30.7	NE 1	W 2	WSW	W	36.6
29	57.44	57.30	23	30.8	NE 1	W 1	W	W	------
30	58.11	57.50	23.2	32.1	NE 1	WSW 2	E	E	------
31	57.83	57.21	24.4	27.8	NE 1	Calm	E	E	12.2
Mean	57.73	56.33	24.6	31.2	0.7	1.9	------	------	------
Total	------	------	------	------	------	------	------	------	116.7

Day.	JUNE.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	58.23	56.65	24.4	30.9	Calm	SSE 2	SE	SE	1.8
2	57.58	55.81	24.8	32.8	E 1	SE 2	E	E	------
3	57.69	55.52	25.1	33	E 1	SE 2	E	E	------
4	57.02	55.28	24.8	33.3	E 1	SE 2	E	E	------
5	57.07	56.74	25.8	32.8	NE 1	SE 3	E	ESE	------
6	59.02	57.26	25.4	33.3	E 1	SE 3	E	E	------
7	58.58	57.44	25.6	32.6	E 1	SE 2	E	SE	------
8	58.82	57.48	24.8	33	ENE 1	S 2	E	E	------
9	59.04	56.58	23.6	33	ENE 1	SE 3	E	SE	------
10	58.92	57.90	25.1	33.8	ENE 1	SE 3	E	E	------
11	59.47	58.67	25.3	34.8	ENE 1	ESE 1	E	E	29.2
12	59.85	58.67	24.3	28.3	ENE 1	SSE 1	E	E	.3
13	59.18	57.06	24.8	32.8	ENE 1	E 2	E	E	------
14	58.75	57.27	24.8	33.1	E 1	SE 2	E	E	------
15	59.08	57.03	25.7	33.8	E 1	SE 2	E	E	------
16	58.14	56.86	25.8	34.2	ENE 1	E 2	E	E	------
17	58.32	57.11	24.8	32.3	NE 1	ESE 3	E	E	------
18	57.62	56.28	25	33	ENE 1	ESE 3	E	E	------
19	57.96	56.72	25.1	32.5	NE 1	ESE 2	E	E	.5
20	57.92	56.42	25	30	Calm	SE 3	E	E	6.9
21	57.90	56.28	23.8	31	E 1	ESE 1	SE	E	1.3
22	57.72	56.95	24.6	31.1	ENE 1	E 1	E	E	------
23	57.25	55.41	24.3	30	Calm	SSE 2	E	E	------
24	56.23	55.29	24.3	31.6	ENE 1	ESE 2	E	ESE	4.3
25	56.68	55.76	25.3	30	ENE 1	E 1	ENE	SE	11.9
26	56.94	55.38	23.8	29.4	Calm	S 2	E	S	------
27	56.64	55.53	23.8	31.4	Calm	SE 2	S	S	17.5
28	57.11	56.01	24.2	26.7	ENE 1	N 2	S	S	2.5
29	57.53	55.62	23.9	29.4	NE 1	SE 2	SE	S	------
30	57.18	56.39	23.4	29.8	Calm	SW 1	------	S	------
31	------	------	------	------	------	------	------	------	------
Mean	57.98	56.58	24.7	31.8	0.8	2	------	------	------
Total	------	------	------	------	------	------	------	------	76.2

Day.	JULY.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	57.29	56.21	24.3	30.3	Calm	SW 2	S	SW	------
2	57.08	56.59	24.3	28.3	Calm	SW 2	W	W	4.1
3	57.79	56.60	23.1	30.5	Calm	W 3	W	W	9.9
4	57.21	56.34	23.5	31	Calm	SW 1	W	W	------
5	58.59	58.89	24.3	29.5	E 1	E 1	------	SW	------
6	60.43	59.02	23.4	31.8	Calm	WSW 1	------	E	.3
7	60.27	58.75	24.3	31.8	Calm	W 2	E	E	------
8	59.46	58.55	23.8	31.5	Calm	NW 3	------	W	2.3
9	58.35	57.40	23.6	32.5	NE 1	W 3	------	WbyN	------
10	58.21	57.39	23.5	32.5	NE 1	W 3	W	W	------
11	58.05	57.03	24.8	32.4	Calm	W 3	W	W	------
12	57.97	56.70	26.4	31.8	Calm	W 3	W	W	------
13	57	55.95	24.3	27	Calm	NW 2	WNW	W	13
14	55.47	54.05	26.8	31.3	WbyN 2	WNW 3	W	W	9.9
15	55.40	54.87	23.3	28.5	Calm	WNW 2	W	W	2.8
16	56.69	55.34	24.4	29.8	Calm	WNW 2	SW	W	------
17	56.74	56.59	24.3	31.5	NE 1	SW 3	W	W	------
18	58.16	57.45	23	31.4	Calm	SW 2	W	W	------
19	57.29	56.22	23.4	33.7	ENE 1	SE 2	E	E	------
20	57.32	56.76	24.3	29.9	ENE 1	ENE 1	NE	ENE	------
21	59.07	58.06	23.8	33.7	ENE 1	ESE 1	E	E	------
22	59.12	58.29	24.4	27.9	NE 1	E 2	E	E	3.3
23	57.29	55.60	24.3	32.2	NE 1	S 2	E	E	1.3
24	55.74	55.94	23.5	25.5	Calm	NE 2	E	E	10.5
25	55.99	55.92	23	32	NE 1	S 2	E	E	------
26	56.90	55.83	23.5	31	E 1	S 2	E	E	------
27	57.54	55.94	23.8	32.5	Calm	SW 2	------	W	------
28	57.19	56.13	24.3	32.3	Calm	SW 3	W	W	------
29	56.38	55.59	25.6	32.1	Calm	SW 3	W	W	5.1
30	56.25	55.89	24.1	31.7	Calm	Calm	------	W	------
31	57.92	56.50	26.5	31	SW 2	Calm	W	------	------
Mean	57.55	56.66	24.2	30.9	0.5	2	------	------	------
Total	------	------	------	------	------	------	------	------	62.5

Day.	AUGUST.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	57.65	55.83	24.2	32.9	Calm	NW 4	------	W	5.7
2	57.15	55.42	23.7	30.1	Calm	NW 2	------	------	.6
3	56.46	55.33	23.8	31.7	Calm	WSW 2	W	W	.7
4	57.11	55.80	24.6	31.4	Calm	SW 2	W	W	2.2
5	57.35	56.26	24.4	29.4	NNW 1	SW 1	------	W	52.8
6	57.64	56.53	24.3	32	Calm	W 2	W	WSW	------
7	56.87	55.97	25.1	32.5	Calm	WNW 5	W	WSW	.5
8	57.14	55.87	25	31.5	Calm	WNW 5	WSW	SW	------
9	56.49	55.93	24.5	32.2	Calm	NW 5	SW	SW	------
10	56.76	55.38	24	31.1	SW 4	NW 5	SW	SW	------
11	56.99	55.89	23.8	32	Calm	NW 4	SW	SW	------
12	58.03	56.84	24.6	32.5	Calm	NW 5	------	W	------
13	56.56	55.58	23.7	32	Calm	WNW 5	W	W	------
14	55.71	55.75	24	32.2	Calm	NW 4	W	W	------
15	56.78	56.32	24.2	29	Calm	SW 2	W	W	.4
16	57.11	55.71	23.1	32.7	Calm	SW 1	W	W	------
17	56.60	55.46	24.4	32.8	Calm	SW 1	W	E	------
18	57.53	56.07	23.5	33.4	Calm	SW 1	E	E	------
19	57.24	56.40	24	29.5	Calm	SW 1	E	E	2.5
20	57.10	55.91	24	34	Calm	SW 2	E	NE	.3
21	57.20	56.71	24.6	27.7	Calm	Calm	NE	E	10.1
22	58.20	57.13	24.2	31.6	Calm	W 2	SE	E	------
23	57.41	57.16	23.7	25.5	Calm	N 1	E	N	31.4
24	56.78	55.06	23.6	29.6	Calm	NW 2	NW	NW	35.1
25	55.74	54.97	23	28.3	Calm	Calm	S	S	------
26	55.86	54.95	23.5	31.6	Calm	SW 2	S	S	------
27	56.98	55.92	24	31.8	Calm	WSW 2	S	SSW	------
28	57.76	56.23	23.8	32.2	Calm	NW 4	SW	SW	4.6
29	56.93	55.90	26.1	31.2	W 1	WNW 5	WSW	W	11.4
30	56.27	55.22	24.5	30.5	Calm	WSW 4	W	W	10.1
31	55.35	54.58	26.5	31.6	SW 1	SSW 5	W	SW	------
Mean	56.93	55.87	24.2	31.2	0.2	2.8	------	------	------
Total	------	------	------	------	------	------	------	------	168.4

BATANGAS.

[ϕ=13° 45′ N; λ=121° 03′ E; barometer above sea, 4 meters; gravity correction not applied, —1.75 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	55.22	54.23	27.6	31.2	SW 5	SW 4	WSW	WSW	------
2	55.41	54.79	28.1	31.1	SW 6	SW 5	SW	SW	------
3	55.38	54.85	26.1	30.2	SW 5	W 2	W	WSW	0.1
4	54.74	54.51	24.3	28.2	Calm	SW 3	SW	SW	7.4
5	54.90	54.98	25.5	26.5	Calm	SW 5	SW	SW	5.6
6	54.68	53.91	23.9	30.8	Calm	SW 3	SW	SW	1.8
7	54.61	54.79	24.2	30.3	Calm	SW 1	SW	SW	------
8	56.55	56.10	24.2	31.7	Calm	SW 2	SE	SE	42.9
9	58.03	56.41	23.7	29.8	Calm	SW 1	------	N	1
10	58.45	56.25	23.4	31.5	Calm	ESE 1	------	E	1.3
11	58.35	56.81	23.6	29.1	Calm	NE 1	E	ESE	1.8
12	59.30	57.11	23.8	30	Calm	Calm	E	E	7.9
13	58.64	56.64	22.8	29	Calm	NW 1	E	EbyN	3.3
14	57.91	56.54	24.4	29.7	Calm	SSE 1	NE	SE	33.3
15	58.68	56.21	24	28.7	Calm	E 1	SE	SE	.5
16	56.93	56.12	24.4	27.4	Calm	E 2	E	ENE	12
17	57.93	57.72	24	30.7	Calm	SSW 2	NNE	SW	3.3
18	59.95	58.50	23.6	30.5	Calm	S 1	SSW	NE	1
19	59.84	58.45	23.8	29.7	Calm	NW 2	NNE	N	1.6
20	57.76	55.74	23.4	30.4	Calm	SSE 3	NE	E	------
21	57	56.63	23	23.5	Calm	S 2	E	S	72.7
22	58.09	56.99	23.1	28.8	Calm	SE 2	S	SSE	7.9
23	58.21	57.13	22.5	30.5	Calm	SW 1	SE	NW	.3
24	56.91	54.10	23.4	30.3	Calm	W 7	N	W	.5
25	55.97	55.16	23.9	30.4	Calm	WNW 3	WbyS	NW	------
26	56.88	54.77	23.5	30	Calm	WNW 5	WNW	NNW	5.1
27	55.89	54.46	26	30.4	Calm	W 6	W	W	1.3
28	54.34	52.97	25.9	26.7	WSW 3	SW 2	SW	SW	.3
29	52.85	52.45	24.9	27	Calm	WSW 2	SW	SW	20.5
30	54.86	54.72	24.2	28.8	Calm	SW 5	SSW	SW	.8
31	------	------	------	------	------	------	------	------	------
Mean	56.81	55.67	24.3	29.4	0.6	2.5	------	------	------
Total	------	------	------	------	------	------	------	------	234.2

OCTOBER.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12.)		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.68	57.03	24.1	31.2	Calm	SW 2	SW	SW	------
2	57.61	57.17	23.6	28.3	Calm	WNW 3	------	W	4.5
3	57.49	56.38	24.6	29.2	Calm	W 3	------	W	23.1
4	57.63	57.63	24.3	27.6	Calm	W 3	SW	WSW	.3
5	59.07	57.67	22.5	31.5	Calm	WSW 2	SW	SW	------
6	58.53	57.01	23.5	31.6	Calm	NW 2	WSW	WNW	------
7	57.80	56.76	23.5	31.5	Calm	NW 3	------	NW	14
8	57.74	57.44	25.2	29.5	Calm	WNW 3	WNW	WNW	18.8
9	58.24	57.44	23.5	27.3	Calm	Calm	W	W	3.3
10	58.35	57.87	23.3	24.5	Calm	ESE 2	W	E	14.5
11	58.99	58.30	23	28	Calm	EbyN 1	NE	ENE	------
12	59.08	58.90	23.9	25	Calm	SE 1	E	ESE	21.8
13	59.17	57.61	21.6	30.7	Calm	NE 2	ENE	N	41.4
14	59.26	58.66	23.2	28.5	Calm	E 1	ESE	E	.3
15	59.81	58.09	22.5	29.7	Calm	SSW 2	SW	E	------
16	59.68	57.77	22.6	30.4	Calm	S 1	E	E	31.2
17	60.18	59.23	23.3	26.3	Calm	E 2	NE	E	22.9
18	60.83	59.43	23.2	30.8	Calm	E 2	E	NE	------
19	60.58	58.80	22.8	31.6	E 1	E 2	E	E	------
20	60.16	58.60	22.5	30	Calm	SW 2	E	E	2.1
21	59.36	58.27	24	29	Calm	EbyN 3	E	E	1.8
22	59.44	57.94	24	30.5	Calm	ENE 2	E	E	------
23	59.25	57.93	24.5	32.3	E 1	E 2	ESE	E	------
24	58.57	57.20	24.3	31.9	ENE 1	E 3	E	ESE	------
25	59.74	58.19	23.4	32.4	ENE 2	ENE 3	ENE	E	------
26	60.15	57.47	23.2	32.4	Calm	ESE 4	E	E	.5
27	58.90	57.83	23.5	30.7	Calm	ESE 3	NE	E	------
28	58.66	57.08	23	31.5	Calm	ENE 2	NE	NE	------
29	58.35	57.23	25	29.6	Calm	E 2	NE	E	5.6
30	58.65	56.40	23.2	30	Calm	ENE 1	NE	E	.3
31	56.14	54.79	24.5	28	Calm	NE 3	NE	NE	6.9
Mean	58.87	57.68	23.5	29.7	0.2	2.2	------	------	------
Total	------	------	------	------	------	------	------	------	213.3

NOVEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	54.89	53.13	24.1	25.9	Calm	ENE 2	NE	ENE	6.5
2	54.41	55.40	24.8	25	ENE 3	E 3	E	E	56.6
3	58.18	57.05	24.8	30.2	E 2	E 2	SE	E	------
4	58.66	57.27	23.8	31.8	ENE 1	ESE 2	ENE	E	------
5	58.90	57.59	22.2	29.8	Calm	E 1	E	ENE	11.9
6	59.05	57.23	22.8	31.2	Calm	ESE 2	E	E	------
7	59	57.62	22.6	32.2	Calm	E 2	E	E	------
8	58.83	56.88	23.2	31.7	Calm	S 2	E	E	------
9	58.86	56.23	23.1	31.6	E 1	S 2	E	E	------
10	57.23	55.14	23.3	32.2	Calm	W 2	E	E	.5
11	57.10	55.01	22.3	30	Calm	S 2	------	NW	3.6
12	57.22	56.27	24.3	26	Calm	NE 1	NNE	NNE	5.9
13	57.39	55.90	24	25.4	NE 2	Calm	NE	N	57.1
14	54.26	51.81	22.7	25.1	Calm	ESE 4	N	SE	5.7
15	55.96	54.63	23.4	31.8	NE 1	NE 3	SE	SE	------
16	56.73	56.32	24.4	29	Calm	E 2	E	NE	5.1
17	57.23	56.93	23.4	25.2	Calm	Calm	E	S	76.4
18	59.04	57.02	23.3	29.4	NNE 2	NW 2	S	E	6.6
19	58.53	57.14	23	28.6	Calm	E 1	NE	E	------
20	58.24	56.75	23.8	28.4	Calm	NE 1	E	NE	8.9
21	57.89	56.30	24.1	28.2	Calm	NE 4	NE	NNE	.5
22	55.76	53.34	23.8	22	NW 1	WNW 3	N	WNW	97.1
23	57.35	55.74	23	30	Calm	ESE 2	SE	SE	------
24	58.24	56.27	23.6	32	Calm	ESE 2	SE	EbyS	12.2
25	58.04	56.99	23.4	29.5	Calm	E 3	E	E	------
26	58.39	57.24	23	30.2	Calm	E 3	E	E	.5
27	58.99	57.40	23.8	30.1	NE 1	E 4	E	E	1.1
28	58.46	57.72	24.4	26.4	NE 1	E 1	E	E	2.5
29	58.18	57.84	23.3	25.1	Calm	E 3	ENE	E	.8
30	59	57.77	22.8	28	Calm	NNW 2	E	NE	.5
31	------	------	------	------	------	------	------	------	------
Mean	57.67	56.26	23.5	28.7	0.5	2.1	------	------	------
Total	------	------	------	------	------	------	------	------	360

DECEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12.)		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	59.30	57.40	22.8	31.4	NNE 1	E 2	E	ENE	------
2	58.99	58.27	23.4	25.8	NE 1	NE 1	NE	NE	5.4
3	57.37	56.69	22.5	26	NE 2	ENE 3	NE	NE	1
4	57.91	57.39	25	29	E 3	E 4	E	E	3.6
5	59.89	58.93	24	31.4	Calm	E 2	E	E	------
6	61.02	58.87	23	31.3	Calm	E 3	E	E	------
7	59.15	57.49	22.6	30.2	Calm	E 3	E	E	------
8	58.81	57.87	22.6	28	Calm	S 1	E	E	------
9	59.03	57.09	20.2	29	Calm	SSE 1	E	E	------
10	58.91	58.27	19.5	26.6	ENE 1	Calm	E	E	.5
11	59.39	58.05	22.5	30.4	Calm	E 2	E	E	------
12	58.86	58.01	22.3	28.4	Calm	E 2	E	E	.3
13	58.56	57.21	23.2	28	Calm	Calm	ENE	E	10.1
14	58.21	56.44	22.4	30.7	Calm	E 2	E	E	------
15	58.06	56.91	23	30.4	Calm	E 2	E	E	------
16	59.05	58.12	22.8	28.4	ENE 1	ENE 2	E	NE	25.4
17	59.01	57.99	22.9	26.2	ENE 2	ENE 4	ENE	NE	.6
18	59.71	58.77	22.3	27.7	Calm	ESE 4	E	E	------
19	60.07	58.59	22.8	29.2	E 3	E 3	E	E	------
20	59.47	58.22	20.8	30	Calm	E 2	E	E	------
21	60.02	57.32	19.5	30.4	Calm	E 1	ENE	NNE	41.7
22	58.44	57.32	22.2	26.8	Calm	NE 1	N	NE	------
23	58.04	56.69	23.6	25.3	Calm	NE 1	NNE	N	11.2
24	58.61	58.21	23.3	26	Calm	E 1	E	NE	.5
25	60.64	58.99	22.8	29	Calm	E 2	NE	NE	------
26	59.96	58.72	23.4	30	Calm	E 3	NE	NE	------
27	60.52	59.67	24	29	E 2	ESE 2	E	E	29.2
28	61.72	61.41	23.7	24	ENE 1	E 3	NE	ENE	31
29	61.09	60.16	23.2	26.6	ENE 3	E 3	NE	E	------
30	61.34	59.24	20	28.2	Calm	E 2	E	E	------
31	60.11	59.45	21.8	28.2	Calm	ENE 3	E	E	------
Mean	59.40	58.19	22.5	28.4	0.6	2.1	------	------	------
Total	------	------	------	------	------	------	------	------	160.5

IBA.

[ϕ=15° 20′ N ; λ=119° 58′ E ; barometer above sea, 4.81 meters ; gravity correction not applied, —1.69 mm.]

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	58.51	57.38	------	30	Calm	W 1	------	------	------
2	57.69	56.22	18.5	30.5	ENE 1	WbyN 1	------	------	------
3	57.79	56.67	21.2	32	Calm	WNW 3	------	------	------
4	58.53	57.46	22.6	32.2	Calm	WNW 2	------	N	------
5	59.14	58.12	22.1	29.4	Calm	WNW 3	------	------	------
6	59.69	58.40	21	28.5	Calm	WbyN 3	------	------	------
7	59.21	58.52	22.5	28	Calm	NW 2	------	------	------
8	59.31	58.35	19.8	29.6	Calm	WbyN 2	------	------	------
9	59.82	59.31	20.6	30.4	Calm	WNW 2	------	E	------
10	60.93	60.57	20.5	29.5	Calm	NE 1	------	N	2.7
11	60.68	60.15	22.4	28.1	EbyN 1	WNW 1	------	------	53.3
12	61.15	59.42	20.5	27.7	Calm	WNW 1	------	------	13.1
13	59.97	59.23	21.7	29.5	Calm	WNW 1	------	NE	22.9
14	60.29	59.62	22.8	30.4	Calm	NNW 2	------	ENE	------
15	60.73	59.25	21.2	30	E 1	WNW 1	------	NE	------
16	58.99	57.83	19.9	29	EbyN 1	SW 1	------	NNE	------
17	57.64	56.07	22	28.4	Calm	NWbyW 2	------	------	------
18	56.55	55.87	22.2	29	Calm	SW 1	------	------	5.6
19	56.80	56.03	22.8	30.4	Calm	SSW 2	SSE	S	.5
20	58.63	57.99	24.5	30	Calm	SSW 2	S	------	------
21	59.37	58.47	22	30.7	Calm	W 2	------	------	------
22	58.88	58.15	22.7	28.7	Calm	WNW 2	------	------	1.4
23	58.50	58.33	22.3	27.5	Calm	NW 2	------	------	------
24	59.49	58.47	21.9	30.9	Calm	WSW 2	------	------	------
25	60.29	59.89	22.5	31	Calm	W 3	------	E	16.4
26	60.77	60.01	22	31	EbyN 1	WNW 2	------	------	------
27	60.08	58.57	19.5	31	Calm	W 2	------	------	------
28	59.19	58.29	20.5	31	Calm	WNW 2	------	E	------
29	58.72	57.69	19.5	31.4	NNE 1	WNW 2	------	------	------
30	58.10	57.50	22.5	30.4	SE 1	WNW 1	------	------	------
31	57.81	56.77	21.5	30.7	SE 1	W 2	------	E	------
Mean	59.14	58.21	21.5	29.9	0.3	1.8	------	------	------
Total	------	------	------	------	------	------	------	------	115.9

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	58.26	57.45	20	30.9	NE 1	NW 2	------	SE	------
2	59.48	57.91	19.2	30.9	Calm	WbyS 1	------	------	------
3	59.09	58.01	19.7	31.5	Calm	W 2	------	NE	------
4	57.87	57.09	22.5	29	Calm	W 1	------	E	------
5	58.14	57.20	20.5	30.6	Calm	W 2	------	E	------
6	58.87	57.04	23.6	31.2	E 1	W 2	------	E	------
7	58.94	57.65	22	31.2	E 1	NW 2	------	E	------
8	59.17	57.85	20.4	30.7	Calm	WbyN 2	------	NEbyN	------
9	58.23	57.47	22.2	31.6	Calm	WSW 2	------	------	------
10	58.88	57.30	20.1	31.3	Calm	W 2	------	------	------
11	58.47	57.67	21.3	31.2	Calm	WNW 1	------	NE	------
12	58.09	57.32	21.5	32	Calm	WNW 2	------	------	------
13	58.62	58.41	22	30.1	Calm	WSW 1	------	------	------
14	58.89	58.65	22.2	31.4	Calm	W 2	------	------	------
15	59.82	59.35	21.6	31.2	Calm	W 2	------	------	16
16	58.91	58.46	22.1	31.3	Calm	W 2	------	ENE	------
17	58.66	57.11	22.6	32	Calm	W 2	------	------	------
18	57.06	55.47	24.4	31.1	Calm	WNW 3	------	------	------
19	56.82	56.17	23	29.6	Calm	NWbyW 3	------	------	------
20	57.15	55.69	23.5	31.4	Calm	WSW 1	------	------	------
21	56.80	55.59	22.4	32	Calm	SW 1	------	------	------
22	56.80	55.85	23.5	30.9	Calm	SW 1	------	------	.3
23	57.03	55.50	22	31	Calm	NW 3	------	------	35.1
24	56.29	56.13	24.4	28.5	ESE 1	SE 1	N	------	.8
25	57.31	57.19	23.3	23.5	Calm	SE 2	SE	S	55.3
26	58.41	57.70	23	31.5	SE 1	SSW 3	------	------	------
27	58.91	58.46	22.3	27.9	Calm	N 1	------	N	------
28	59.37	58.19	22.3	31.4	Calm	W 1	------	------	------
29	59.38	58.43	23.8	31.9	EbyN 1	WNW 2	------	------	------
30	59.31	58.55	23.3	31.5	EbyN 1	W 1	------	E	------
31	------	------	------	------	------	------	------	------	------
Mean	58.30	57.36	22.2	30.7	0.2	1.8	------	------	------
Total	------	------	------	------	------	------	------	------	107.5

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	59.49	57.90	23.6	31.5	SSW 1	WbyS 2	------	EbyN	------
2	58.47	56.96	22.4	31.5	Calm	W 2	------	E	0.6
3	58.02	56.52	23	31.5	Calm	WNW 2	------	E	2.8
4	58.70	56.94	23.5	31.4	NE 1	SW 2	------	------	------
5	58.10	56.64	23.5	32	Calm	WNW 2	------	NE	.8
6	56.58	54.98	23.5	31.7	Calm	WNW 2	------	W	1.7
7	54.50	53.76	23.9	30.5	Calm	NW 4	------	NW	5.3
8	55.47	55.17	23.8	30.8	Calm	WNW 2	NW	NW	------
9	56.28	54.97	20.5	31	Calm	WNW 2	------	------	------
10	56.87	55.92	21.6	31	Calm	WbyN 2	------	------	------
11	57.69	56.64	22.9	30.6	Calm	WNW 2	------	------	------
12	57.87	57.27	24.7	29.2	Calm	NbyE 1	SE	------	.5
13	57.84	56.15	22	31	Calm	WbyN 2	------	------	------
14	57.32	56.29	25	31.3	Calm	WSW 2	E	------	------
15	57.77	57.29	24.1	30.4	Calm	S 2	------	SW	.3
16	58.07	56.87	22.5	31.4	Calm	WNW 3	------	------	------
17	58.10	56.70	22.7	32.1	EbyS 1	WbyN 2	------	------	------
18	58.05	57.44	22.7	31.6	Calm	SSW 2	------	------	------
19	57.79	57.48	24.3	31.6	SEbyE 2	SSW 3	------	------	54.6
20	59.13	58.17	23.6	30.2	EbyS 1	S 2	------	------	------
21	59.02	58.26	24.8	28.5	ESE 2	NE 1	------	------	.9
22	58.92	57.42	23.8	29.6	Calm	SSW 2	------	------	------
23	56.83	56.26	25.4	28.5	ESE 1	S 3	------	------	30.6
24	55.66	56.09	23.7	25	SE 2	SE 3	S	SSW	169.7
25	55.34	54.62	25.5	26.6	SSE 5	S 6	SSW	SW	74.4
26	55.99	56.31	25.8	29.1	SSW 2	SW 1	WbyS	W	54.2
27	55.73	55.48	23.7	29	ESE 1	S 2	SSW	------	87.6
28	56.19	56.39	23.7	23.9	Calm	SSW 1	------	SW	125.3
29	56.65	58.23	23.8	23.8	ESE 1	SE 1	WSW	SW	147.3
30	57.09	57.66	23.9	29.7	ESE 1	S 3	------	SSW	------
31	57.96	57.06	24	30	SEbyE 1	SWbyS 1	------	------	------
Mean	57.34	56.58	23.6	29.9	0.7	2.2	------	------	------
Total	------	------	------	------	------	------	------	------	756.6

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	57.76	56.60	23.5	30.5	Calm	SSW 1	------	------	------
2	57.39	56.44	25	31.5	SE 1	SSW 2	------	SE	9.9
3	57.57	56.11	23.8	32.4	Calm	WSW 2	------	SE	------
4	56.55	55.32	23.5	32	Calm	WbyN 2	------	------	------
5	56.89	56.53	24.8	33.8	SE 2	SSW 2	------	SE	------
6	58.68	57.55	23.5	32.5	Calm	WSW 2	------	E	------
7	58.68	57.94	24	32.3	Calm	W 2	------	E	5.6
8	58.62	57.75	23.8	31.9	Calm	W 1	------	------	24.1
9	58.57	56.97	23.8	32.4	SE 1	WSW 2	------	E	9.7
10	58.40	58.25	24.2	33	SEbyS 2	W 1	------	------	------
11	59.40	58.61	23.5	32.5	Calm	WNW 2	------	E	------
12	59.20	59.11	23.9	29.4	Calm	ESE 3	------	E	2.3
13	58.84	57.24	22.5	32.4	Calm	WNW 2	------	E	4.6
14	58.23	57.29	24.6	31.4	Calm	WSW 2	------	ESE	------
15	58.82	57.76	24.5	32.4	Calm	NW 1	------	N	------
16	58.03	57.50	24.7	32.6	E 1	WNW 2	------	E	1.3
17	57.99	57.13	23.2	31.8	Calm	WNW 2	------	E	4.3
18	57.59	56.97	21.6	32.5	Calm	WNW 2	------	------	14.9
19	57.73	56.39	24	33.4	E 1	NEbyN 2	------	E	------
20	57.47	56.03	23.6	32	Calm	WNW 1	------	E	5.8
21	57.18	56.34	23.7	28.4	Calm	WNW 2	------	EbyS	5.5
22	58.58	57.16	24.3	31.3	ESE 1	SSE 2	------	------	------
23	57.32	56.77	24	29	Calm	NNW 1	------	SE	1
24	56	56.30	25	28.8	SE 1	N 1	------	NE	6
25	56.17	56.08	23.6	26.6	Calm	NNW 2	------	------	9.9
26	56.73	55.95	23.5	27.5	Calm	NE 2	------	NE	11.3
27	56.03	55.64	24.5	27.9	SE 2	SE 1	SSE	------	17.2
28	56.42	56.52	24.3	24.5	SSE 1	SE 3	------	------	6.1
29	56.33	55.55	25	29.6	SE 2	S 2	------	------	28.7
30	56.44	56.45	24.6	25	SE 2	SSE 1	SSE	S	37.1
31	------	------	------	------	------	------	------	------	------
Mean	57.65	56.88	24	30.7	0.6	1.8	------	------	------
Total	------	------	------	------	------	------	------	------	205.3

This station was reestablished on March, 1910, after having been closed for a period of over 7 years.

IBA.

[ϕ=15° 20′ N; λ=119° 58′ E; barometer above sea, 4.81 meters; gravity correction not applied, —1.69 mm.]

Day.	JULY.									AUGUST.								
	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.	mm.	mm.	°C.	°C.					mm.
1	56.61	56.48	23.5	24.8	SEbyE 2	SEbyS 2	S	S	17.8	58.09	56.99	23	28.4	ESE 1	S 2	SSE	------	7.5
2	56.34	56.72	23.5	25	SE 2	S 1	S	S	21.5	56.31	56.08	24	27	SSE 2	NW 2	S	WSW	24.2
3	56.88	56.43	23.6	29.4	SEbyE 3	S 2	S	S	2.9	56.14	55.90	23.4	29.8	Calm	SW 2	SSW	------	3.6
4	56.35	56.61	23.6	29	SEbyE 1	SSE 2	------	SEbyS	5.7	56.80	56.25	23.9	29.8	Calm	S 2	------	SbyW	1.8
5	57.96	58.82	24	31.1	ESE 2	SSW 2	------	------	13.1	56.69	56.96	24	29	SE 1	S 1	------	SSE	15.1
6	60.27	59.21	23.6	31.3	ESE 1	SSW 1	------	------	------	57.40	56.86	23.6	29	Calm	SSW 1	------	SW	1.2
7	60.12	59.25	24	32	Calm	NWbyN 1	------	W	------	56.67	56.96	23.9	28.7	SEbyE 1	Calm	SE	W	46.1
8	59.08	58.94	22.9	31.5	Calm	SW 1	------	------	5.5	56.96	56.49	23	30	SE 1	SSW 1	------	W	20.6
9	58.26	58.11	22.8	26.4	Calm	NEbyN 1	------	SWbyW	30.7	56.55	56.02	23.5	31	E 1	SSW 1	SW	SW	48.2
10	58.16	57.95	23.5	30.2	Calm	SW 1	SW	W	1.3	56.29	56.02	23.7	26.8	SE 1	S 2	SSW	SSW	56.6
11	57.84	57.51	23.5	29	Calm	SW 1	------	------	3.8	56.83	57.13	24.4	26	SE 1	SW 1	SW	SW	61
12	58.14	57.15	24	31.5	Calm	SW 1	W	------	8.6	58.09	57.69	23.5	24.6	ESE 1	NW 1	SW	------	49.9
13	56.55	56.04	24.1	31.1	Calm	WSW 1	------	WbyN	8.7	57	55.71	23.8	27.6	S 1	SSW 1	WSW	WSW	33.8
14	55.49	54.32	24.5	30.9	Calm	W 2	W	W	23.3	56.07	55.75	24.4	30.3	SW 1	SSW 2	SSW	W	.5
15	55.40	55.60	23.2	24	Calm	S 2	WSW	SW	27.9	56.49	56.35	23	27.2	SE 1	S 3	------	S	2.9
16	56	56.46	22.3	23.4	Calm	WNW 1	SW	NW	74.7	56.72	55.94	24.4	31.1	ESE 1	SSW 2	------	SW	3.8
17	56.11	56.59	22.5	27.3	SE 1	SE 1	SW	------	40.7	56.74	56.12	24.6	31.3	Calm	SSW 2	------	SSW	.5
18	57.78	57.62	23.3	30	ESE 1	SbyE 1	------	------	8.4	57.68	56.59	25	31.5	EbyS 1	SW 1	EbyS	WSW	------
19	57.34	56.89	22.3	31.5	Calm	WbyS 1	------	------	------	57.38	57.23	24.5	30.7	Calm	NW 2	------	NW	------
20	57.09	56.79	23.4	27.6	Calm	SE 1	------	------	.3	57.38	56.45	23.8	32.1	Calm	NW 1	------	NE	1
21	59.09	58.75	22.4	30.6	Calm	WbyN 1	------	SSE	------	57.17	56.52	23.5	31.7	E 1	SW 1	ESE	E	16.1
22	58.98	57.98	23	31.4	N 1	WNW 2	------	E	.4	57.87	57.26	24.4	29.8	SE 1	SSW 2	ESE	------	------
23	56.89	56.53	23.5	32	Calm	W 2	------	ENE	------	57.35	57.17	22.5	29.5	Calm	WNW 2	------	W	1.4
24	55.64	55.94	23.5	30	Calm	NNE 1	------	W	2.5	56.02	55.27	24	24.5	Calm	Calm	ENE	NE	74.6
25	55.91	55.86	22.4	32.2	Calm	WbyN 1	------	NE	------	55.21	54.82	24	31.4	SE 2	SSW 2	------	------	------
26	57.03	56.86	23	31	Calm	WNW 1	------	NE	------	56.02	55.69	23.5	29.5	ESE 1	Calm	SSW	------	------
27	57.52	57.08	22.9	32	Calm	WSW 1	------	WbyS	------	57.10	56.30	22.5	30.8	Calm	SW 1	E	------	1.5
28	57.05	56.46	22.3	31.5	Calm	NNW 2	------	------	------	57.19	56.62	24	28.2	Calm	Calm	WbyS	WSW	98.3
29	56.34	55.81	21.8	32	Calm	W 1	------	------	------	57.83	56.61	23	28.5	Calm	S 1	WNW	SW	54.2
30	56.04	56.22	23.6	27.9	ESE 1	SE 1	------	------	49.1	56.10	55.96	23.5	24.6	Calm	NNW 1	WSW	WSW	80.9
31	57.88	56.71	24	29.6	Calm	SSE 1	SW	------	71.4	55.34	54.36	23.8	29.1	Calm	S 1	SW	SW	59.9
Mean	57.29	57.02	23.2	29.6	0.5	1.3	------	------	------	56.82	56.32	23.7	29	0.6	1.3	------	------	------
Total	------	------	------	------	------	------	------	------	418.3	------	------	------	------	------	------	------	------	765.1

Day.	SEPTEMBER.									OCTOBER.								
	mm.	mm.	°C.	°C.					mm.	mm.	mm.	°C.	°C.					mm.
1	55	55.07	26.8	28.4	SSW 2	S 2	SW	SW	56.1	57.14	57.07	24.2	29	SE 1	SbyE 1	S	S	27.2
2	55.47	55.93	24	25.4	SSE 1	ESE 1	SbyW	SW	69.2	57.76	57.58	23.4	25	Calm	N 1	SW	WSW	3.2
3	56.60	54.75	24.5	28.7	SW 2	S 1	SW	SSW	51.8	56.46	55.73	23	27	Calm	SWbyS 1	------	W	69.8
4	54.49	54.44	24.4	25	ESE 1	SW 1	SW	WSW	93.5	56.74	57.75	23.5	25	SE 1	SE 1	S	------	14.1
5	54.72	54.39	24.6	27.7	SSW 1	SW 2	SSW	SW	18.5	58.48	57.97	23.4	30.3	SE 1	SSW 2	------	------	------
6	54.52	54.19	25.4	25	SSW 2	SW 4	SW	WSW	21.7	58.61	57.40	22.4	30	Calm	WSW 1	------	NW	------
7	54.18	54.81	24	30.5	Calm	S 2	SW	S	29.1	58.37	57.44	23.5	30.5	Calm	NW 2	------	NW	1
8	55.94	55.62	24	31	SE 1	SSW 2	S	SSW	------	57.55	56.31	23.5	28.4	Calm	NW 1	N	NW	19.9
9	57.40	57.15	24.5	30.5	SE 1	SW 2	------	SSW	3.3	57.63	57.21	24.1	29.5	Calm	WSW 1	------	W	.2
10	57.49	57.20	23.4	30.5	SSE 1	WSW 2	------	WSW	11.3	58.01	57.33	22.5	27.8	Calm	SWbyS 2	------	SSW	25.8
11	58.03	57.06	23.1	30	E 1	SW 1	------	------	1.6	59.27	58.21	22.6	28.7	Calm	Calm	SE	------	7.8
12	59.18	57.04	23.6	31	Calm	WSW 1	------	S	------	59.21	58.22	22.2	28.1	Calm	NNE 1	------	NE	.3
13	58.89	57.19	23.3	30.9	Calm	WSW 1	------	E	13	59.01	58.12	22.3	30	ESE 1	NW 1	------	EbyN	1.9
14	57.88	57.22	22.8	27.5	Calm	Calm	------	------	.8	58.77	58.31	23.5	31.1	Calm	W 1	WSW	S	2.1
15	57.48	56.30	23.5	29.5	Calm	SWbyS 1	SE	S	------	59.51	58.33	22.3	29.6	Calm	W 1	------	E	.1
16	56.59	56.24	22.5	25.5	Calm	NE 1	------	EbyN	8.9	59.43	58.15	23.5	30.3	Calm	NW 2	ESE	N	2
17	57.14	58.41	23.7	26.6	E 1	ESE 1	ESE	SE	33.1	59.61	58.70	23.6	30	ESE 1	WSW 1	EbyN	SE	------
18	59.83	59.24	23	28	Calm	Calm	------	SW	1	60.04	59.36	23	31.1	Calm	NW 1	------	E	------
19	59.78	57.87	23.4	26	Calm	NNW 1	------	------	3.3	60.03	58.88	21.7	30.5	Calm	NW 2	------	E	------
20	57.55	56.77	23.1	25.5	Calm	Calm	------	SEbyE	6.3	59.81	58.61	21.7	30.5	Calm	NW 2	------	------	------
21	56.88	55.80	23.3	29.5	SE 1	W 1	ESE	E	2	59.38	58.16	21.5	30.5	Calm	NW 1	------	E	------
22	57.75	56.96	23.5	28	SSE 2	S 1	------	------	6.9	59.67	58.43	22	32	Calm	W 1	------	E	------
23	58.15	58.05	22.1	31	Calm	W 1	------	------	------	59.12	58.26	23.2	31.9	Calm	WNW 2	------	ENE	------
24	56.86	53.42	22	27.3	Calm	NW 4	------	NW	46.2	58.48	57.68	21.6	31.4	Calm	NW 2	------	E	------
25	55.86	55.56	22.6	28.5	SW 1	SSW 2	SW	------	10.4	59.28	58.44	21.7	32	Calm	NNW 2	------	E	------
26	56.40	55.60	22.5	28.9	Calm	WNW 1	SE	WNW	26.4	60.06	57.82	21	31.7	Calm	NW 2	------	E	------
27	55.66	54.43	23.4	26	ESE 1	Calm	NW	W	78.5	59.12	58.01	21.7	31.1	Calm	WNW 1	EbyN	E	------
28	53.31	52.04	24.5	25.6	WSW 1	SWbyW 2	W	W	116.6	58.51	57.69	22	32	Calm	NW 1	------	E	------
29	52.09	51.56	25.9	26.2	S 1	SE 1	SW	SSW	53.5	57.96	57.71	21	32	Calm	W 1	------	NE	------
30	53.68	54.67	23.9	26	SE 1	SSE 3	S	S	70.3	58.73	56.68	21.8	32	Calm	NW 2	------	NE	------
31	------	------	------	------	------	------	------	------	------	56.44	54.83	22.3	32.2	Calm	NWbyW 1	ENE	NE	------
Mean	56.49	55.83	23.6	28	0.7	1.4	------	------	------	58.65	57.75	22.6	30	0.2	1.3	------	------	------
Total	------	------	------	------	------	------	------	------	833.3	------	------	------	------	------	------	------	------	175.4

IBA.

[ϕ=15° 20′ N ; λ=119° 58′ E ; barometer above sea, 4.81 meters ; gravity correction not applied, —1.69 mm.]

Day.	NOVEMBER.									DECEMBER.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.	mm.	mm.	°C.	°C.					mm.
1	55.04	53.59	24.5	31.8	ESE 1	W 1	E	EbyN	------	59.09	57.60	19.9	30.6	Calm	NW 2	------	E	------
2	54.32	54.72	22.8	29.5	E 3	ESE 4	E	SEbyE	------	59.16	57.76	21.5	29.5	Calm	NW 1	------	E	2.1
3	57.42	56.54	25	31	SE 1	SE 2	SSE	ESE	------	57.76	56.77	23.4	30.4	NE 1	NE 2	ENE	E	------
4	58.44	57.44	23.4	27	Calm	ESE 2	------	------	------	57.27	56.50	25	32.5	SE 2	EbyS 5	ESE	E	------
5	58.73	57.68	21	31.5	Calm	NW 2	------	E	------	59.35	58.68	25.2	30.8	SSE 2	NNW 2	SE	E	------
6	58.86	57.34	20.6	31.7	Calm	WNW 1	------	------	------	60.54	58.56	20.5	31.5	NE 1	WNW 2	------	------	------
7	58.86	57.99	21	30	Calm	NW 1	------	ENE	------	59.21	57.87	21.5	29.5	Calm	NW 2	------	EbyN	------
8	58.92	57.15	24	32	E 1	SW 1	ESE	E	1.3	58.78	57.49	20.5	30.2	Calm	NW 2	------	NE	------
9	58.38	56.91	22.6	31.2	Calm	WSW 1	------	------	------	58.81	57.20	19.5	30	Calm	NWbyW 2	------	------	------
10	56.81	55.69	21.7	28.2	Calm	NE 2	------	N	.6	58.79	57.71	18.8	30	Calm	WNW 2	------	------	------
11	57.19	54.97	23.5	31	Calm	WNW 2	NW	N	------	59.40	58.09	19.7	30	Calm	NWbyW 2	E	EbyN	------
12	57.24	56.06	21.5	28.1	Calm	NNE 1	------	NNE	.6	59.04	57.70	19.2	30.6	E 1	NW 2	------	E	------
13	57.59	55.76	22.8	29.7	EbyS 1	NW 1	------	NE	.8	58.86	57.04	20.5	30	Calm	NW 2	------	E	.4
14	55.43	53.10	22.8	26.8	EbyS 1	Calm	ENE	E	13.9	58.02	56.72	23.3	30.5	Calm	NW 1	------	E	------
15	55.33	54.30	25.3	32.3	SE 2	S 2	SSE	SSE	------	58	56.77	21.4	30	Calm	WNW 2	E	ESE	21.7
16	56.63	55.90	22	29.5	Calm	NE 3	------	E	.5	58.94	57.87	22.5	29.7	ESE 1	WNW 2	ENE	E	------
17	57.28	56.90	22.5	27.8	Calm	WSW 1	SE	SE	------	58.45	56.97	22	30.5	ESE 1	NW 1	------	E	------
18	58.94	57.47	23.6	28.5	SE 2	NW 1	E	ENE	------	58.61	57.87	23.2	30.3	SE 3	ESE 5	------	------	------
19	58.29	56.77	23.4	31	Calm	W 1	------	------	------	59.38	58.04	23.4	30.5	EbyS 4	EbyS 4	------	------	------
20	58.23	57.02	23	30.1	E 1	NW 1	ESE	NE	------	59.11	58.02	22.5	29.6	E 2	NW 2	------	------	------
21	57.48	56.59	22.7	30	Calm	NW 2	ENE	NE	------	59.63	57.58	18.5	29.7	Calm	WNW 2	------	ENE	------
22	56.09	53.05	21.5	24.8	Calm	NNW 2	NE	NE	4.1	58.46	56.88	20.5	28.5	Calm	NW 1	------	------	------
23	56	54.84	25	32.5	SE 3	SE 4	SE	S	.3	58.30	56.63	20.1	29.4	Calm	NNW 2	------	NE	------
24	57.72	56.47	24.9	30	SE 2	W 2	------	ESE	------	58.52	57.73	20.2	28.8	Calm	NW 1	------	E	------
25	57.75	56.30	22.2	30.1	Calm	NW 1	------	ENE	------	60.26	58.77	21.5	30.1	Calm	NW 3	------	------	------
26	58.44	57.43	20.6	29.4	E 1	NW 1	------	E	------	60.02	58.30	21.2	29	Calm	NW 3	------	E	------
27	58.88	57.55	21.4	29.5	E 1	WNW 2	E	E	------	60.21	59.66	20.9	29	Calm	NWbyW 2	------	E	------
28	58.56	57.61	21	29.6	E 1	WNW 1	E	------	------	61.26	60.27	24.7	30.5	SE 1	SE 3	ESE	NE	------
29	57.96	57.57	20.6	29.5	Calm	WNW 1	------	E	------	60.79	59.22	20.5	30.1	Calm	NW 2	------	E	------
30	58.69	57.54	22.4	30	NEbyE 1	NW 2	E	E	------	60.62	59.07	23.2	29	ESE 2	NW 2	N	------	------
31	------	------	------	------	------	------	------	------	------	59.30	58.67	19.4	29	Calm	NW 1	------	E	------
Mean	57.52	56.28	22.6	29.8	0.7	1.6	------	------	------	59.16	57.87	21.4	30	0.7	2.2	------	------	------
Total	------	------	------	------	------	------	------	------	22.1	------	------	------	------	------	------	------	------	24.2

SAN FERNANDO.

[ϕ=16° 37′ N; λ=120° 19′ E; barometer above sea, 3 meters; gravity correction not applied, —1.65 mm.]

JANUARY.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	60.01	57.83	21.4	29.5	E 1	NNW 1			
2	60.29	59.59	22.4	28.6	E 1	E 1		SE	
3	61.62	59.43	21.3	29.4	S 1	W 2			
4	62.47	60.56	21.4	29.9	Calm	NNW 1			0.8
5	61.72	59.35	23.3	31.2	Calm	WSW 1			
6	60.14	59.35	21.4	30	Calm	NNW 2			
7	59.14	57.65	21	29.6	S 1	W 1			
8	59.70	58.36	20.5	29.2	SE 1	NNW 1	N		
9	59.17	57.51	19	29.6	S 1	N 1			
10	59.36	57.91	19.8	31.7	S 1	W 1			
11	58.20	56.75	19.4	30.1	E 1	NW 1			
12	58.67	56.99	20.4	30	SSE 1	W 1			
13	57.97	56.60	19.6	30	NE 1	WNW 1			
14	58.74	57.15	20.5	29.4	SSE 1	N 2			
15	59.21	57.71	20.4	29	S 1	NNW 1			
16	60.52	59.12	20.3	29.7	SE 1	W 2			
17	60.63	59	19.7	29.3	NE 1	SW 1			
18	59.86	58.50	18	28.5	NNE 1	W 1			
19	60.78	58.99	19	28.5	Calm	WNW 1			
20	61.49	60.38	23	27.9	S 1	NW 1			.8
21	61.12	59.34	22.2	29.4	Calm	SW 2			23.1
22	61.34	59.38	22.2	29.3	Calm	W 1			
23	61.06	59.49	23	29.2	Calm	NNW 1			
24	61.12	59.78	23.1	29.6	SE 1	NW 2			
25	61.82	60.92	22	27.3	S 1	N 3	N		
26	61.35	60.46	18	28	E 1	NW 1			
27	62.50	61.64	19	28.4	S 1	NNW 1			
28	62.70	60.73	18.5	28	Calm	N 2			
29	61.25	59.28	17.8	28.3	NNE 1	NW 1			
30	61.57	59.93	18.9	28.4	NE 1	WNW 2			
31	61.43	59.30	18.2	29.4	NE 1	SW 1			
Mean	60.55	59	20.5	29.2	0.7	1.3			
Total									24.7

FEBRUARY.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	62.72	61.66	19.8	28.5	Calm	NW 1			
2	63.34	62.29	20	28.3	S 1	W 1			
3	64.04	61.78	18.8	27	Calm	NW 1			
4	62.70	60.74	19.2	28.5	Calm	NW 2			
5	60.77	58.80	21	28.4	NE 1	NNW 1			
6	59.30	57.55	21.8	29.7	Calm	N 1			
7	59.56	57.78	21.7	30.[illegible]	E 1	N 1			
8	59.24	57.95	22.2	29.4	E 1	NW 1			
9	58.11	56.47	21.2	30.5	Calm	W 1			
10	59.27	57.52	21.9	29.8	NE 1	W 1			
11	59.35	57.65	21	29.6	Calm	NW 1			30.5
12	59.29	57.57	22.4	28.7	Calm	NNW 1			
13	59.55	58.07	23	29.5	Calm	N 1			
14	60.07	58.35	22	29.1	Calm	SW 1			
15	59.89	57.52	22.6	30.4	Calm	NNW 1			
16	59.86	57.90	22.6	30.4	S 1	NW 1			
17	58.86	57.14	22.4	29.6	E 1	N 2			
18	59.07	57.47	21.2	29.7	NE 1	W 1			
19	59.54	58.70	22.5	30.9	Calm	N 1			
20	60.72	59.53	21.8	31.6	S 1	NW 1			
21	60.83	59.08	21.5	29.9	E 1	W 1			
22	60.68	58.09	21.9	31.4	Calm	NW 1	W		
23	60.89	58.76	21.6	29.6	Calm	NW 2			
24	59.90	58.67	22.2	30.4	NE 1	WNW 1			
25	58.96	57.81	21	31.4	NNE 1	N 1			
26	60.37	58.99	20.4	30.5	S 1	NW 1			
27	59.42	57.04	20.7	32.6	S 1	N 1			
28	58.66	57.55	21.5	31.5	S 1	NNW 1			
29									
30									
31									
Mean	60.18	58.52	21.4	29.9	0.5	1.1			
Total									30.5

MARCH.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	59.15	57.49	21.4	30.5	E 1	W 1			
2	58.42	56.15	20.1	31.6	SE 1	NW 1			
3	58.74	57.34	21	29.6	NE 1	NNW 2			
4	58.96	57.82	20.6	29.9	Calm	NW 1			
5	59.79	58.07	20.9	30.3	Calm	NNW 2			
6	60.62	58.47	21.8	29.6	Calm	W 1			
7	59.88	58.54	22	29.9	Calm	NW 1			
8	60.39	58.84	21.2	30.5	E 1	W 1			
9	60.79	59.60	21.4	30.6	Calm	NNW 1			
10	61.49	60.65	22.4	30.5	Calm	N 1			
11	61.62	60.16	21.9	30.3	Calm	W 1			
12	61.71	59.60	21.1	30.4	Calm	W 1			
13	60.89	59.37	21	31.1	E 1	N 1			21.6
14	61.11	60	21.9	30.5	SE 1	W 1			
15	61.27	59.78	22.8	30.1	S 1	NNE 1			
16	59.35	57.39	23	31.3	SE 1	NW 2			
17	57.76	55.93	23	31.7	E 1	WNW 1			
18	56.48	55.39	24.4	28.8	E 1	SW 1			
19	56.84	55.76	23.4	32.8	Calm	N 2			6.4
20	59.12	57.78	24.4	31.2	Calm	W 1			
21	60.11	58.48	24.9	29.7	SE 1	N 1			
22	59.24	57.56	24.1	30.6	Calm	SW 1			2.3
23	59.03	58.12	24	30	Calm	NNW 2		NE	
24	60.17	58.72	22.5	31.2	Calm	W 1			7.6
25	60.98	60.23	22.2	31.4	S 1	SW 2			
26	61.74	60.32	22.8	31.4	E 1	NW 1			
27	61.06	59.12	22.5	32	Calm	NNE 1			
28	59.59	58.67	19.9	31.4	E 1	WNW 1			
29	59.46	58.69	21.1	31.2	NE 1	N 2			
30	58.97	58.02	20.8	31.2	NE 1	SW 1			
31	58.49	56.78	22.7	31.4	SE 1	NNE 1			.8
Mean	59.78	58.35	22.2	31.1	0.5	1.2			
Total									38.7

APRIL.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	58.80	57.72	22.8	32.2	Calm	W 1			
2	59.95	58.08	21.5	32.1	Calm	NW 2			
3	59.78	58.17	24.4	31.8	SE 1	W 2			
4	58.54	57.18	23	32.5	Calm	N 1			
5	58.84	57.42	23.5	32.4	Calm	SW 1			
6	59.65	57.62	23.1	32	Calm	NW 1			
7	59.35	57.81	24	32.3	E 1	W 1			
8	59.63	57.86	23.6	32.6	Calm	SW 2			
9	58.60	57.16	24.3	34	Calm	WNW 1			
10	59.34	57.76	24.4	33.5	Calm	N 1			
11	58.93	57.95	23.5	32.5	S 1	W 2			
12	58.54	57.47	22.6	32.2	E 1	NE 1			
13	58.98	58.12	24.4	32.6	Calm	NW 1			
14	59.42	58.86	24.2	32.4	Calm	N 1			
15	60.31	59.60	24.4	33.6	Calm	NW 1			
16	59.47	58.32	24.6	32.9	E 1	SW 1			2
17	59	56.98	24.2	32.9	SE 1	NNE 1			
18	57.42	55.72	24.4	32.8	E 1	NNW 1			
19	57.36	55.98	25.4	32.6	NE 1	W 1			
20	57.46	55.65	25.3	33.7	Calm	NW 1			
21	57.03	55.50	24.2	31.8	S 1	SW 1			
22	57.49	55.60	25.2		E 1	NW 1			
23	57.63	56.01	23.2	31.6	Calm	N 1			
24	56.90	56.35	25.3	33	Calm	WNW 1			
25	57.43	57.26	25.2	25.7	Calm	Calm		S	2.5
26	58.19	57.66	25.4	32.3	S 1	W 1			
27	59.38	58.41	23.4	31.4	Calm	N 2			.8
28	59.52	58.37	23.7	32.3	Calm	N 2			
29	59.73	59.07	25	32.6	Calm	W 1			
30	59.77	58.40	23.5	33.6	NE 1	NW 1			
31									
Mean	58.75	57.47	24.1	32.3	0.4	1.2			
Total									5.3

SAN FERNANDO UNION.

[ϕ=16° 37′ N; λ=120° 19′ E; barometer above sea, 3 meters; gravity correction not applied, —1.65 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	59.90	58.25	25	32.2	Calm	NNE 1			
2	58.98	56.99	25.4	33.2	E 1	SW 1			
3	58.44	56.87	25.9	32.8	Calm	N 2			
4	58.54	56.82	25.2	34.3	S 1	NW 1			
5	58.49	56.89	25.4	33.3	Calm	SW 1			3.3
6	56.79	54.99	25.6	31.6	Calm	WNW 1			
7	54.79	54.31	25.4	26.6	ENE 1	NNE 1	N	N	3.8
8	55.15	55.55	27.4	31.8	NNW 1	NW 1	N	NNW	
9	56.47	55.36	23.5	31.7	NE 1	NNW 1			
10	57.33	55.93	24.4	31.7	Calm	NW 1			
11	57.73	56.87	26.4	31.3	Calm	W 1			
12	58.13	57	26	31.5	Calm	SW 1			
13	57.93	56.07	26.8	33	Calm	W 1			
14	57.55	56.57	27.9	31.3	SE 1	SW 1			
15	58.32	56.89	26.4	32.7	E 1	NNW 2			
16	58.12	57.14	25.6	33.1	Calm	NW 1			
17	58.36	56.99	25.4	32.5	Calm	W 1			
18	58.18	57.42	24.5	33	Calm	SW 1			
19	58.07	57.06	25	33	Calm	NW 2			52.3
20	60.38	57.75	22.8	30.7	S 1	SSW 1			28.7
21	59.60	57.93	24.1	32.6	SE 1	S 1			16
22	59.58	56.93	25.4	30.8	Calm	SW 1			3.3
23	56.98	56.07	24.9	30.7	Calm	SW 1			26.2
24	56.03	56.25	24.2	24.8	Calm	Calm	SSW		82
25	53.99	52.40	24.3	25.4	S 2	S 2			99.1
26	55.89	55.67	24.2	25.7	SSE 1	SSW 1	SW		75.6
27	55.76	55.16	24.4	29.8	E 1	SW 1			
28	55.82	56.03	24.6	26.4	ESE 1	SE 1			2.6
29	56.96	57.49	24.2	24.7	E 1	S 1			63.5
30	57.68	57.36	24.6	29.5	NE 1	SW 1			3.8
31	58.27	56.88	25.3	31.8	SE 1	WSW 1			21.8
Mean	57.56	56.45	25.2	30.8	0.5	1.1			
Total									482

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	58.07	56.44	24.3	31	Calm	NW 1			
2	57.75	56.61	24.1	32	SSE 1	SSW 1			1.5
3	57.80	56.23	24.7	32	Calm	N 1			
4	56.83	55.97	25	32.2	SE 1	W 1			
5	57.18	57.43	25	33.8	Calm	NW 1			
6									
7									
8									
9									
10									
11									
12									
13									
14	58.79	57.75	25.4	32.4	S 1	SW 1			
15	59.09	57.87	25.2	33.4	E 1	WSW 1			
16	58.27	57.95	24.9	32.8	S 1	W 1			
17	58.26	57.46	24.9	33.2	NE 1	SSW 1			
18	57.94	57.42	24.3	32.5	SE 1	S 1			
19	58.09	57.02	24.2	34.5	NNE 1	Calm			
20	57.99	56.46	24.3	32.5	Calm	SW 1			
21	57.73	56.92	25.2	30.4	Calm	Calm			
22	58.80	57.53	24.6	30.8	Calm	SE 1			
23	57.94	56.92	25.2	29.6	Calm	S 1	N	NNE	33
24	56.65	56.08	25.4	32.4	ESE 1	Calm			
25	56.68	55.62	24.2	33.4	E 1	NNW 1			2.3
26	56.90	55.72	24.3	30.4	ENE 1	Calm			
27	56.65	55.32	23.9	28	Calm	Calm			
28	56.13	54.90	25.8	31	ENE 1	S 2			
29	55.97	54.80	25.4	31.4	S 2	SSW 2			
30	56.11	55.83	26.4	29.9	SE 2	SW 2			
Mean	57.53	56.56	24.8	31.8	0.7	0.9			
Total									

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	56.09	55.02	25.9	31.3	S 2	S 2			
2	56.25	55.48	24.6	31.4	S 2	SSW 3			
3	57.10	55.86	23.1	33.7	SE 1	SW 1			33
4	56.29	55.73	24.2	32.9	Calm	S 1			1.5
5	57.94	58.56	24.6	30	Calm	S 1			
6	60.48	59.37	24.7	31.8	Calm	SW 1			
7	60.08	59.56	24.9	29.7	Calm	Calm		SE	
8	59.32	59.10	23.7	30.9	E 1	NW 1			
9									
10									
11									
12		57.81		26		SW 1		S	25.4
13	56.90	56.35	25.2	28	NE 1	NE 1	W	NNW	
14	54.92	54.92	24.8	25	S 1	NE 1		NNW	3.8
15	55.53	54.82	23.6	28.7	SE 1	S 1			31.7
16	56.14	55.70	23	27.2	S 1	SW 1			59.7
17	56.91	56.57	22.5	26.8	Calm	Calm	W	SW	1.5
18	57.95	57.41	24.7	31.4	Calm	SW 1			
19	58.07	57.18	25.3	31.2	Calm	W 1			
20	57.41	57.38	23.4	28.8	E 1	SSW 1			
21	59.41	59.26	22.3	30.4	Calm	WNW 1			
22	59.69	58.35	24.4	31.2	SE 1	SW 1			
23	57.54	56.76	25.2	31.3	Calm	W 1			
24	56.04	55.96	25	32.6	Calm	NNW 1			
25	56.30	55.81	24.7	31.7	Calm	NW 1			
26	57.34	56.78	25.4	32.4	Calm	WSW 1			
27	57.77	57.26	25.3	31.9	NE 1	W 1			
28	57.24	56.56	25	31.7	Calm	S 1	W		
29	56.47	55.93	24.9	31.7	SE 1	W 1			
30	56.52	55.95	25.2	33.4	Calm	S 1			
31	58.11	56.60	25.3	30.5	Calm	S 1			
Mean	57.40	56.86	24.5	30.5	0.5	1			
Total									[1]156.6

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.78	56.48	25.2	32	S 1	SSW 1	SSW		
2	56.09	55.55	25.8	28	Calm	S 2		SSW	
3	56.29	55.26	23.7	32.6	Calm	NW 1			
4	57.30	55.70	25.2	33.6	SE 1	SW 2			
5	57.27	56.42	25.3	33.3	Calm	SW 3			49.5
6	57.20	56.48	25.3	30.4	NE 1	S 1			2.3
7	56.57	57.10	24.8	27.5	Calm	Calm			4
8	57.09	56.83	24.3	27.5	E 1	S 1			3
9	56.10	56.49	25.2	27.9	ESE 1	S 1	S	SW	25.7
10	56.08	55.88	24.3	28.8	SSE 1	NW 1			27.7
11	56.42	56.73	24.6	25.4	S 1	SW 1		W	3
12	57.55	57.28	25.2	28.3	SE 1	SSW 1	W		
13	56.62	55.12	25.9	29.5	S 1	SW 1			
14	55.89	55.12	24.8	32.4	Calm	S 1	SW		
15	56.74	55.77	26	32.4	E 1	SSW 1	S		33
16	57.28	55.81	25.4	31.7	Calm	W 1			49.8
17	56.97	55.98	25.1	30.4	SE 1	WSW 1			.5
18	58.42	56.62	25	30	NE 1	W 1			
19	57.94	57.07	25.1	31.5	Calm	W 1			
20	57.74	56.61	24.9	32	Calm	NW 1			
21	57.45	56.51	24.4	31.8	Calm	Calm			2
22	58.30	57.16	24.9	31.8	E 1	W 1		N	
23	57.80	57.72	25.1	30.3	Calm	SW 1			
24	56.03	55.05	24.7	28.7	Calm	Calm			
25	55.57	55.41	24	28	S 1	S 1			
26	56.65	55.55	24	31.4	Calm	WNW 2			25.4
27	57.72	56.27	23.4	30.2	NE 2	Calm			61.4
28	57.43	56.96	23.8	27.8	S 1	Calm			26.2
29	57.73	56.44	23.2	28	Calm	Calm			22.9
30	56.17	55.76	24	27.7	E 1	W 1		SW	12.7
31	55.57	54.60	24	29.7	Calm	Calm	WSW		27.7
Mean	56.96	56.18	24.7	30	0.6	0.9			
Total									376.8

This station was temporarily closed from June 6 to 13.

[1] 27 days of observation.

SAN FERNANDO, UNION.

[φ=16° 37′ N; λ=120° 19′ E; barometer above sea, 3 meters; gravity correction not applied, —1.65 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	54.92	54.57	25.2	29.7	S 1	SW 1	SW		0.5
2	55.74	55.43	26.3	26.5	E 1	SSE 1	SW		4.5
3	55.44	54.45	26.1	31	S 2	W 1	SSW		
4	54.29	54.17	24.5	26.5	Calm	SE 1			3
5	54.83	53.63	24	25.4	S 2	S 1	W	SW	57.2
6	54.54	53.58	24.4	26	SE 1	SW 1	SW		103.9
7	54.44	54.84	23.8	29	Calm	W 1			4.1
8	56.44	55.52	24.7	31	SSE 1	SSW 1			21.6
9	57.98	57.57	23.7	30.4	Calm	S 1			6.6
10	57.56	56.84	23.6	30.2	Calm	NNW 1			
11	58.37	57.69	25.2	28.2	Calm	Calm			1.8
12	59.60	57.36	24.6	30.7	S 1	W 1			
13	59.67	57.46	24.7	31.6	Calm	NW 1			
14	58.09	56.81	23.9	29.2	SSE 1	SW 1			
15	58.13	56.83	24.2	30.2	Calm	W 1			
16	57.13	56.57	23.9	26.2	Calm	Calm		SE	2.5
17	58.02	57.89	24	30.6	S 1	SW 1			24.4
18	60.49	59.59	23.4	27.4	Calm	Calm			1.8
19	59.73	57.64	23.2	30	Calm	NW 1			4.1
20	57.75	56.46	24.3	30.9	Calm	W 1			
21	57.53	56.24	23.8	30.2	Calm	S 1			
22	57.84	56.72	25.2	30.4	ESE 1	Calm			1.8
23	58.72	58.69	24.3	29.7	E 1	SSW 1			1
24	57.42	52.63	25	27	N 2	N 3		NNW	66
25	55.15	54.77	24.2	30.7	S 2	S 1			16.8
26	57.49	55.16	24.2	30.2	SE 1	W 1			1.5
27	55.62	53.84	25.3	29.3	Calm	Calm		SW	4.6
28	53.19	51.11	24.4	25	Calm	S 1		S	55.1
29	51.56	50.73	25	28.3	SSE 1	S 1			4.4
30	53.11	53.82	25.6	29.4	S 2	SSW 1			.5
31									
Mean	56.69	55.62	24.5	29	0.7	0.9			
Total									387.7

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.15	56.94	25.1	28.2	SE 1	SE 1			2.3
2	58.19	56.94	25	29.7	Calm	SSW 1	SW	SE	22.4
3	57.07	55.74	23.9	28.7	Calm	S 1			2.5
4	57.08	57.17	24.1	28.3	ENE 1	SSW 1			
5	58.74	57.72	24.4	30.4	Calm	S 1			
6	59.12	57.42	25.2	31.4	SSE 1	W 1			.3
7	58.49	57.64	23.9	30.8	SE 1	W 1			
8	58.05	57.08	24.6	31	S 1	NW 1			27.9
9	58.04	57.11	24.2	28.8	NE 1	SW 1			
10	58.49	57.61	23.1	30	Calm	S 1			
11	59.89	58.67	24.6	29.9	ESE 1	SW 1			
12	60.19	58.81	24.4	30.2	Calm	S 1			
13	59.59	58.44	23.7	30.9	Calm	SSW 1			
14	59.50	58.69	24.2	31	Calm	WNW 1			
15	60.09	58.88	24.7	31.4	Calm	W 1			
16	60.04	58.55	23.8	30.4	S 1	SW 1			
17	60.03	58.77	24.4	31.2	Calm	NNW 1			
18	60.64	59.57	23.7	31.3	Calm	NE 1			
19	60.77	59.27	22.6	30.4	E 1	SE 1			
20	60.53	58.89	24	31.5	NE 1	NW 1			
21	60.13	58.66	23.8	31.6	Calm	W 1			
22	60.36	58.49	22.8	30.7	SE 1	Calm			
23	59.93	58.86	24.1	31.6	Calm	NW 1			
24	59.15	57.98	23.6	31.4	Calm	SE 1			
25	59.89	58.88	23.3	31.2	S 1	SW 1			
26	60.88	58.27	23	31.3	ESE 1	WNW 1			23.4
27	59.77	58.51	24.5	30.9	E 1	SE 1	NE	NNE	
28	59.22	57.93	23.5	31.2	NE 1	S 1			
29	59.11	58.21	23.4	31	E 1	W 1			
30	59.41	56.86	24	31.6	Calm	S 1			
31	57	55.30	24	31.4	NE 1	Calm			
Mean	59.24	58	24	30.6	0.5	0.9			
Total									78.8

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	56.14	54.21	24.4	31.2	NNE 1	SW 1		E	
2	56.55	55.71	24.6	30	NE 1	Calm	E		
3	58.67	57.29	24.6	30	Calm	ESE 1			0.5
4	59.48	57.61	24.8	29.6	NE 1	W 1	NW		7.6
5	59.39	57.96	24	30.7	SE 1	N 2			
6	59.69	57.93	23.5	30.6	S 1	SW 2			
7	59.61	58.43	23	30.4	ENE 1	NNW 1			
8	59.58	57.51	23.7	31.5	Calm	NE 1		SE	
9	58.89	56.85	23.8	31.2	NNE 1	S 2			
10	57.74	55.65	24	30.4	NE 2	N 3			
11	57.49	55.36	23.4	30.6	S 1	NW 2			
12	57.78	56.27	24	29.6	E 1	S 1	NNE	E	
13	58.39	56.22	23	28.7	NE 1	Calm			
14	55.96	53.53	23.6	28	E 1	NE 1			
15	55.99	54.82	24.4	31.6	Calm	SSW 1	SE		
16	57.48	56.18	23.4	30.6	SE 1	WNW 1			22.6
17	58.58	57.42	22.6	25	NNE 1	NE 2			
18	59.69	57.73	23.5	28.9	Calm	S 1			
19	58.86	57.14	23.7	30.8	Calm	SW 1			3.8
20	59.45	57.24	23.2	28.9	S 1	S 1			1
21	58.16	56.98	22.6	29.6	E 1	W 1	E		
22	56.30	53.42	22.5	25	NE 1	Calm	SE		
23	56.83	55.58	23.1	30.2	Calm	SSE 1			
24	58.69	57.07	23.4	29.3	SE 1	Calm		E	
25	58.70	56.96	22.8	30.6	Calm	WNW 1			
26	59.18	57.83	22.7	29.9	SE 1	NNW 1			
27	59.71	58.02	21.6	29.4	S 1	SW 1			
28	59.27	58.15	20.6	29.1	NE 1	ENE 1			
29	58.94	57.80	20	29.8	Calm	N 1			
30	59.45	58.42	20.9	28.5	NNE 1	SE 1			
31									
Mean	58.35	56.71	23.2	29.7	0.8	1.1			
Total									35.5

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	60	58.32	20.1	30	E 1	W 1			
2	59.96	58.29	23.5	29.4	SE 1	S 1			
3	59.25	57.77	22	28.6	Calm	Calm			5.1
4	59.53	58.04	23.3	28.9	SE 1	S 1			
5	60.46	59.33	22.3	30	E 1	SW 1			
6	61.29	59.13	20.8	31.3	S 1	W 1			
7	59.79	58	22.2	30.5	SE 1	NW 1	S		
8	59.60	58.04	22.5	30.1	NE 1	SW 2	NNE		
9	59.43	57.74	22.3	30	S 1	S 1			
10	59.62	58.28	20.4	29	E 1	W 1			
11	60.15	58.85	21.2	31	Calm	NW 1			
12	59.55	58.12	21.3	30	S 1	SW 1			
13	59.49	57.61	23.4	29.9	Calm	WNW 2			
14	58.76	57.27	23.2	30.2	Calm	S 1		W	
15	58.96	57.36	23.2	28.4	NE 1	NW 3		E	
16	59.97	58.57	23.7	29	Calm	Calm	E		
17	59.54	57.42	22	29.7	Calm	N 1			
18	60.02	58.54	20.9	28.3	S 1	Calm			
19	60.44	58.92	19.8	29.7	NE 1	SE 1			
20	60.23	58.70	19.9	28.6	E 1	ENE 1			
21	60.65	57.89	19.4	29	NE 1	NNW 2			
22	59.14	57.13	20.7	29.3	Calm	SW 1			
23	58.92	57.23	22.3	30	SE 1	W 2	E		
24	59.57	57.97	21.4	29	Calm	SE 1	S		
25	61.33	59.85	21.4	28.2	Calm	W 2			
26	61.22	58.97	21.5	29.6	S 1	E 1			
27	61.51	60.23	21.8	29.6	S 1	SSW 1			
28	62.59	61.02	23.6	29.6	Calm	W 2		E	
29	61.97	59.67	22.9	28.6	SSE 1	SE 1		SE	
30	61.92	59.48	21	29.7	NE 1	S 1			
31	60.87	59.33	22	28.4	Calm	NW 2			
Mean	60.18	58.49	21.8	29.5	0.6	1.2			
Total									5.1

CANDON.

[ϕ=17° 12′ N; λ=120° 26′ E; barometer above sea, 6 meters; gravity correction not applied, —1.62 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	59.41	57.45	22.6	28.8	Calm	NW 2			
2	59.90	58.49	23.5	29.8	Calm	NE 3			1.3
3	61.61	59.21	21.5	29.5	Calm	SW 3		W	
4	61.97	60.33	22	29.2	Calm	NW 2			
5	61.16	59.65	24.4	28.6	Calm	W 1	S		
6	59.99	59.39	24	29.1	Calm	NW 2			
7	58.79	57.66	22	28.5	Calm	WSW 2		SW	
8	59.05	58.02	19.9	28	Calm	W 1	W		
9	58.53	57.67	20.2	28.4	Calm	W 1		E	
10	58.76	57.55	21.4	29.5	Calm	SW 1			
11	58.03	56.71	19.6	28.7	Calm	W 3			
12	58.29	57.16	21.8	28.8	Calm	W 2			
13	57.75	56.46	21	28.8	Calm	NW 1			
14	58.76	57.25	20.8	29	Calm	NW 4			
15	59	57.72	20.4	27.4	Calm	WSW 1			1
16	59.81	59.25	21	28.5	NE 1	NW 2			
17	60.32	58.87	20.8	28	Calm	SW 1			
18	59.50	58.48	19.5	27.6	Calm	SW 1			
19	60.63	59.01	20	28.5	Calm	WSW 1			
20	61.08	60.24	23	28.5	Calm	SW 3	W	SW	1.3
21	60.97	59.46	23	28	Calm	NW 3	W		
22	60.52	59.35	24	28.8	Calm	NW 1	SW		
23	60.77	59.45	24	29.4	Calm	NW 2	W	W	
24	61.04	58.99?	23.1	29.5	Calm	NNW 4			
25	61.73	60.64	23.2	27.5	Calm	N 5	W		
26	61.04	60.44	18	26.5	Calm	W 2			
27	62.43	61.36	19.5	28	NE 2	SW 3			
28	62.40	60.91	20.5	27.4	NE 1	SW 2	SW		
29	60.83	59.43	20	27.2	Calm	NNW 2			
30	61.29	59.61	21.4	27.8	NE 1	NNW 3			
31	61.15	59.40	20.1	30.1	NNE 1	NE 4			
Mean	60.21	58.89	21.5	28.5	0.2	2.2			
Total									3.6

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	62.13	61	22	29.8	NE 3	NE 4			
2	62.83	61.66	22.2	29.7	NE 3	SSW 2			
3	63.59	61.64	20.6	28.5	Calm	SSW 2			
4	62.69	60.69	21	28	Calm	NW 2			
5	60.60	58.71	21.5	29	Calm	SSW 3			
6	59.27	57.41	22.1	28.8	Calm	SW 3			
7	59.13	57.71	22.5	29	Calm	W 3			
8	59.03	57.90	25	28.8	Calm	NW 3	W	W	
9	57.89	56.65	22	28.5	Calm	SW 3			
10	58.94	57.59	24	29.5	Calm	NW 2		W	
11	58.76	57.52	23.5	28.6	NW 1	NW 1	W		3.8
12	59.39	57.48	23.5	27.8	Calm	SW 1	W		
13	59.20	58.19	24	28.4	NE 1	NW 3	W		
14	59.48	58.35	24.8	28.6	Calm	W 2	W		
15	59.58	57.64	24.1	29.7	Calm	W 3			
16	59.34	57.90	25.6	30	NW 1	NW 1	W		
17	58.54	57.19	23	29.5	Calm	NW 4			
18	58.54	57.09	22.5	29.9	Calm	NW 2			
19	59.24	58.83	23.3	30	Calm	NW 1			
20	60.58	58.44	23	29.5	Calm	W 2			
21	60.23	58.91	22.5	29.4	Calm	SW 1			
22	60.23	58.21	24.7	29.4	Calm	W 1			
23	60.82	58.49	21.8	29.1	Calm	NW 4			
24	59.70	58.71	23.5	29.1	Calm	SW 3			
25	58.50	57.86	23.2	29.1	Calm	W 1			
26	59.43	58.44	24	29.8	Calm	W 1	W		
27	58.93	57.69	22.1	29.5	Calm	SW 1			
28	58.06	57.39	23	29.4	Calm	W 2			
29									
30									
31									
Mean	59.81	58.40	23	29.2	0.3	2.2			
Total									3.8

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	58.94	57.53	24	29.8	Calm	W 2			
2	58.10	57.24	23	29.4	SE 1	W 2			
3	58.58	57.23	22.8	29.8	Calm	NNW 3	W		
4	58.51	57.71	21	29.2	Calm	W 1			
5	59.53	58.26	23.2	30.8	Calm	NNW 3	W		
6	60.20	58.34	22	29.4	Calm	NW 3			
7	59.41	58.41	22.6	29.5	Calm	NNW 2			
8	60.08	58.58	23	29.5	NW 1	WNW 2			
9	60.46	59.64	23.1	29.8	Calm	N 3		W	
10	61.18	60.40	24.2	30	Calm	NW 3	W	NW	
11	61.15	60.09	24	29	Calm	NW 4	W	NW	
12	61.46	59.56	22.5	29.2	Calm	W 3		NW	
13	60.48	59.28	24	29.8	Calm	WNW 2	W	NW	
14	60.87	59.95	24	29.5	Calm	NW 2		NW	
15	60.68	59.53	23.5	29.9	Calm	W 3	NW	NW	
16	58.74	57.55	22.6	28.6	Calm	W 2		NW	
17	57.58	55.50	23	30.5	Calm	W 4			
18	56.18	55.08	24.4	30	Calm	WSW 2		NW	
19	56.69	55.83	23.9	30.2	Calm	NW 3	SW		
20	58.89	57.99	25.4	29.5	Calm	NNW 2	S		10.9
21	59.48	58.53	25	29.5	Calm	WNW 2			
22	58.87	58.06	25.5	30.5	Calm	W 3	E	W	
23	58.48	57.63	23.2	30	NNE 1	N 4			
24	59.78	58.71	24.8	30.5	NNE 1	NW 2		E	1
25	60.86	60.16	24.1	30.1	Calm	W 3			
26	61.53	60.12	24	30.5	Calm	NW 1			
27	60.38	59.26	24.2	30	Calm	W 3			
28	59.36	58.56	22.8	30.1	Calm	NW 3		NW	
29	59.14	58.40	24.1	29.5	Calm	W 3			
30	59.20	58.02	22.5	30.4	Calm	SW 4			
31	58.49	57.02	23.5	30.6	Calm	W 3			
Mean	59.46	58.33	23.5	29.8	0.1	2.6			
Total									11.9

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	58.64	57.95	24	30.5	Calm	W 2		E	
2	59.62	58.86	25	30.5	Calm	W 2		W	
3	59.77	58	25.4	30.5	Calm	W 3			
4	58.36	57.55	25	30.2	Calm	SW 3			
5	58.55	57.23	24.6	31	Calm	SW 2		NW	
6	59.38	57.54	26	31	Calm	W 3		W	
7	59.06	58.79	25	31.7	Calm	NW 2			
8	59.47	57.33	25	32	Calm	NW 2			
9	59.48	57.47	26.5	31.2	Calm	W 3			
10	58.94	57.89	26	31.6	Calm	W 2	W		
11	58.48	57.94	24.3	31.5	Calm	N 3			
12	58.33	57.56	23	30.5	Calm	NW 2			
13	58.89	58.24	23.5	31.4	Calm	NW 3			
14	59.12	58.99	25	31.4	Calm	NW 3	W	NW	
15	59.76	59.64	25.6	31.4	Calm	W 3		NW	
16	59.48	58.33	24.6	31.2	Calm	SW 3			
17	58.98	57.18	25.4	31.7	Calm	WNW 2		E	
18	57.36	55.53	25	31.5	Calm	N 4			
19	57.63	55.54	24.8	31.6	Calm	NW 3			
20	57.23	55.28	26.4	32	Calm	W 1			
21	56.81	55.56	25	30.2	Calm	W 2			
22	56.95	55.53	24.9	32	Calm	W 1			
23	57.24	55.77	26	32.4	Calm	NW 3			
24	56.46	56.34	25.5	30.4	Calm	NW 2		NW	
25	57.43	57.10	26.1	27.8	Calm	SW 2			1
26	57.70	57.90	24.5	31.4	Calm	SW 4	S		
27	59.42	58.24	25	31.5	Calm	W 3		E	1
28	59.54	58.52	24.2	32	Calm	NNW 3			
29	59.68	59.14	26	30.6	Calm	W 3			15.2
30	59.72	58.33	24.2	31	Calm	W 1			
31									
Mean	58.58	57.51	25	31.1	0	2.5			
Total									17.2

CANDON.

[ϕ=17° 12′ N; λ=120° 26′ E; barometer above sea, 6 meters; gravity correction not applied, —1.62 mm.]

Day.	MAY.									JUNE.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	59.78	58.33	24.2	31.6	Calm	NW 3		E		57.82	56.53	25	30	Calm	W 1		E	1.3
2	58.71	56.79	25.5	31.4	NE 1	WSW 3		E		57.74	56.49	26	30.2	Calm	SW 1	S	E	5.8
3	58.41	56.79	27.2	31.7	Calm	NW 4				57.87	56.26	25	30.5	Calm	W 1	W		
4	58.41	56.89	25.5	32	Calm	SW 3				56.88	55.90	25.2	31.2	Calm	NNW 1			
5	58.48	56.69	26.4	32	Calm	NNW 4				56.83	57.44	26.6	31.6	Calm	W 1			
6	56.81	54.43	24.9	32.5	Calm	NNW 3			1.8	58.96	57.88	25.5	31.7	Calm	W 1			
7	54.72	53.98	26	28.1	NNW 1	N 1	N	NW	11.4	58.83	58.08	26.5	32	Calm	W 1		W	8.4
8	55.53	55.43	27.2	30	W 2	NW 3	W	NW		58.86	57.89	25.8	31.5	Calm	W 1			4.3
9	56.28	55.17	24.5	31	Calm	WNW 1		NW		58.21	57.50	25	31	Calm	W 1			
10	56.88	56.02	24.5	31.6	Calm	NW 4				58.52	58.69	27	31	Calm	W 2		W	
11	57.18	57.24	27	31	Calm	W 1				59.76	59.18	25.8	31.8	Calm	W 1			
12	57.91	56.96	25.6	31.2	Calm	W 3				59.69	58.98	26	31.5	Calm	W 1			
13	57.98	57.08	25.5	32	Calm	NW 1			41.9	59.36	57.67	25.5	32	Calm	W 1			
14	57.28	56.08	25.6	31.7	Calm	NW 3				58.51	57.83	27.2	31.5	Calm	W 3			2.5
15	57.91	56.63	25.7	31.7	Calm	NW 2				59.05	57.53	24.9	31.6	Calm	W 1			
16	58.36	57.59	25.8	31.8	Calm	W 2				58.42	57.68	25.2	31.8	Calm	NNW 2			
17	58.44	57.31	26	31.9	Calm	W 1				58.33	57.19	26.4	31.7	Calm	W 2	W		
18	58.51	57.24	26.9	31.6	Calm	W 3				57.77	57.37	25.5	32	Calm	WSW 2			
19	58.02	57.38	25	32	Calm	SW 3			23.6	58.07	57.42	24.6	31.4	Calm	W 2		W	
20	59.96	58.20	25.2	29.2	SE 1	SW 2			16.3	57.87	56.28	25	32.1	Calm	WNW 1			
21	59.48	57.76	25	30.5	Calm	SW 3			8.1	57.33	56.84	26.5	31	Calm	SE 2		W	
22	59.21	58.16?	25.8	30.6	N 1	WNW 2	S		25.4	58.78	57.08	25	32.2	Calm	NW 3			
23	56.88	55.84	24.5	29.4	NE 1	S 1			12.4	57.56	56.38	26.2	31.7	Calm	W 3		W	26.9
24	55.88	55.46	24.4	26	Calm	Calm	SW		84.1	57.88	57.10	25	30.8	Calm	W 1			
25	54.02	50.66	23.5	25.1	NE 1	S 6		S	207.2	56.77	55.45	25.7	30.6	Calm	SW 1			4.1
26	55.09	55.28	25	26	S 3	S 3			20.8	56.79	55.46	24.2	30.5	Calm	SW 2		W	13.5
27	55.46	55.29	24.5	29.5	Calm	SW 3		S	14.2	55.82	55.59	25.2	26.1	Calm	E 1	W		5.6
28	55.48	55.71	25.5	27	Calm	SSW 3	W	S	14.4	55.88	54.84	24.8	30.5	Calm	Calm	W		11.4
29	56.43	57.12	24.4	25.1	Calm	SSE 1	W		15.2	55.73	55.06	25	30.5	Calm	S 3			25.7
30	57.54	57.14	24.5	29.5	Calm	SW 3	W	SW	1.5	55.81	55.86	25.5	29.5	Calm	SSW 4		S	
31	58.24	56.99	24.4	29.1	Calm	WSW 1			10.7									
Mean	57.40	56.38	25.3	30.1	0.4	2.5				57.86	56.98	25.6	31	0	1.6			
Total									509									109.5
	JULY.									AUGUST.								
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	55.83	55.06	26	29	Calm	S 1		S	1.3	57.21	56.30	25.6	30.6	Calm	SW 3	SW		
2	56.13	55.36	24.4	30.4	Calm	SW 3		SW	17.8	55.96	55.43	25	28.8	Calm	SW 3	S	SW	6.1
3	56.93	56.39	25	28.8	Calm	Calm			32	55.93	55.36	24	30.6	Calm	SW 2			4.6
4	56.08	56.09	24.5	29.9	NNE 1	NW 1		NW	14.2	57.11	56.12	25.8	30.1	NNE 1	SW 3	W		34.8
5	58.08	58.43	24.5	30	Calm	SW 2		SW	21.6	57.12	56.54	25	30.5	Calm	SSW 2		S	5.8
6	60.28	59.69	25	30	Calm	SW 1			1.8	56.89	56.39	25	30.4	Calm	SW 1			14.7
7	60.06	59.29	25.5	30	Calm	WNW 1		W	16.3	56.42	56.98	25	29.6	NNE 1	SW 3		SW	1
8	58.94	59.11	24	30	Calm	SW 1		SW		56.58	56.82	24.5	27	Calm	W 3		SW	8.6
9	57.76	57.68	25.4	30.5	Calm	SW 3		E		55.62	55.73	25	29.5	SSE 1	SSW 3		SW	6.4
10	58.08	57.94	25.5	29.5	Calm	SW 1			1	55.63	55.53	25.2	30.6	SE 1	SSW 4		S	32.5
11	57.75	57.38	26.3	29.6	Calm	SW 1				55.83	55.78	25	30	Calm	SW 4		SW	4.6
12	57.87	57.66	25.5	27.9	Calm	SW 1	SW	SW		57.22	56.53	25	29.8	Calm	SSW 4		S	1.3
13	56.53	56.25	24	28.5	Calm	SE 1	W	SW	3	55.96	55.20	25.6	31.2	Calm	SW 3			
14	54.78	54.35	25.8	30	SE 2	SSW 4	SW	SW	6.1	55.36	55.20	25.5	30.5	Calm	WSW 3			5.1
15	55.39	54.83	25	28.2	Calm	WSW 1	W	SW	49	56.67	56.14	25.2	30.9	Calm	SW 1			10.7
16	55.48	55.03	23.2	25.7	Calm	SSW 3	W		158	56.79	56	26	30.1	Calm	SW 2		SW	
17	55.93	56.36	22.7	26.4	SSE 2	S 3		SW	18.6	56.79	56.06	26.1	30.5	Calm	W 1		W	
18	57.70	57.21	24	30.2	Calm	SW 4	SW			57.53	56.76	26.4	30.5	Calm	NW 2	S	E	
19	57.82	56.96	25.2	30.5	Calm	NW 2			1	57.62	56.80	25	31.2	Calm	NNW 2			
20	57.04	57.13	24	29.4	Calm	SSW 3		S	8.6	57.72	56.64	25	31.4	Calm	W 1			
21	59.43	59.23	23.5	30.4	Calm	NW 1	NW			57.27	56.64	26	31	Calm	SW 1			
22	59.49	58	26	30.9	Calm	SW 2		W		57.84	57.29	26	31.6	Calm	SW 2		SW	17
23	57.06	56.59	26.2	30.9	Calm	WSW 1		E		57.58	57.46	24.4	30.5	Calm	NW 1			9.1
24	55.79	56	26	31	Calm	W 1		NE		55.81	54.81	25.5	29	NE 1	Calm			1.3
25	56.11	55.84	25.7	31.5	Calm	WNW 1	W	W		55.29	55.39	26.2	29.5	SSE 1	Calm	SW		3.8
26	56.87	56.64	25.5	31.4	Calm	SW 1		W		56.45	55.41	23.6	30	Calm	SW 1			62.2
27	57.58	56.97	26	31.1	Calm	WSW 1	SW	SW		57.37	56.16	25	28.1	Calm	SSW 1			110.2
28	57.94	56.49	25.5	31	Calm	WSW 1				56.52	56.61	24.6	26.1	SSE 1	S 2	W	S	47.2
29	56.12	55.85	24.4	31.2	Calm	SW 2		W		56.54	56.01	24	27	SSE 1	SW 2	SW	SW	14.4
30	56.18	55.68	24.5	32	Calm	SW 3		E		55.16	55.16	24.5	28.1	SE 1	SSW 3		SW	22.9
31	57.87	56.34	27	31.5	SSE 1	SSW 4	S			54.54	54.10	25.1	30	S 2	SSW 3	S	S	26.2
Mean	57.25	56.83	25	29.9	0.2	1.8				56.53	56.04	25.2	29.8	0.4	2.1			
Total									350.3									450.5

CANDON.

[ϕ=17° 12′ N; λ=120° 26′ E; barometer above sea, 6 meters; gravity correction not applied, —1.62 mm.]

Day.	SEPTEMBER.									OCTOBER.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	54.40	54.10	24.6	30.7	Calm	SSW 4		S	6.6	56.86	56.65	25.7	31	Calm	SSW 3		S	2.5
2	55.12	54.97	26.5	27.8	SSW 3	SW 5	S	SW	10.4	58.03	56.56	25.9	30.5	Calm	SW 1	S		69.1
3	55.22	53.93	26.5	30.6	S 2	SW 3	S	S		56.96	55.33	25.4	26	Calm	NNW 1			
4	53.69	53.33	26.5	29.9	Calm	SW 4	SW	SW	7.6	56.78	57.03	25	27.4	NNE 1	Calm		NW	1.8
5	53.88	53.22	25.7	26	S 1	SSW 2	S		135.7	58.24	57.59	24.2	29.9	Calm	SE 1		SW	
6	53.91	53.84	24.5	24.9	SSW 3	W 2			103.4	58.94	57.23	26	30	Calm	W 1	SW	W	
7	53.77	54.91	23.8	26.7	Calm	SW 3	S		32.5	58.54	57.39	24.1	30.1	Calm	NNW 1	W	NW	5.8
8	56.04	55.89	24.5	29.8	NNE 1	W 1	S		26.2	57.59	57.04	25.6	29.5	Calm	NW 1	NW	W	47
9	57.79	57.59	24.4	29.9	NNE 1	W 2		W	11.2	57.68	56.79	24.4	28.5	Calm	NNW 1			
10	57.49	56.86	24.8	29	NNE 1	SW 2		SW		58.14	57.46	24.1	28.7	Calm	Calm			46.5
11	58.22	57.51	25	29	Calm	W 1	S			59.62	58.56	25	28.9	Calm	NW 1		W	
12	58.98	57.44	24.5	29.5	Calm	W 1				59.64	58.49	24	29.5	Calm	NW 2			
13	59.58	57.33	26.2	29.5	N 0	N 1	N			59.18	58.38	24.8	30	Calm	SW 1		E	
14	57.88	56.81	25.4	28.7	Calm	Calm				59.05	58.69	23.5	29.5	NNE 1	SSW 1		E	
15	57.73	56.44	25	30.1	Calm	NNW 2		NW	7.1	59.79	58.93	25.5	30.1	Calm	SSW 1	W	SW	
16	56.88	56.18	24.9	29.5	Calm	SW 2			23.6	59.93	58.33	24.8	30.2	Calm	SSW 1	SW	W	
17	57.22	57.74	25.4	29.5	Calm	W 1	SW	SW	48.8	59.88	58.63	24.5	30.5	Calm	NW 1			
18	60.46	59.40	24.6	29.2	Calm	WNW 1		SW	7.4	60.33	59.73	25	30.1	Calm	W 1		W	
19	59.43	57.85	24.5	28.4	Calm	W 2		W	8.2	60.44	59.28	24	30	Calm	W 1		W	
20	57.39	56.40	24	29.5	Calm	W 2		W		60.38	58.81	24.7	30.4	Calm	W 1		W	
21	57.37	55.88	24.9	30.5	Calm	W 1		E		59.74	58.50	23.7	30.5	Calm	SW 1			
22	57.38	57.14	26.5	28.6	Calm	Calm	E		11.4	59.84	58.26	24.4	30	Calm	NNW 1		NW	
23	58.28	58.33	24.8	30.2	NE 0	NW 2		NW	13	59.53	58.76	24.9	30.6	Calm	NW 1			
24	57.90	51.57	24	26.8	NNE 1	N 3		N	28.9	58.94	57.98	24	30.1	Calm	SW 1		W	
25	55.16	55.33	24.5	30	SE 1	SW 2			2	59.74	58.88	23.5	30.5	Calm	WNW 1		W	
26	57.36	54.99	25.7	29.6	Calm	NNW 2	NW			60.67	58.30	24.2	30.5	Calm	SW 1		W	
27	55.21	53.89	25.4	27.4	NNW 1	SW 1	NW	SW	13.5	59.54	58.26	24.5	30.6	Calm	WNW 1			
28	52.86	50.61	24.4	29.5	Calm	SW 3	SE	SW	31.7	58.74	57.98	24	30.5	Calm	NW 1			
29	50.91	49.78	25.5	28.7	S 1	SSW 5		S	8.1	58.90	58.21	23	30.4	Calm	W 1			
30	52.93	53.03	25.5	31	Calm	SSW 4	SW			59.43	56.79		30.5	Calm	SW 1			
31										56.60	55.22	23.7	31	Calm	SW 1		S	
Mean	56.35	55.41	25.1	29	0.5	2.1				58.96	57.87	24.5	29.9	0.1	1			
Total									537.3									172.7

Day.	NOVEMBER.									DECEMBER.								
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	55.69	53.65	24.1	32.7	Calm	SSW 1	NE	NE		59.85	58.02	21.2	29.4	Calm	NW 2			
2	56.12	55.39	25	31.4	NE 0	SW 1	E	E	1	59.50	57.99	23.5	30.5	Calm	SW 1	NE		
3	57.96	57.29	25.5	29.5	Calm	SW 1			1.3	58.80	57.32	22.5	29.3	Calm	SW 1	E	NE	3.8
4	59.06	57.53	25.6	29.6	Calm	SSW 3				59.99	57.38	23	30.9	N 1	NNE 1			
5	59.11	57.76	25.5	30	Calm	NNW 3		NW		59.94	58.98	23.5	30.9	Calm	SW 1			
6	58.36	57.83	22.9	30	Calm	WNW 1		NW		61.17	58.81	22.2	29.5	Calm	WSW 1			
7	59.25	58.33	23.4	30.2	Calm	W 1		W		59.10	57.89	21.4	29.5	Calm	WSW 3		SW	
8	59.04	57.26	24	30.6	Calm	W 1				59.29	57.94	22.4	29.2	Calm	NW 1			
9	58.44	56.46	24	30.5	Calm	NW 2		E		59.11	57.49	22.6	29	Calm	SW 1			
10	57.54	55.31	24.5	30	Calm	NNW 2				59.16	58.24	20.8	29.1	Calm	W 1			
11	57.14	54.85	23.6	30	Calm	NW 3				59.76	58.81	22	29.4	N 1	NW 3			
12	57.54	55.46	24	31	NNE 1	NNE 3				59.29	57.92	22.4	29.5	Calm	SSW 1			
13	58	55.54	23.5	29.8	NNE 1	NNE 3				59.34	57.34	24	29.9	Calm	SW 1			
14	55.80	53.24	24	27.5	Calm	NNE 2		S	2.5	58.64	56.46?	24	31.4	Calm	SSE 1		E	
15	55.48	54.96	25	30.8	Calm	W 1		W		58.38?	56.66?	24.5	30	Calm	N 4			
16	56.99	56.06	24.4	30.8	Calm	SW 1		SW	3.6	59.35	57.85	23.6	31	N 1	NNE 4			
17	58.95	58.18	23.1	22.9	NNE 1	NNE 3			21.6	59.09	57.16	24	31	NNE 1	SSW 3			
18	59.23	57.25	23	28.6	Calm	NNE 4				59.51	58.55	22.2	28.5	Calm	W 1			
19	58.45	56.78	23.7	30.5	Calm	SW 1				60.25	58.75	21.5	29.4	Calm	SW 2			
20	58.92	57.06	24.5	30.5	Calm	SSW 2	E	S		59.87	58.56	20.5	28.9	Calm	W 1			
21	58.06	56.96	23	30.5	Calm	SW 1				60.20	57.72	21.4	28.6	NNE 1	NW 3		E	
22	56.66	53.56	24	26.5	NNE 3	Calm	N			59.05	56.74	21.9	30.5	NNE 1	SW 2	E		
23	56.32	55.75	25	28.4	Calm	Calm	NW	NW		58.75	56.69	21.6	29.5	Calm	N 3			
24	58.28	56.86	24.6	30	Calm	NW 1	NW	NW	1.8	58.89	58.09	22	29.5	Calm	W 1			
25	58.39	56.79	24.4	30	Calm	W 1				61.04	59.61	22.8	29	Calm	NW 3			
26	58.88	57.64	24.5	29.5	NNE 1	WSW 1				60.49	58.45	21.5	29.5	N 1	SW 1			
27	58.67	57.74	22.4	29.4	Calm	W 1		W		60.76	59.98	21.7	29.1	Calm	W 1			
28	59.09	58.11	21.2	29.5	Calm	WNW 1				62.14	60.56	23	29.5	Calm	SW 2			
29	58.31	57.56	20.4	28.5	Calm	SW 1				61.26	59.75	23.1	29	Calm	SW 3	NE		
30	59.20	58.37	20.2	28.7	Calm	SW 1				61.03	59.56	23.4	28.6	N 1	SW 2	NE	NW	
31										59.85	58.95	21.6	28.6	Calm	WSW 3			
Mean	57.96	56.52	23.8	29.6	0.2	1.6				59.77	58.20	22.4	29.6	0.3	1.9			
Total									31.8									3.8

LAOAG.

[ϕ=18° 12′ N ; λ=120° 35′ E ; barometer above sea, 13 meters ; gravity correction not applied, —1.58 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	59.51	56.99	21.4	30.9	EbyS 1	NW 3			
2	60.02	59.98	22.5	26.8	NE 2	NE 5			
3	61.07	58.73	21	32.5	NNE 1	E 5			
4	61.94	60.21	20.1	30.4	E 1	NNW 3			
5	61.03	59.39	22.5	30.5	E 2	SSW 2			
6	60.22	59.37	22.8	31	NNE 1	NNW 3			
7	58.76	57.14	19.9	31.5	ESE 2	NW 3			
8	58.30	58.13	20.3	29.3	E 2	WbyS 3			
9	58.72	57.03	18.9	31	ESE 2	NNW 3			
10	58.36	57.53	19.4	29.7	ESE 2	NNW 3			
11	57.98	56.81	19.4	29.5	EbyS 2	NNW 3			
12	58.11	57.01	20.9	29.4	E 2	NNW 3		N	
13	57.34	56.37	20.7	29.5	ESE 2	SSW 3			
14	58.60	57.90	19.9	28.5	E 2	N 5		N	
15	58.88	57.45	18.3	30.5	SE 2	ESE 4			
16	59.32	58.90	23.3	28.5	ESE 2	NNW 3			
17	60.02	58.70	16.3	28.9	E 2	NNW 3			
18	59.76	58.47	17.7	29.7	NE 2	NE 4			
19	60.01	58.62	17.9	30.7	N 1	E 4			
20	60.10	59.47	20.9	28.1	E 1	NW 3			
21	60.50	59.49	22.5	28.9	E 2	NNW 3			
22	60.42	59.47	23.9	30.5	ENE 1	NE 4			
23	60.43	58.92	22.4	32.1	ENE 1	NE 4			
24	60.87	59.69	20.5	30.9	ENE 1	NNE 4			
25	62.57	62.34	21.9	24.9	NNE 3	NE 6		N	
26	61.71	60.40	18.7	28.4	NNE 3	NE 5			
27	62.12	61.36	14.9	30.7	ENE 1	ESE 3			
28	62.31	60.51	16.3	28.5	E 2	N 3			
29	60.88	58.88	15.9	29.7	NE 1	N 3			
30	61.79	59.83	16.7	29.5	E 2	NE 5		N	
31	62.21	60.10	21.9	29.3	NNE 4	NE 5			
Mean	60.12	58.88	20	29.7	1.8	3.6			
Total									

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	63.08	62.43	16.7	28.3	ENE 1	E 3			
2	64.06	62.74	18.3	29.4	E 1	E 5			
3	63.86	60.98	17.9	30.7	W 1	E 5			
4	62.40	60.06	17.3	30.5	SSE 1	E 3			
5	61.20	58.82	22.9	31.3	NE 3	NE 5			
6	59.31	56.82?	22.5	33.4	NNE 1	NE 4			
7	59.04	57.32	21.4	31.7	ESE 1	NNW 3			
8	58.89	58.14	23	28.7	ESE 2	NNW 4		N	
9	57.80	55.72?	19.9	35.2	ESE 2	SE 2			
10	58.71	57.05	22.3	31.9	ESE 2	NNW 3	W		
11	58.49	56.95	19.9	33.3	NNE 2	NE 4			
12	58.60	57.44	20.7	27.9	NNE 1	W 2			
13	59.06	57.98	22.6	27.9	ESE 2	NNW 3			
14	59.23	58.23	23	29.5	ESE 1	NNW 3			
15	59.24	57.57	23.1	29.9	E 2	NNW 3		W	
16	59.31	57.77	23.4	30.5	ESE 1	NNW 3			
17	58.59	57.51	21.5	29.3	ESE 2	NNW 4			
18	58.62	56.83	20.4	31.9	ESE 1	NNW 3			
19	59.02	58.66	19.4	30.5	E 1	NW 3			
20	59.91?	59.28	19.6	30.9	ESE 1	N 4			
21	60.19	58.88	20.3	30.3	ESE 1	NNW 3			
22	59.99	58.06	21.4	30.5	ESE 1	NW 3			
23	60.72	59.01	22.5	28.9	ESE 1	NNW 4			
24	59.75	58.41	20.9	30.3	NE 1	W 3			
25	58.41	57.70	21.8	30.3	ESE 2	W 3		NNW	
26	59.78	58.45	21	30	EbyS 1	NNW 3			
27	58.56	57.12	21.1	32.3	ESE 1	SW 2			
28	58.29	57.13	21.7	30.7	ESE 1	NNW 4			
29									
30									
31									
Mean	59.79	58.32	20.9	30.6	1.4	3.4			
Total									

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	58.98	57.07	23.6	31.5	NE 1	NW 4			
2	57.85	56.35	22.3	31.3	ESE 1	SW 3			
3	58.78	57.91	21.9	30.9	SE 2	SW 4	W		
4	58.56	57.16	19.1	31.4	ESE 2	NNW 4			
5	59.22	58.26	20.9	30.9	ESE 1	SW 4			
6	60.05	58.61	22	30.5	NNE 2	NNE 5			
7	59.86	57.89	20.9	31.5	NE 2	NNE 4			
8	60.35	58.25	19.5	34.5	NNE 1	NNE 4			
9	60.26	58.90	21	32	ESE 1	NNE 4			
10	61.13	60.22	22.9	31.3	E 1	SW 4			
11	61.35	59.75	20.1	31.4	ESE 1	NNW 3			
12	61.63	59.05	22.5	31.9	ESE 1	NW 3			
13	60.49	59.25	20.6	30	ESE 1	NNW 3			
14	61.01	59.73	22.4	30.4	ESE 1	NNE 3			
15	60.49	59.30	20.9	30.5	ESE 1	W 3			
16	58.76	56.64	20	32.9	ESE 1	SW 2			
17	58.05	55.91	23.7	33.3	NNE 1	ENE 6			
18	56.44	55.30	24.4	31.1	NNE 4	NNE 5			
19	56.84	56.01	23.4	29.9	ESE 2	N 4			
20	58.40	58.28	24.9	27.4	ESE 1	NNE 2			3.3
21	59.40	58.29	24.2	32.5	EbyS 1	WbyS 3			
22	58.84	57.85	23.1	29.9	EbyS 1	NNE 3		N	
23	58.97	57.92	23.5	30.9	ESE 2	NNE 4		S	
24	59.90	58.30	23.6	32.7	ESE 1	NNE 2	S		4.8
25	60.83	59.79	23	31.5	EbyS 1	NNW 3			
26	61.48	60.32	22.9	31	SE 1	NNW 3		N	
27	60.22	59.14	23.1	31.1	ESE 1	NNE 3		N	
28	59.78	58.59	21.4	30.6	ESE 1	NNW 3		N	
29	59.30	58.84	21.5	30.9	ESE 1	NNW 3			
30	58.98	57.81	21.4	31.9	FSE 1	WNW 3			
31	58.29	56.91	23.2	31.5	SEbyE 1	NE 3		N	
Mean	59.50	58.18	22.2	31.3	1.3	3.5			
Total									8.1

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	58.70	57.84	22.9	32.4	ESE 2	NNW 3			
2	59.64	58.27	23	30.9	ESE 1	NNE 3		N	
3	59.50	57.98	23.6	31.8	ESE 2	WNW 3			
4	58.46	57.53	23.9	31.5	EbyS 1	NNW 3		N	
5	58.50	57.04	23.4	32.9	ESE 2	WNW 3			
6	59.41	56.74?	23.9	34.4	ESE 1	NNW 2		N	
7	59.07	57.94	23.3	32.1	ESE 1	W 3			
8	59.27	57.55	23.4	32.4	ESE 1	WSW 3			
9	58	57.14	24.4	33	ESE 1	WSW 3			
10	58.76	57.76	23.3	33.1	SE 2	WSW 3			
11	58.85	57.76	21.9	33.3	EbyS 2	WSW 4			
12	58.30	57.18	21.8	34.3	E 1	WSW 3		N	
13	58.65	58.41	24.3	29.4	NNE 1	ESE 4			5.1
14	59.25	58.68	21.9	32.4	ESE 1	W 3			
15	59.95	59.45	23.5	31.7	NbyW 1	WSW 3	N		
16	59.12	58.34	23.8	31.9	ESE 1	WSW 3			
17	58.84	57.20	23.4	33.4	E 1	WSW 3			
18	57.42	56.06	23.7	31.5	ESE 2	WSW 3			
19	57.57	54.95?	24.5	34.1	EbyS 1	N 4			
20	57.27	55.55	23.5	32.7	EbyN 1	WSW 3			
21	56.88	55.58	23.9	30.8	ESE 1	WSW 3			
22	56.94	55.68	24.6	33	EbyS 1	NNW 3			
23	57.49	55.78	23.9	31.9	ESE 1	ESE 4			
24	56.39	56.14	24	33.3	EbyS 1	WSW 3			
25	57.52	56.52	26.4	28.4	ESE 1	WSW 4		SE	2.5
26	57.64	58.10	23.8	30.3	SE 2	SW 3			2
27	59.06	58.50	24	32.7	SE 2	WSW 4		W	
28	59.30	58.61	24.5	31.4	SE 2	NNE 3			
29	59.30	59.04	24.4	29.1	E 1	SSE 2		SW	
30	59.43	58.74	23.4	33.9	ESE 1	SW 3			.8
31									
Mean	58.48	57.40	23.7	32.1	1.3	3.1			
Total									10.4

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 13 meters; gravity correction not applied, —1.58 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	59.33	58.43	23.9	33.4	ESE 1	SW 3		N	
2	58.32	57.04	23.8	32	SE 1	SW 3			
3	58.30	56.57	24.1	33	ESE 1	NNE 4			
4	58.37	56.70	22.8	33	ESE 2	SW 3			
5	58.22	56.33	24.3	35.4	E 1	SW 3		E	
6	57.01	54.36	26	33.5	NNE 2	NE 6		ENE	16.5
7	54.40	53.58	23.5	24.4	ESE 3	NbyW 6	ENE	N	69.9
8	53.55	54.77	24.9	28.9	NNW 2	SW 6	N	N	2
9	55.95	55.26	24.3	30.5	ESE 2	WSW 3	SSW	SW	
10	57.03	55.88	23.4	30.9	ESE 2	SW 3			
11	57.70	56.81	24.3	31.5	ESE 1	SW 3			
12	57.54	56.79	24.5	32	EbyS 1	SW 2	W		
13	57.93	56.18	24.9	31.5	ESE 1	NW 3			
14	56.98	56.16	25.4	32.7	ESE 1	SW 3			
15	58.03	56.75	25.3	32.2	ESE 1	SW 2		W	
16	58.18	56.78	23.4	32.6	ESE 2	NW 3			
17	58.08	56.89	21.4	31.7	ESE 1	NNE 2			
18	57.94	56.96	24	32.5	ESE 1	S 3			
19	58.08		23.8		SE 2	SW 2			
20	59.47	57.91	25.1	33.1	S 2	SW 4			
21	59.37	57.74	25.4	32.9	EbyS 1	SW 3		E	10.9
22	59.55	56.74	24.9	31.3	NE 1	NNE 3		E	18.3
23	57.23	55.97	24.3	30	ENE 1	NNE 2		N	86.6
24	56.05	55.23	22.8	28.1	EbyN 1	SSW 1	N		23.8
25	54.20	52.23	23.3	23.4	ESE 1	ENE 3			75.7
26	54.11	54.62	25.5	29.6	WNW 2	WNW 3			22.6
27	55.04	55.07	24.3	28.9	SSE 1	SW 3			
28	55.22	55.40	24.8	26.8	S 1	SE 2		SW	35.8
29	56.54	56.57	23.9	28.1	EbyS 1	SSW 2			1.5
30	56.96	57.10	24.5	30.7	SE 1	SW 3			1.3
31	58.38	56.96	23.9	30.7	ESE 1	SW 3			.5
Mean	57.20	56.13	24.2	30.8	1.4	3.1			
Total									365.4

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.86	56.55	24.4	31.5	SE 1	WSW 3			2.5
2	57.54	56.45	23.4	32.1	ESE 1	WSW 3			5.3
3	57.59	56.47	23.5	31.5	ESE 2	WbyN 3			
4	56.80	55.70	24.6	31.7	SE 1	NNW 3			
5	56.45	57.63	24.3	32	EbyS 1	WSW 3		W	
6	58.86	57.83	25.3	31.6	SE 1	NNE 4			
7	58.74	57.85	25.5	31.8	SE 1	WSW 3			
8	58.53	57.75	24.4	32.3	ESE 1	NE 3			
9	57.80	57.63	24.8	31.9	SE 1	NW 3			
10	58.48	58.23	25	33.3	SE 1	NE 3			
11	59.64	58.91	23.3	31.7	EbyS 1	WSW 4		E	2.8
12	59.76	58.96	23.3	32.3	ESE 1	NW 3			1.8
13	59.24	57.65	23.4	32.3	SE 1	WSW 3			
14	58.32	57.54	25.7	33.5	SE 1	WSW 3		W	
15	58.97	57.64	24.9	32.4	ESE 1	SW 3		W	1.3
16	58.10	57.79	24.4	31.3	SE 1	WSW 3		E	13
17	58.07	57.14	24.5	32.9	ESE 1	WSW 3		SE	7.4
18	57.65	57.31	24.3	30.9	SE 1	WNW 3		NNW	5.1
19	57.78	57.33	23.9	31	E 1	WSW 3		W	32
20	57.83	56.35	24.4	32	EbyS 1	WNW 3			
21	57.36	56.53	24.4	31.7	E 1	SW 3		W	14.2
22	58.54	57.51	23.7	31.7	ESE 1	W 2		W	
23	57.37	56.89	25.5	29	EbyS 1	WSW 2			7.6
24	56.60	56.10	24.3	31.8	EbyS 1	SW 3			2.3
25	56.37	55.20	23.9	31.3	SE 1	N 3		W	
26	56.55	55.97	24.1	29.5	SE 1	NbyE 3		W	6.1
27	55.92	55.04	24.9	24.9	SE 1	S 2	W	SW	9.3
28	55.98	54.96	23.6	30	SE 1	NNE 2			
29	55.68	55.27	24.6	30.3	E 1	SW 3		W	128.3
30	55.81	55.07	23.3	30.5	E 1	S 4		SW	3.8
31									
Mean	57.67	56.91	24.3	31.4	1	3			
Total									242.8

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	55.85	54.97	24.4	30.3	EbyS 1	S 5			27.9
2	56.11	55.31	23.3	30.8	SSE 1	SSW 2			15.5
3	56.49	55.93	23.8	30.3	E 1	WSW 3		W	66.5
4	56.42	56.39	24.5	30.4	SE 1	SW 2		NW	37.6
5	58.33	58.01	23.9	32.5	EbyS 1	S 3		W	42.2
6	60.10	59.27	24.4	31.8	EbyS 1	S 3	W	W	
7	59.77	59.15	24.9	31.3	SE 1	S 3			
8	58.49	58.69	23.3	31.3	ESE 1	S 3		W	
9	57.67	57.27	23.9	31.5	SE 2	S 5		SW	
10	57.87	57.43	24	29.9	SE 2	S 4			
11	57.88	57	24.2	31.5	SE 2	S 3			
12	57.57	56.96	24.4	27.9	SSE 1	S 3			1.5
13	56.23	55.46	23.9	28.4	SE 2	S 2			4.6
14	54.56	53.81	25.3	30.8	SE 2	S 2	SW	W	10.9
15	54.57	54.17	23.9	27.9	SE 1	S 3			70.6
16	55.19	54.07	23.3	25.5	SE 1	SSW 4			85.6
17	54.93	55.98	23.5	24.9	SSW 2	S 4		S	21.1
18	57.07	56.98	23.9	30.6	ESE 1	SSW 3			
19	57.71	57.27	23.2	30.9	EbyS 2	NW 3			
20	56.66	56.46	22.5	30.5	ESE 1	SW 2			
21	58.88	58.15	25	30.5	ESE 1	N 2		W	
22	58.88	57.98	25.8	31.5	ESE 1	NW 2		W	
23	57.12	56.45	25.9	31.7	S 1	WSW 3			
24	56.09	55.93	23.9	31.4	E 1	W 3			1
25	56.13	55.85	23.4	31.3	SE 2	WSW 3			
26	57.01	56.44	23.4	31.8	ESE 1	SW 3		W	
27	57.38	56.68	23.9	31.6	E 1	NNW 3			5.1
28	56.82	56.11	23.5	32.4	EbyS 2	SW 3		W	
29	55.73	55.45	23.9	32	ESE 2	SW 4		W	
30	55.79	55.30	23.3	31.9	SE 2	S 3			5.1
31	57.14	56.36	25.3	30.3	S 2	S 5			
Mean	56.98	56.49	24.1	30.5	1.4	3.1			
Total									395.2

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	57.18	56.09	23.9	31.2	SE 1	S 3			
2	55.54	54.61	23.7	30.9	SE 1	S 4		SW	16.8
3	55.91	54.95	22.9	31.9	ESE 1	SW 3			17.8
4	56.67	56.09	24.4	31.9	ESE 1	SW 3			4.1
5	57.22	56.72	24.8	30.4	ESE 1	SW 3		W	
6		56.41		32.6		WSW 3		W	
7	56.04	56.32	25.5	28.4	ESE 1	SSW 4		W	1.3
8	55.87	55.61	23.8	30.6	SE 1	S 5		SW	
9	55.49	55.46	24.4	29.5	SE 1	S 5		SW	4.1
10	55.04	55.02	24.5	31.4	SE 1	SW 5		W	17.8
11	55.39	54.89	24.4	31	ESE 1	S 5		SW	2.3
12	56.79	55.84	24.4	31.5	S 1	S 4			
13	55.74	54.30	24.5	31.5	ESE 1	S 5			
14	54.75	54.91	24.8	32.2	SE 1	SSW 4			
15	56.69	55.51	24.3	31.5	S 1	SSW 3			
16	56.74	55.77	24.5	30	ESE 1	SSW 3		W	.3
17	56.53	55.99	24.1	30.8	EbyS 1	SW 3		NW	82
18	57.01	57.02	25.3	29	SSE 1	NW 3			
19	57.45	56.79	24.3	31.4	E 1	NNW 3		W	
20	57.35	56.81	24.2	30	EbyS 1	N 2			
21	57.11	56.49	25.8	31.1	ESE 1	WSW 3		W	2.5
22	57.54	57.27	24.5	31.9	SE 1	SSW 3			.3
23	57.60	57.19	24	31.1	ESE 1	NNW 3		W	4.3
24	56.35	55.25	23.9	30.5	NNE 2	E 4			.8
25	54.76	54.65	23.3	31	S 1	NNW 3			42.7
26	55.95	55.13	23.9	30	SSE 1	SW 3			59.9
27	55.13	55.15	24.5	24.9	SSW 3	SSW 3			295.1
28	55.49	56.31	23.9	24	SSW 2	SSW 3			161.5
29	55.40	54.87	23.8	24.5	SbyW 2	S 2			100.6
30	54.60	54.45	23.3	29.3	ESE 1	S 3			13.8
31	53.91	53.33	24.4	29.9	ESE 1	SSW 3			6.1
Mean	56.11	55.65	24.3	30.2	1.2	3.4			
Total									834.1

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 13 meters; gravity correction not applied, —1.58 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	53.77	53.57	24.9	30.5	S 1	S 4		W	
2	54.33	53.74	26.3	29.9	SbyW 2	SSW 4	W		3.5
3	53.90	53.32	25.5	29.8	S 1	S 5		SSW	
4	53.30	53.02	25.3	29.9	SbyE 1	SSW 3			91.4
5	53.27	52.77	23.9	24.3	EbyS 2	ESE 2			312.4
6	53.30	52.62	23.9	23.9	SSW 2	S 3			122.7
7	53.07	54.43	23.5	26.7	SbyW 1	SW 3			17.5
8	56.18	56.11	23.7	31.3	ESE 1	W 2			1.5
9	57.69	57.80	23.4	30.9	ESE 1	SW 3			30.5
10	57.65	56.37	23.4	30.4	E 1	SSW 3			2
11	58.13	57.23	25	29.5	W 1	NNW 2			1.3
12	58.84	57.62	23.4	30.5	ESE 1	NbyW 3			
13	59.92	57.45	24.9	29.4	ESE 1	NNW 3			
14	58.06	56.71	23.9	30.2	SE 1	NE 3			
15	57.49	56.74	23.8	30.9	S 1	NW 3		NNW	.5
16	56.80	56.10	24.2	30.3	ESE 1	NNW 3		W	1.3
17	57.22	57.27	24.5	30.9	S 1	WSW 3		W	5.6
18	60.18	59.26	24.7	30.7	S 1	WSW 3			17.8
19	59.28	57.95	23.6	29.9	ENE 1	SW 3		WNW	18.3
20	57.26	56	23.2	30.5	SE 2	WSW 3		W	
21	57.62	55.43	24.4	33.8	SE 1	EbyS 3			
22	57.20	56.90	24.9	29.9	Calm	SW 2			.5
23	58.60	58.25	24.2	29.3	SE 1	NW 3		W	29.2
24	58.03	51.92	23.9	27.7	E 1	NNE 6		ENE	28.1
25	54.89	55.37	23.5	29.9	WNW 1	WSW 3			
26	57.45	55.03	24.3	30.5	ESE 1	NNW 3		N	1
27	54.96	53.74	23.9	26.5	E 1	E 3			35
28	52.67	50.84	23.3	24.4	ESE 1	SW 2			79.5
29	49.87	49.73	24.3	29.3	ESE 2	S 3			.5
30	52.97	53.18	24.1	30.9	ESE 1	SSW 3			1.3
31									
Mean	56.13	55.22	24.2	29.4	1.1	3.1			
Total									801.4

OCTOBER.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	56.48	56.40	24.9	31.4	ESE 1	SSW 3			
2	57.89	56.78	25.4	29.7	SE 1	WSW 3	SW		2.8
3	56.95	55.30	24.3	23.4	E 1	SSE 2			26.6
4	57.27	56.66	22.8	23.4	SSE 1	ESE 2			15.7
5	57.97	56.95	23	31.5	ESE 1	S 3			
6	58.70	57.31	24.3	31.3	ESE 1	SW 3		W	.5
7	58.13	57.35	24.1	30.5	E 1	WSW 3		W	6.6
8	57.51	56.57	24.5	26.6	ESE 1	S 1		WNW	34.3
9	57.89	56.92	23.1	28.3	SE 1	W 2			
10	58.30	57.03	21.9	32.7	ENE 1	SSE 2			
11	59.60	58.45	21.8	30.6	E 1	NNW 2			
12	59.85	58.42	23.6	30.3	NE 1	NNE 4			
13	59.15	58.22	23.4	31	NNE 2	NNE 4			
14	59.40	57.93?	20.4	31.8	NNE 1	NW 3			
15	59.63	58.56	23.9	31.3	EbyN 1	NNE 3			
16	59.93	58.36	23.8	30.6	ENE 1	NNW 3			
17	60.09	58.42	22.7	31.9	EbyN 1	NNW 3			
18	60.47	59.35	21.8	31	E 1	NW 3			
19	60.35	58.97	21.4	30.9	ESE 1	NNW 3			
20	60.29	58.77	21.8	30.5	SE 1	NNW 3			
21	59.59	58.11	21	32.5	ESE 1	NW 3			
22	59.80	58.01	21.5	32	SE 1	NNW 3			
23	59.33	58.82	23.5	30.4	ESE 1	NNW 3			
24	59.11	57.19	22.2	32.9	EbyS 1	NNW 3			
25	59.63	58.47	22.3	32.3	E 1	NNW 3			
26	60.61	58.01	22.7	32	E 1	NNE 4			
27	59.67	57.80	21.5	32.5	ENE 1	E 2			
28	59.13	57.70	20.8	32	NNE 1	NNE 3			
29	58.75	57.55	19.9	33.5	ESE 1	NE 3			
30	59.31	56.45	20.5	33.9	E 1	NE 4			
31	56.92	55.62	25.6	29.9	NNE 2	NNE 6			
Mean	58.96	57.63	22.7	30.7	1.1	3			
Total									86.5

NOVEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					
1	56.70	54.87	25.4	31.4	NNE 2	NNE 6			
2	56.80	55.66	25.3	31.3	NNW 1	NNE 4			3.8
3	58.29	57.11	24.9	31.3	NNE 2	NNE 2			
4	58.88	57.08	23.5	31.9	ESE 1	NNW 3			
5	59.38	57.68	21.9	31.9	SE 1	NNW 3			
6	59.09	56.99	21.7	32.9	ENE 1	NNW 3			
7	59.46	57.59	22.4	32.4	SE 1	NNW 3			
8	58.81	57.26	22.5	30.9	SE 1	WSW 3			
9	58.33	56.78	22.8	30.7	ESE 1	NNW 3			13
10	57.73	55.61	22.6	29.2	E 2	N 4			
11	57.58	55.86	23.6	28.7	NNE 4	NNE 6			
12	58.02	56.89	22.9	29.4	NNE 2	NNE 6			
13	58.92	56.71	20.5	29.4	NNE 1	NNE 5			
14	56.51	54.36	23.6	25.3	NNE 2	NNE 2			8.4
15	55.06	55.02	23.5	30.4	NNE 1	SW 3		W	
16	57.03	56.61	23	32.6	ESE 1	NE 4			.8
17	59.24	60.22	24.3	22.3	NNE 3	NNE 3			43.7
18	59.85	58.39	24.5	26.4	NNE 4	NNE 5			.5
19	59.02	57.69	25	29.5	NNE 5	NNE 5			
20	58.75	57.36	25.1	30.4	NNE 1	NNE 4			
21	58.80	57.58	21.8	30.9	NNE 1	NE 4			
22	57.83	54.93	25.2	27.9	NNE 5	NNE 6			2.5
23	55.82	55.92	26	29.3	NNE 1	W 1			.5
24	58.16	56.65	23.1	29.5	SSE 1	NW 2			
25	58.41	56.29	23.5	32.4	SE 1	WNW 3			
26	58.75	57.47	21.8	31.9	E 1	SW 3			
27	59.31	57.27	20.7	31.9	EbyS 1	NNE 3			
28	58.99	57.89	20.3	30.7	SSE 1	WNW 3			
29	58.45	57.14	18.9	30.8	E 1	NW 3			
30	58.96	58.32	19.8	29.8	SE 1	WNW 3			
31									
Mean	58.23	56.84	23	30.1	1.7	3.6			
Total									73.2

DECEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Wind, direction and force (0-12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	59.69	57.73	20.7	32	ESE 1	SW 2			
2	59.92	57.91	20.4	33.7	ESE 1	E 4			
3	59.42	57.86	21.9	30.9	NNE 2	NNE 4			
4	59.48	58.28	25	31	NNE 2	E 5			
5	59.95	58.82	23	32.9	NNE 1	NNW 3			
6	60.93	59.37	21.3	30.5	ESE 1	WSW 3			
7	59.15	57.33	19.9	31.9	ESE 1	NW 3			
8	58.86	57.73	21.6	30	SE 1	NNW 3			
9	59.24	57.36	18.9	30.5	NE 1	NNE 3		NE	
10	58.95	58.28	20.5	29.4	NNE 1	NNE 5			
11	59.73	59	23	28.4	NNE 1	NNE 5			
12	59.44	58.03	22.4	29.5	E 1	NNE 5			
13	59.54	57.51	24.4	30.9	NNE 3	NNE 4			1.3
14	58.94	58	23.9	27.3	NNE 2	NNE 6			
15	59.80	58.10	23.5	28	NNE 4	NNE 6			
16	59.80	58.91	23.6	29.9	NNE 3	NE 5			
17	59.62	57.32	23.9	30.9	NE 2	E 5			
18	59.46	58.17	18.3	31.5	NE 1	ESE 3			
19	59.80	58.69	18.4	30	ESE 1	NNW 3			
20	60.22	58.34	18.4	27.9	E 1	NW 3			
21	60.45	57.77	18.5	28.4	E 1	NNE 4			
22	59.45	56.86	18.9	31.7	NNE 1	NNE 4			
23	58.97	57.95	22.9	28.9	NNE 3	NNE 5			
24	59.31	57.87	20.9	31.9	N 1	ESE 3			
25	60.88	59.62	17.6	28.5	SbyW 1	N 3			
26	61.13	58.01	17.9	33	ESE 1	ESE 4			
27	60.84	59.73	19.3	31	E 1	NNW 3			
28	61.65	60.22	21.7	32.3	ESE 1	ENE 3			
29	61.04	59.06	20.9	32.9	E 1	ESE 3			
30	60.68	59.43	20.4	30.5	E 1	N 3			
31		58.72		30.4	E 1	NNE 3			
Mean	59.88	58.32	21.1	30.5	1.4	3.8			
Total									1.3

SANTO DOMINGO.

[ϕ=20° 28′ N ; λ=121° 59′ E ; barometer above sea, 18.7 meters ; gravity correction not applied, —1.49 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	60.13	59.78	23	26.1	Calm	NE 2	N	NE	0.3
2	62.26	62.81	21.8	22.1	NE 1	NNE 4	NEbyN	NNE	4.4
3	66.07	64.75	20.6	22.5	NE 4	ENE 3	NE	ENE	1.8
4	64.77	63.30	22	24.4	ESE 3	ESE 3	SE	SE	1.3
5	63.16	62.10	24	26.6	SEbyE 3	SEbyE 2	SE	SE	.8
6	62.02	61.60	24.5	27.7	SE 2	SE 1	SE	SEbyS	15.5
7	61.37	60.70	23	25.8	ENE 2	ENE 2	ENE	ENE	4.5
8	60.27	60.63	22.4	26.6	E 1	ESE 2	ESE	SEbyE	------
9	60.42	60.74	23.4	26.5	ESE 2	ESE 1	ESE	ESE	------
10	60.43	59.96	23.8	26.9	ESE 2	ESE 2	ESE	ESE	------
11	59.10	58.87	24	27	ESE 2	SE 2	ESE	SE	1.3
12	59.42	59.19	23.7	26.7	ESE 2	ESE 3	ESE	ESE	------
13	57.89	57.12	24	27	ESE 3	SE 3	SEbyE	SSE	------
14	58.23	58.97	23.8	23.6	WNW 3	NNW 2	WNW	NNW	1.3
15	63.33	62.54	19.8	21.9	NNE 4	NE 3	NNE	NE	------
16	63.78	63.47	21.2	22.9	ENE 3	E 3	ENE	E	.2
17	62.67	61.29	22.3	25	ESE 3	ESE 2	SEbyE	ESE	25.9
18	63.37	63.43	18.8	19.6	NNE 4	NNE 4	NNE	NNE	5
19	64.87	64.21	19.4	20.7	NE 3	ENE 2	NEbyE	EbyN	2
20	64.01	62.48	21.8	25	E 3	SE 3	EbyS	SE	------
21	61.23	60.34	24	25.5	SE 2	S 1	SEbyS	SbyE	2.2
22	62.18	62.57	22	23	NNE 4	NE 4	NNE	NE	1.6
23	63.65	63.46	22	22.1	ENE 3	NE 4	ENE	NE	12.4
24	64.39	62.56	20	22.2	NE 3	NE 4	NE	NEbyE	17.3
25	64.09	63.69	20.4	20	NNE 4	NE 4	NEbyN	NE	2.8
26	65.62	65.38	17.5	19.7	N 5	NNE 5	N	NNE	------
27	66.37	65.82	19.5	23.2	NE 3	ENE 4	------	ENE	2.3
28	65.02	63.66	19.5	24	EbyN 3	ENE 2	E	ENE	3.5
29	63.08	61.84	19	23	ESE 1	NNE 2	------	NNE	3.3
30	63.79	64.47	22.5	20.5	NE 2	NNE 4	NE	NNE	7.6
31	67.57	65.79	18	19.9	NE 4	NE 4	NE	NEbyN	7.9
Mean	62.73	62.18	21.7	23.8	2.7	2.8	------	------	------
Total	------	------	------	------	------	------	------	------	125.2

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	67.54	------	18.2	21.3	NE 2	ENE 3	NEbyN	ENE	4.8
2	------	------	18	20.8	NE 4	ENE 3	NEbyE	E	2.8
3	------	67.32	20.8	23	EbyN 2	ENE 3	ENE	ENE	5.6
4	66.37	65.01	20.5	21.6	E 3	ENE 3	EbyN	ENE	29
5	65.49	64.48	19	19.5	NE 5	NE 5	NEbyN	NEbyN	16.2
6	64.32	62.62	19.7	22	NE 4	NE 3	NE	NEbyE	11.2
7	62.34	60.69	21	23	ENE 3	E 3	EbyN	E	4.6
8	58.44	58.37	23.5	25.3	SE 3	WNW 2	SE	NNW	2.6
9	61.39	60.27	20	22	NE 3	NE 3	NE	NE	2.1
10	61.55	61.16	20.2	22.8	NE 2	ENE 2	NE	ENE	3.4
11	62.57	62.27	20	22.1	ENE 2	ENE 3	ENE	ENE	2.8
12	62.31	61.44	19.6	21.1	ENE 1	ENE 2	ENE	E	7.2
13	61.86	61.77	19.4	20	E 1	E 2	------	E	27.4
14	62.97	61.80	19.8	21.5	E 2	E 2	E	E	11.9
15	62.01	60.10	21.2	22.8	ENE 3	SE 3	E	SE	4.8
16	59.65	58.24	24	27	SE 3	SSE 2	SEbyS	S	.1
17	58.53	58.02	24	25.6	W 1	NW 2	W	NNW	1.4
18	60.34	60.69	21.2	22	NNE 3	NE 3	NNE	NNE	1.8
19	61.65	61.47	21.4	25.8	ENE 2	ENE 2	------	Variable	.3
20	62.31	62.22	20.8	26.3	ENE 1	ESE 2	------	ESE	.9
21	63.08	62.25	21.4	25.4	ENE 3	ESE 2	E	ESE	------
22	61.16	58.96	22.5	27.3	SE 3	SEbyS 2	SE	SSE	------
23	60.24	59.68	23.9	23.8	W 3	NW 3	W	NNW	.4
24	61.86	61.24	20.7	24.6	NE 2	ENE 3	NE	ENE	------
25	60.44	59.61	22.8	23.9	SE 3	SE 3	SE	SEbyS	2.4
26	60.37	59.68	24	27.2	SE 1	NNW 2	------	NNW	------
27	59.88	59.32	22.5	27.6	N 1	NE 1	------	NE	------
28	59.10	58.55	22.1	27.8	E 1	SE 2	------	SSE	.5
29	------	------	------	------	------	------	------	------	------
30	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------
Mean	61.84	61.05	21.2	23.7	2.4	2.5	------	------	------
Total	------	------	------	------	------	------	------	------	144.2

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	61.68	59.78	22.6	24.4	NE 2	NE 3	NE	NE	1.8
2	59.62	57.18	22.4	26.1	E 3	ESE 3	ESE	SE	------
3	58.10	58.55	22.8	23.9	N 2	N 2	N	N	1.7
4	60.99	60.86	19.7	21.2	NNE 4	NE 3	NEbyN	NE	.4
5	61.95	61.01	20.8	23.6	N 1	N 1	NE	N	.2
6	62.28	61.13	21	24.2	NNE 1	NNE 2	NNE	NNE	8.5
7	62.36	61.89	20.4	24.1	NE 3	NE 3	NE	NE	8.1
8	63.24	62.08	20	24.6	ENE 1	EbyN 3	ENE	ENE	5.6
9	63.37	62.97	21.4	22.6	ENE 1	Calm	NE	NE	72.1
10	64.19	64.16	20.6	21.2	NE 3	NE 2	NE	NE	9.7
11	64.23	63.40	21	24.5	E 3	E 3	E	E	------
12	63.28	62.38	22	22.9	S 2	N 2	E	N	15.9
13	63.30	62.52	21	25.1	ENE 2	EbyN 2	ENE	E	1
14	62.40	61.44	23	26.2	EbyS 3	EbyS 3	ESE	ESE	.7
15	62.02	61.64	23	26.6	ESE 3	ESE 3	SE	ESE	1.3
16	61.04	60.44	22	27	E 2	EbyS 2	E	Variable	------
17	61.29	60.65	22.8	24.7	NE 3	NE 4	NE	NE	2.7
18	60.48	59.68	21.5	22.5	NE 4	NE 3	NE	NE	19.3
19	56.75	54.26	23	23.3	NEbyN 5	NEbyN 4	NE	NNE	6.9
20	58.87	58.77	22.9	27.3	Calm	WSW 1	WNW	WSW	------
21	60.03	59.15	21.1	28.2	Calm	S 1	------	S	------
22	59.59	58.17	24.6	28.8	SE 2	SE 2	SE	SEbyS	1
23	59.46	59.62	24.4	25.6	NW 1	N 3	NW	NNE	------
24	61.99	61.99	22.2	26	NNE 3	NEbyN 2	NNE	Variable	1.5
25	63.26	62.97	22.4	26.5	E 2	E 2	E	ESE	------
26	62.46	62.59	24	27	SE 3	SE 3	SE	SEbyS	.6
27	62.14	61.60	24	27.5	ESE 3	EbyS 3	SE	SEbyE	------
28	61.24	61.06	24	28	E 3	EbyS 3	ESE	ESE	------
29	60.71	60.79	24.5	28.3	ESE 2	ESE 2	ESE	ESE	------
30	60.27	59.85	24.6	28.1	ESE 3	ESE 3	SEbyE	SEbyE	------
31	59.91	59.82	24.7	28.9	ESE 3	E 3	ESE	E	------
Mean	61.37	60.72	22.4	25.4	2.4	2.5	------	------	------
Total	------	------	------	------	------	------	------	------	159

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*
1	60.97	60.26	24.4	28.5	E 1	ESE 3	EbyS	ESE	------
2	61.06	60.65	24.4	27.5	ESE 3	EbyN 3	ESE	E	------
3	60.92	60.45	24.7	27.5	ESE 2	ESE 3	ESE	SEbyS	0.2
4	60.55	60.02	24.3	26.7	NEbyE 1	NE 3	ENE	ENE	2
5	60.93	60.46	24.4	28.7	E 2	E 3	E	E	3.8
6	61.49	61.51	23.2	25	NNE 3	NE 3	NNE	NNE	5.4
7	61.29	61.32	23.1	27	ENE 3	E 2	ENE	EbyN	.9
8	60.02	59.19	24.6	29.3	E 2	ESE 2	E	ESE	------
9	59.74	59.29	24	28.7	E 1	EbyN 4	E	EbyN	------
10	58.56	58.39	25	30.5	ESE 3	SW 3	SE	SSW	------
11	59.28	59.45	23.5	26.4	N 3	NNE 3	N	NNE	1.9
12	59.92	60.47	21.5	22.5	NNE 4	NNE 4	NNE	NEbyN	5.9
13	61.11	61.19	22	23.5	NE 2	NNE 2	NEbyN	NE	1.6
14	60.83	61.24	23	26.3	NE 2	NNE 3	NE	NNE	6.9
15	61.03	61.95	24	28.5	NE 1	ESE 2	NE	ESE	6.4
16	59.89	60.02	24.8	28.6	ESE 2	ESE 2	ESE	SE	------
17	58.56	58.21	24.8	29.3	Calm	WNW 2	S	WNW	------
18	56.78	55.83	25.5	28.8	W 3	W 3	W	W	------
19	57.87	57.71	24	27.8	NE 3	NE 3	NEbyN	NE	------
20	58.82	57.33	22.2	27	Calm	E 1	ENE	Variable	------
21	58.07	57.63	24.4	26.8	E 2	EbyN 2	E	ENE	------
22	58.56	58.16	24.9	28.4	ENE 2	EbyS 3	ENE	E	------
23	58.90	58.81	25.4	29.2	E 2	ESE 3	E	ESE	------
24	59.05	59.35	25.6	29.3	ESE 3	ESE 3	ESE	E	------
25	59.24	58.55	26	28.2	ESE 3	ESE 3	ESE	SEbyE	2.2
26	59.29	59.11	26.4	27	ESE 3	ESE 4	ESE	SE	49.1
27	59.58	59.36	25.7	30.3	SSE 2	SSE 2	S	SbyE	2.3
28	59.20	59.49	26	30.5	Calm	SW 2	SSW	SW	.3
29	60.25	60.26	25.1	29.4	Calm	E 1	SW	ESE	25.1
30	60.56	60.20	25.8	29.6	SE 2	SEbyE 2	SE	SE	------
31	------	------	------	------	------	------	------	------	------
Mean	59.74	59.53	24.4	27.9	2	2.6	------	------	------
Total	------	------	------	------	------	------	------	------	144

SANTO DOMINGO.

[ϕ=20° 28′ N ; λ=121° 59′ E ; barometer above sea, 18.7 meters ; gravity correction not applied, —1.49 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					
1	60.14	59.35	26.8	29.7	ESE 3	SE 3	SEbyE	SE	-------
2	58.87	57.64	26.2	30.3	SE 2	SEbyS 3	SEbyS	SbyW	-------
3	58.84	58.33	26.4	30.4	SEbyS 2	SE 2	SE	SEbyS	-------
4	59.96	59.48	23.1	30.4	E 1	ESE 2	ENE	ENE	-------
5	60.10	59.45	23.6	29.5	Calm	ENE 2	ENE	EbyN	-------
6	58.95	57.40	26.3	29.4	ENE 3	NE 4	ENE	NE	5.2
7	53.96	51.06	26.4	25.6	NE 5	NNE 5	NE	NNE	75.2
8	46.46	49.55	24.9	25.4	N 5	NW 5	N	NW	24.6
9	53.67	54.36	26.4	28.3	WNW 4	W 4	WNW	W	-------
10	56.59	56.05	26	29.3	WNW 2	W 3	WNW	WbyS	-------
11	57.78	57.46	24.1	30	Calm	WSW 1	-------	SW	-------
12	58.15	57.61	26	28.4	SSE 2	SSE 2	SSE	S	-------
13	57.92	57	25.7	29.4	SSE 1	WSW 1	S	WSW	-------
14	58.29	57.35	22.6	29.8	Calm	SE 2	-------	SSE	-------
15	59.20	58.41	25.2	29.8	ESE 1	ESE 1	ESE	-------	-------
16	58.70	57.89	25	29.7	N 1	N 2	-------	N	-------
17	57.52	57.12	26.1	27	N 1	N 2	NbyW	NNW	-------
18	57.95	57.64	23.2	29.5	Calm	W 1	WbyN	W	-------
19	58.26	57.91	23.5	29.4	Calm	W 2	-------	W	-------
20	59.45	59	25.6	29.1	Calm	NNW 2	WNW	N	.5
21	60.90	59.81	25	28	NE 2	NE 2	NE	NE	3
22	60.25	59.22	24.9	24.5	NE 1	NE 1	NE	NEbyE	8
23	58.58	57.36	24.2	25.9	ENE 2	N 1	ENE	NEbyN	30.3
24	56.92	55.98	23.8	24.4	NE 2	NE 2	NEbyE	NE	70.6
25	56.44	55.63	23.9	26	Calm	ESE 1	E	ESE	76.1
26	53.59	51.91	24	27.5	SE 1	NEbyN 1	SE	NEbyN	5.9
27	53.28	54.86	25.7	28.2	WNW 5	WNW 4	WNW	WNW	-------
28	55.47	55.14	25.9	28.5	WbyN 2	WNW 2	WbyN	-------	-------
29	57.10	57.84	25.4	24.5	Calm	NNW 1	-------	Variable	37.5
30	58.31	57.81	23.1	25.5	E 2	ESE 2	E	SEbyE	20.1
31	58.76	57.61	26	28	SE 3	SE 2	SE	SE	-------
Mean	57.43	56.88	25	28.1	1.7	2.2	-------	-------	-------
Total	------	------	------	------	------	------	------	------	357

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	57.87	57.23	26.6	30.5	SE 1	S 2	SE	S	5.1
2	57.60	57.24	26	30.7	Calm	SW 1	-------	S	-------
3	57.62	57.19	27.1	31.8	SSE 2	S 2	SSE	S	-------
4	57.02	56.74	27	29.8	SE 2	SE 2	S	S	-------
5	58.12	58.44	27.1	31.5	SE 3	SSE 3	SEbyS	S	-------
6	58.96	58.33	27.6	31	SSE 2	S 1	SSE	S	-------
7	59.20	58.48	27	30.5	Calm	WbyS 2	S	WbyS	-------
8	59.05	58.65	26	30.8	Calm	WSW 2	SSW	W	-------
9	58.66	58.03	26.3	30.5	Calm	WSW 2	SbyW	SW	-------
10	58.98	59.30	27	31.2	Calm	S 1	SSE	S	-------
11	60.46	60.47	27.6	31.1	SE 2	SSE 3	SE	SSE	-------
12	61.36	60.67	27.5	30.8	SSE 3	SE 3	SSE	SE	.4
13	60.01	59.27	27.5	31	SE 3	SE 3	SE	SE	-------
14	59	58.60	28	31.5	SSE 3	SSE 3	SSE	SSE	-------
15	59.09	58.54	28.1	32.3	SSE 3	SSW 2	SSE	SSW	-------
16	58.88	58.54	28	32	SSE 2	SSE 3	SSE	SSE	-------
17	58.84	58.80	28.4	31.5	SSE 2	SSE 3	SSE	SSE	.2
18	58.78	59.17	27.5	31.4	ESE 2	ESE 3	ESE	ESE	.4
19	59.28	59.24	27.5	31.4	ESE 3	ESE 3	EbyS	ESE	-------
20	59.53	58.57	27.5	31	ESE 2	E 2	EbyS	E	5.1
21	59.10	58.40	26.6	30.9	Calm	ESE 3	EbyS	ESE	1.3
22	59.33	58.80	27.7	31	ESE 3	SE 3	SEbyE	SE	-------
23	58.65	58.08	27.3	31.2	E 1	E 2	Variable	EbyN	-------
24	57.79	57.65	27.8	31.7	ESE 2	ESE 3	ESE	EbyS	-------
25	57.90	57.57	26.6	31.2	ESE 1	ESE 3	EbyS	ESE	1.3
26	57.61	57.13	26.8	30.6	ESE 3	ESE 3	ESE	ESE	23
27	56.47	54.61	26.7	28.6	ESE 3	SEbyS 4	ESE	SSE	2.9
28	57.35	56.43	27.4	31	SSE 3	SSE 4	SSE	SSE	-------
29	57.40	56.24	27.7	30.5	SSE 4	SSE 4	SSE	SSE	1.3
30	57.10	56.08	27.5	31.2	SSE 3	SSE 4	SSE	SSE	6
31	------	------	------	------	------	------	------	------	------
Mean	58.57	58.08	27.2	31	1.9	2.7	-------	-------	-------
Total	------	------	------	------	------	------	------	------	47

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	56.42	56.45	27.5	30.5	SEbyS 4	SSE 4	SEbyS	SSE	-------
2	57.19	57.35	27.4	26	SSE 3	ESE 3	SSE	ESE	21.7
3	57.85	57.75	26.9	30	ESE 3	ESE 3	ESE	ESE	18
4	58.14	58.38	26	29.6	ESE 1	ESE 2	ESE	ESE	40.5
5	58.37	58.25	25.5	30	ESE 1	WSW 3	SEbyE	WSW	6.1
6	60.25	59.63	26.2	28.6	WSW 1	WSW 3	WSW	WSW	-------
7	59.04	59.14	28	30.2	WSW 3	WSW 4	WSW	WSW	2.2
8	57.59	57.28	28.2	30.1	WSW 4	WSW 5	WSW	WSW	-------
9	56.50	56.18	27.4	29.6	WSW 5	WSW 5	WSW	WbyS	-------
10	56.65	56.59	27.8	30.3	WSW 5	W 5	WbyS	W	-------
11	56.70	56.35	27.1	30.3	W 4	W 5	W	W	-------
12	56.31	55.75	27.6	30	W 4	WNW 5	W	WNW	-------
13	55.16	54.31	27.8	29.1	WNW 4	WNW 4	WNW	WNW	-------
14	53.49	53.23	27.9	29.4	WNW 5	WNW 4	WNW	WNW	-------
15	53.60	53.20	27.8	30.6	WNW 2	NW 4	NWbyW	NW	2.5
16	53	51.60	27.5	29.2	NW 3	NW 4	NW	NW	32.2
17	50.55	52.76	26	24.9	WSW 3	SSW 5	SW	SWbyS	102.3
18	56.10	56.77	27.4	29.4	SW 3	SSW 3	SW	SSW	5.3
19	57.96	57.18	26.6	30.4	S 1	SSE 2	S	SSE	-------
20	58.22	58.83	24.6	30.4	Calm	E 3	-------	E	13.5
21	60.34	60.88	26	30.5	EbyN 2	EbyS 3	E	ESE	.3
22	60.65	59.53	26.6	30.5	E 1	ESE 2	E	EbyS	-------
23	58.25	57.63	25	31.4	Calm	ESE 1	-------	Variable	-------
24	56.39	55.79	24.8	29	E 1	NNE 1	ESE	Variable	-------
25	56.68	56.83	23.5	30.8	Calm	N 1	ESE	NNE	-------
26	57.45	57.18	24	30.5	Calm	WNW 1	-------	WNW	-------
27	57.13	56.79	24.2	30.5	Calm	W 3	-------	W	-------
28	55.52	54.98	27.5	30.5	W 3	W 4	W	W	-------
29	54.31	53.82	27.7	30.5	W 4	W 5	WSW	W	-------
30	54.75	55.03	28	30.5	W 5	W 5	W	W	-------
31	56.88	56.39	27.4	27.4	WSW 3	SW 3	WSW	SW	16.3
Mean	56.69	56.51	26.6	29.7	2.5	3.4	-------	-------	-------
Total	------	------	------	------	------	------	------	------	260.9

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.					mm.
1	57.43	56.17	24.5	28.1	SSE 3	S 1	SSE	SSE	3.8
2	56.37	55.83	-----	30	SEbyE 1	SSE 2	SEbyS	SSE	-------
3	56.10	55.77	25.4	29.5	SE 1	WSW 1	SE	ESE	5.6
4	56.77	56.83	26	30	ESE 1	SE 2	ESE	SEbyS	-------
5	57.10	56.83	26	31.6	SE 1	SE 2	SE	SEbyS	-------
6	56.58	56.45	25.7	30.7	Calm	WSW 3	SSE	WSW	-------
7	55.92	55.13	28	28.6	WSW 3	WSW 3	WSW	WSW	7.9
8	54.74	54.56	26.5	27.6	WSW 4	W 5	WbyS	W	.8
9	54.79	54.48	27	26	W 4	WSW 1	W	WSW	7.7
10	54.45	54.65	27.5	29.6	WSW 4	WSW 4	WSW	WSW	8.1
11	54.31	54.30	27.5	29.8	SW 4	SW 4	SWbyW	SWbyW	.8
12	55.34	54.85	27.5	28.6	SW 5	SW 5	SWbyW	SWbyW	1.5
13	55.09	53.50	26.5	29.2	WSW 4	WSW 5	WSW	WSW	-------
14	54.37	55	27.8	30.6	SW 2	WSW 4	SW	WSW	-------
15	56.51	55.90	27	29.5	SSW 1	SW 3	S	SWbyS	-------
16	56.40	56.19	26.5	30.9	Calm	SW 2	SW	SW	-------
17	56.41	56.42	26.6	30.5	Calm	SW 1	SW	SW	-------
18	57.41	57.27	25.7	31.7	Calm	W 1	WSW	W	-------
19	57.39	57	26	30.3	W 1	NNW 2	W	WNW	-------
20	57.23	57.49	26	29.5	Calm	Calm	W	WbyN	-------
21	57.60	57.20	25.8	32.5	Calm	SSE 2	S	SSE	-------
22	57.69	57.78	28.3	33	SSE 2	S 2	SSE	S	.6
23	58.34	58.19	26.5	31.8	Calm	SSE 3	S	SEbyS	9.7
24	58.75	58.05	25.6	32.5	Calm	ENE 4	ENE	ENE	8.4
25	57	56.17	26.2	28.8	ENE 1	ENE 2	ENE	ENE	60.7
26	55.80	54.58	24.6	26.4	E 2	ESE 1	E	ESE	76.7
27	53.78	49.78	25	24.4	ESE 3	ESE 5	ESE	SEbyS	259.6
28	44.27	43.07	25.1	25.3	S 7	SSW 8	SSW	SW	209.8
29	52.52	52.96	25	26.7	S 1	SSW 2	SbyW	SSW	19.1
30	54.12	54.22	25.6	28.7	S 1	SSW 2	SbyW	SW	.5
31	53.53	52.62	27.5	29.2	SW 2	WSW 3	S	WSW	1.5
Mean	55.62	55.14	26.3	29.4	1.9	2.7	-------	-------	-------
Total	------	------	------	------	------	------	------	------	682.8

SANTO DOMINGO.

[ϕ=20° 28′ N ; λ=121° 59′ E ; barometer above sea, 18.7 meters ; gravity correction not applied, —1.49 mm.]

Day.	SEPTEMBER.									OCTOBER.								
	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Wind, direction and force (0–12).		Lower clouds, direction.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	51.80	51.42	27.5	29.5	WSW 4	WSW 5	WSW	WSW	19.6	57.20	57.05	26	29.5	Calm	W 1	SSE	W	10.2
2	51.78	51.61	27.8	29.1	WSW 5	WSW 5	WSW	WSW	.3	57.34	56.84	25.5	28.1	N 4	N 5	NbyE	NbyE	1.8
3	52.62	52.45	28	29.9	WSW 5	WSW 4	WSW	WSW	27.2	57.26	57.35	26.2	26	NEbyN 4	NE 5	NEbyN	NE	16.2
4	51.62	51.22	27	26.5	WSW 4	WSW 4	WSW	WSW	13.9	57.63	57.12	26	25.6	NE 5	NE 5	NE	NE	88.4
5	50.64	50.53	26.5	26.6	WSW 5	W 4	WSW	W	58.8	58.22	57.87	25.8	28.1	E 1	NNW 2	ESE	N	1.3
6	51.87	51.23	24.7	24.7	Calm	E 2	NNE	E	111.7	58.71	57.83	25.7	28.6	E 1	N 2	------	NNE	------
7	53.32	52.88	26	27.5	E 2	ESE 3	E	SE	------	58.18	57.38	25.5	29.3	Calm	NNE 2	NNE	NNE	1.2
8	56.57	57.40	26.8	27.8	SW 3	W 1	SW	Variable	11.6	57	56.01	26	27.5	N 2	NNE 3	NbyE	NNE	1.9
9	58.51	57.91	25.6	28.4	SE 1	SE 1	SE	SE	------	57.25	57.45	25.6	27.1	N 3	N 4	N	N	------
10	59.21	57.41	24.6	28.5	ENE 1	Variable 1	Variable	E	3	59.69	59.75	24.6	27.2	N 3	NNE 3	N	NNE	------
11	58.60	57.86	26	29.1	SE 2	SE 1	SE	SE	10.7	61.30	60.99	23.5	26.2	N 4	NNE 4	NbyE	NNE	2.2
12	59.53	58.72	25.8	28.5	SE 1	SE 1	SE	SE	4.7	61.62	61.16	23.9	27	NNE 5	NNE 5	NNE	NNE	------
13	59.77	58.70	27	31.1	SE 2	SSE 2	SSE	SSE	------	61.79	61.53	23.6	27.4	NE 4	NE 4	NE	NE	------
14	59.62	58.84	25.7	30.4	Calm	E 2	E	E	25.4	61.73	60.91	23.8	27.4	NE 3	NE 4	NE	NE	------
15	59.12	58.59	26.5	30.7	ESE 1	ESE 1	ESE	ESE	------	61.44	61.05	23.8	27.5	NE 3	NE 3	NEbyN	NEbyN	------
16	58.44	57.94	27.4	30.8	ESE 2	ESE 2	ESE	ESE	12.4	61.69	60.91	22.5	27.3	ENE 1	NE 2	NE	NEbyN	------
17	59.27	59.11	26.1	28.8	Calm	E 1	E	E	1.5	62.52	61.46	21.5	27	NE 1	ENE 2	NE	ENE	------
18	60.27	59.45	25	29.5	Calm	NNE 1	E	Variable	21.1	62.86	61.87	23	28	ENE 3	ENE 3	ENE	------	------
19	59.78	58.11	25.3	30.5	Calm	ESE 2	SE	SE	1.7	62.65	61.58	23.6	26.6	E 1	E 1	E	EbyN	------
20	58.67	57.73	26.8	30.4	ESE 2	ESE 2	ESE	ESE	.2	61.88	60.92	21.8	26	Calm	N 2	------	N	------
21	59.42	58.23	26	30.7	Calm	ESE 3	EbyS	EbyS	------	61.56	61.15	24.6	27.3	ENE 2	ENE 3	NE	ENE	------
22	59.97	58.95	26.6	30.6	ESE 2	ESE 3	EbyS	EbyS	2.5	61.95	61.15	23.2	27.2	NE 1	NE 4	NEbyE	NE	------
23	59.72	58.53	24.2	30.5	Calm	NE 3	ENE	NE	9.9	61.16	60.92	23.4	29	ENE 1	E 2	ENE	E	------
24	58.37	56.05	25.4	30.4	NNE 3	NE 4	NNE	ENE	25.6	60.92	60.32	22.2	28	Calm	NE 2	E	ENE	------
25	57.50	56.86	27	30.6	E 3	E 3	E	E	5.6	61.61	61.32	23.5	28.1	ENE 1	NE 3	ENE	NE	2
26	58.57	56.89	26.2	28.6	NE 1	NNE 4	NE	NE	49.1	63.04	61.79	24.4	25.5	NE 3	NE 4	NE	NE	8.1
27	55.40	54.01	26.4	28	ENE 1	NE 4	ENE	NE	29.7	62	61.25	23.4	27	NE 2	NE 3	NE	NE	------
28	49.72	43.69	26	26.2	NNW 3	SW 5	NNW	SW	85.1	61.34	60.86	23	27.7	NE 1	NE 3	NE	NE	------
29	50.61	51.07	26.5	28.3	SSE 4	SSE 3	SSE	SSE	27.7	61.74	61.61	24	27.8	NE 3	NE 4	NE	NE	------
30	53.71	54.19	27.3	30.5	SSE 2	SSE 2	SSE	SSE	------	62.04	60.65	25.7	28.2	NE 4	NE 4	NE	NE	.5
31	------	------	------	------	------	------	------	------	------	60.67	59.68	24.8	27.5	NEbyE 4	NE 4	ENE	NEbyE	------
Mean	56.47	55.59	26.3	29.1	2	2.6	------	------	------	60.52	59.93	24.2	27.4	2.3	3.2	------	------	------
Total	------	------	------	------	------	------	------	------	559	------	------	------	------	------	------	------	------	133.8

Day.	NOVEMBER.									DECEMBER.								
	mm.	*mm.*	°*C.*	°*C.*					*mm.*	*mm.*	*mm.*	°*C.*	°*C.*					*mm.*
1	59.92	59.37	25	26.6	NE 4	NE 5	NE	NE	9.3	61.84	61	24.9	28.4	E 2	E 3	EbyN	EbyN	0.4
2	60.90	60.45	25.2	27.4	NE 5	NE 5	NE	NE	.8	63.19	62.29	24.6	26.7	E 2	NE 3	E	NE	29.7
3	62.30	60.91	24.2	26.4	NE 2	NE 4	NE	NE	.6	63.30	62.39	24.4	27.5	NEbyE 4	E 3	ENE	E	12
4	61.71	61.06	24.9	25.6	NE 3	NE 3	NE	NE	9	63.59	63.17	23.8	23.1	E 1	NNE 3	E	NEbyN	72.6
5	61.32	60.82	24.6	25.7	NE 3	NE 3	ENE	NE	26.4	63.72	62.69	23.7	24.7	NE 1	NNE 2	NE	NE	30.2
6	61.67	61.01	24.6	25.6	NEbyE 5	NE 4	NE	NE	------	63.34	62.38	24.4	28	ESE 3	ESE 3	SEbyE	SEbyE	7.1
7	61.84	60.90	25	26.4	ENE 4	ENE 4	ENE	ENE	------	62.06	60.27	23.4	26	NNE 1	NE 2	NbyE	NE	5.1
8	60.77	59.41	25	25.6	E 3	Variable 1	E	E	42.2	60.79	60.12	22.5	23	NNE 3	NNE 3	NNE	NNE	14.4
9	58.89	57.87	23.8	25.6	Calm	E 3	EbyS	E	3.8	61.02	60.35	22.7	23.6	N 4	N 5	N	N	2
10	58.59	57.99	24.2	24	NE 3	NE 3	NE	NE	1.8	61.92	60.80	22.8	24.5	NNE 4	NE 4	NNE	NE	10.9
11	59.81	59.98	22.1	23.8	NE 5	NE 5	NE	NE	------	62.87	62.16	22	22.5	N 5	N 5	N	N	10.1
12	61.69	61.28	21.8	23.2	NE 5	NE 5	NE	NE	------	63.61	62.85	21.7	23.5	N 6	NNE 5	NNE	NNE	23.2
13	62.85	61.72	22.7	24.4	NE 5	NE 5	NE	NE	3.8	63.02	61.88	22.1	25.5	ENE 3	ENE 3	ENE	ENE	------
14	60.14	57.37	23.5	24	NNE 5	NNE 5	NNE	NNE	46.4	62.18	61.74	23.1	23	NNE 4	NNE 6	NNE	NNE	10.4
15	58.33	57.57	25	26.8	ESE 3	SSE 3	ESE	ESE	58.2	63.36	62.74	21	21.2	NNE 6	NNE 6	NNE	NNE	27.2
16	61.27	62.27	22.7	21.8	NNE 6	NNE 6	NNE	NNE	18.3	65.03	63.96	20	22.4	NE 5	NE 5	NE	NEbyE	1.3
17	63.72	63.51	21.3	21.5	NbyE 6	NbyE 6	NNE	NNE	41.9	64.61	62.75	20.8	22.8	ENE 3	ENE 3	ENE	ENE	------
18	64.47	64.04	19.5	20.4	NbyE 6	NbyE 6	NNE	NNE	4.8	63.17	61.74	20.9	24.7	E 2	EbyS 5	EbyN	ESE	------
19	64.72	63.33	19.5	20.4	NbyE 6	NNE 6	NNE	NNE	5.8	63.21	62.02	21.9	25.6	ENE 4	ENE 3	ENE	ENE	1
20	63.22	61.96	22.6	24	NE 5	NE 5	NE	NE	------	61.71	60.66	22.3	25.8	E 2	ESE 2	E	ESE	------
21	62.95	61.95	22.8	24.1	NE 4	NE 5	NEbyE	NEbyE	------	62.61	60.74	21.5	25.4	Calm	NE 2	ENE	NE	10.2
22	61.87	60.10	23.7	24.6	ENE 6	NE 6	NE	NE	42.4	62.90	62.01	20.5	21.7	NNE 5	NE 5	NNE	NE	18.1
23	60.67	58.91	24.2	27.5	E 2	E 3	E	E	5.5	63.23	62.16	20.5	21.9	NNE 5	NNE 4	NNE	NNE	.5
24	60.47	59.68	25	28	ESE 2	ESE 3	ESE	EbyS	8.8	63.28	62.41	21.1	22.4	NNE 4	NE 4	NEbyN	NE	10.9
25	60.84	60.13	24.2	28.2	ENE 2	E 3	ENE	E	1	64.13	62.50	21.5	22	NNE 1	NE 3	NNE	NNE	37.3
26	61.43	60.48	23.6	26.1	NE 1	NE 2	ENE	ESE	------	63.92	63.28	19.4	20.4	NE 5	NE 5	NEbyE	NE	7.9
27	61.68	60.26	23.8	28.5	E 1	E 2	E	E	------	64.79	64.13	21.8	23	ENE 4	NE 2	E	E	7.1
28	60.91	60.07	24.4	28.7	ESE 1	ESE 2	ESE	ESE	8.3	66.39	64.90	21.4	24	ENE 3	ENE 3	EbyN	EbyN	.8
29	60.57	59.90	24.7	28	ESE 2	ESE 3	ESE	ESE	.8	64.97	63.23	21.5	24.7	ENE 2	ENE 3	ENE	ENE	4.9
30	60.92	60.26	24.8	28.1	ESE 2	E 3	ESE	E	------	63.03	61.47	21.7	24.6	ESE 2	ESE 3	------	ESE	6.4
31	------	------	------	------	------	------	------	------	------	62.83	62.42	21.9	24.8	E 2	E 3	E	E	------
Mean	61.35	60.49	23.6	25.4	3.6	4	------	------	------	63.21	62.17	22.1	24.1	3.2	3.6	------	------	------
Total	------	------	------	------	------	------	------	------	339.9	------	------	------	------	------	------	------	------	361.7

ANNUAL SUMMARIES FOR FIRST AND SECOND CLASS STATIONS, 1910.

CEBU.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.												
												Number of winds from six daily observations.												
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Total.	Average daily velocity.	Average hourly velocity.
	mm.	*°C.*	*°C.*		*°C.*		*P.ct.*	*mm.*	*mm.*		*0–10*										*Km.*	*Km.*	*Km.*
January	758.52	26.1	30.5	8	21.2	22	71	118.1	31.7	19	4.9	28	107	20	0	0	0	0	0	31	7,426.3	239.6	10
February	58.64	25.8	30.2	23, 24	21	22	73.7	196.3	75.8	2	5.8	19	75	34	1	0	0	0	0	39	5,870.4	209.7	8.7
March	58.80	26.4	31	19	21.8	6	70.2	98.5	41.7	19	5.2	35	59	37	1	6	5	2	2	39	7,184.4	231.8	9.7
April	58.06	27.1	32.1	21	21.6	22	71.6	115.3	36.6	23	4.6	23	45	51	2	2	5	2	0	50	6,811.4	227	9.5
May	57.76	27.6	33	18	21.4	29	71.2	139.1	43.2	28	5	2	11	24	7	22	15	5	3	97	-------	[a]170.7	[a]7.1
June	57.91	27.2	31.5?	2	22.9	30	70	141.3	39.6	30	5.6	15	32	36	6	4	8	0	2	77	5,920	197.3	8.2
July	57.86	27.3	32.9	17	22	16	68.7	113.5	31.7	1	5.1	3	7	18	8	27	17	8	5	93	5,377.7	173.5	7.2
August	57.47	27	32.4	27	22.9	28	70.9	227.8	68.8	7	5.3	8	7	12	11	28	24	9	9	78	4,982.1	160.7	6.7
September	57.54	26.7	32	2, 5, 7	22.4	27	78.3	312.6	63.5	8	6.5	3	5	11	7	19	31	10	2	92	-------	[b]164.7	[b]6.9
October	58.49	26.5	31.6	5, 7	22.4	16	78.8	384.2	102.1	27	5.9	17	15	19	8	8	15	3	5	96	5,109.4	164.8	6.9
November	56.98	26	31.3	15	21.8	11	81.1	249.3	49.5	1	6.2	7	28	20	10	5	11	6	1	92	5,058.4	168.6	7
December	58.08	26.2	30.8	2	22	8, 21	80	146.7	29	2	5.9	28	66	16	3	3	2	1	0	67	-------	[c]206.3	[c]8.6
Year	758.01	26.7	33	------	21	-------	73.8	2,242.7	102.1	-----	5.5	188	457	298	64	124	133	46	29	851	-------	192.9	8

ILOILO.

January	758.87	25.9	31.6	21	21.5	30	79.8	25	7.6	27	5.7	55	123	8	0	0	0	0	0	0	11,794.5	380.5	15.8
February	58.83	26.2	32.5	8	20.8	24	79.1	45.7	18.7	2	6.4	60	100	8	0	0	0	0	0	0	9,546.7	341	14.2
March	58.98	26.6	33.4	24	21.8	6	75	16.5	6.1	18	6.2	54	101	10	0	2	9	2	3	5	-------	------	-------
April	58.26	27.4	34.4	19	21.5	21	73.3	28.2	6.4	22	5.6	54	89	12	0	3	7	0	3	12	-------	[d]276.6	[d]11.5
May	58.05	27.6	33.5	1, 5, 13	22	15	78.4	271.9	59.4	22	6.6	18	16	9	1	5	80	7	5	45	-------	[a]240.5	[a]10
June	57.79	27.5	34	2	23	4	77.9	110.4	42.2	3	6.9	43	61	11	2	3	19	14	3	24	-------	[a]223.8	[a]9.8
July	58.04	27.2	34.1	20	22.5	6, 27	78.3	57	21.8	8	6.8	14	16	9	0	7	74	23	6	37	7,750	250	10.4
August	57.72	26.9	34.2	18	22.4	7	78.8	144.6	50.3	31	7	6	11	3	2	7	92	15	0	50	8,040.5	259.4	10.8
September	57.82	26.3	33	23	22	15	83.7	432.4	45.7	8	8.7	15	7	8	4	11	73	15	4	43	6,744.2	224.8	9.4
October	58.90	26.7	32.5	23, 27	22.7	3, 13, 28	82.3	169.5	37.8	31	7.5	38	49	17	1	2	29	8	5	37	6,800.3	219.4	9.1
November	57.27	26.1	32	3	22.4	11, 29	85.2	460.5	128.6	1	8.3	35	59	6	3	4	18	4	9	42	5,936.7	197.9	8.2
December	58.37	26.2	31.6	4	21.9	30	82.3	151.9	35.9	23	7.2	95	76	12	0	0	0	0	1	2	9,603.3	309.8	12.9
Year	758.24	26.7	34.4	------	20.8	-------	79.5	1,913.6	128.6	-----	6.9	487	708	113	13	44	401	88	39	297	-------	265.8	11.1

ORMOC.

January	758.80	25.3	32.5	13	19	22	82	127.2	21.6	19	7.6	63	33	13	9	13	11	11	20	13	-------	[e]124.7	[e]5.2
February	58.86	25.2	32.1	11	18.4	22	83.3	116.1	24.9	3	7.8	38	33	7	18	16	11	7	33	5	3,417.3	122	5.1
March	58.99	25.1	32.5	27	17.9	1	82	82.7	20.8	12	7.2	42	30	14	9	26	12	13	34	6	3,770	121.6	5.1
April	58.27	26	33.1	16	18.5	17	80	100	29.7	21	6.4	46	18	16	26	21	14	7	21	11	3,667.6	122.3	5.1
May	57.97	26.3	32.8	4	20.2	16	82.8	74.2	14.5	3	7.1	50	8	8	28	41	6	11	19	15	2,618.7	84.5	3.5
June	58.12	26.1	33.8	12	20	6	81.4	140.2	26.7	29	7.5	53	16	15	23	25	9	3	12	24	2,249.2	75	3.1
July	58.07	26.2	33.1	19	20.2	17	83.2	151.9	50	14	6.9	59	13	9	26	42	6	3	9	19	-------	[c]101	[c]4.2
August	57.70	26.1	33	19	19.2	27	83.9	328	66.7	14	6.9	46	9	15	30	36	5	3	25	17	3,598.5	116.1	4.8
September	57.71	26.1	32.5	7	20.8	23	84.2	263.6	79.3	20	8.4	57	1	13	25	45	7	3	23	6	-------	[d]189.1	[d]7.9
October	58.61	25.3	33.1	14	19.8	19	87.2	284.5	98.5	31	7.9	82	21	7	11	22	19	4	17	3	-------	[a]124.2	[a]5.2
November	57.17	-----	-----	------	-----	--------	-----	279.5	39.9	1	8.5	68	26	18	16	18	7	8	14	5	-------	[f]124.4	[f]5.2
December	58.27	[g]25.2	[g]31.6	25	[g]20.8	28	[g]85.9	191.5	37.6	2	8.1	56	42	16	14	10	10	11	25	2	4,384.9	141.4	5.9
Year	758.21	25.7	33.8	------	17.9	-------	83.3	2,139.4	98.5	-----	7.5	660	250	151	235	315	117	84	252	126	-------	120.5	5

LEGASPI.

January	759.88	25.5	31.1	14	19.8	30	83.1	636.5	161.4	19	6.3	5	168	5	0	0	0	0	0	8	-------	[a]351.9	[a]14.7
February	59.72	25.9	31.3	27	20.9	23	81.7	370.9	106.6	12	5.9	4	117	36	2	0	0	0	0	9	8,033.1	297.5	12.4
March	59.44	26.3	31.7	1	20.8	3	80.6	348.8	104.6	17	5.7	3	100	53	1	0	3	5	1	20	-------	[c]270	[c]11.2
April	58.83	27.1	32.9	21	20.3	18	79.3	218.3	64.5	9	4.4	0	93	61	0	1	1	0	0	24	-------	[b]237.2	[b]9.9
May	57.74	27.7	35.3	29	21.1	15	78.6	51.3	19.1	20	4.5	0	25	35	2	3	29	11	0	81	-------	[c]154.8	[c]6.5
June	58.35	27.7	33.3	3	22	29	80	214.2	47	22	5.6	0	45	62	6	1	0	1	0	65	5,262.7	175.4	7.3
July	57.80	27.4	35	27	22.2	27	80.3	199.3	55.1	16	5.4	0	8	12	1	1	24	19	0	121	2,672.5	86.2	3.6
August	57.25	27.4	34.7	13	22	26	[d]80.6	183.9	98.6	3	4.7	0	4	12	2	1	56	23	1	87	4,208.7	135.8	5.7
September	57.30	26.8	34	7	21.3	22	83.9	253.5	43	27	7.2	0	14	24	5	2	40	17	1	77	4,529.5	151	6.3
October	58.82	26.5	33.5	7	20.9	13	84.2	420.5	90.2	2	6.5	7	93	12	1	0	16	10	1	46	-------	[a]203.4	[a]8.5
November	57.51	26.3	32.2	12	20.8	10	85.6	536.8	279.4	1	6.9	5	95	29	2	0	5	1	1	42	7,450.9	248.4	10.4
December	59.20	26	31	16	21.8	20	87.4	653.5	61.2	16	7.2	10	141	18	2	0	0	0	0	15	10,307.4	332.5	13.9
Year	758.49	26.7	35.3	------	19.8	-------	82.1	4,087.5	279.4	-----	5.9	34	903	359	24	9	174	87	5	595	-------	220.3	9.2

[a] 29 days of observation.
[b] 28 days of observation.
[c] 30 days of observation.
[d] 23 days of observation.
[e] 26 days of observation.
[f] 27 days of observation.
[g] 20 days of observation.

ATIMONAN.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.											
												Number of winds from six daily observations.											
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Total.	Average daily velocity.	Average hourly velocity.
	mm.	°C.	°C.		°C.		P.ct	mm.	mm.		0–10										Km.	Km.	Km.
January	760.36	25.5	29.8	4	22.1	14	81.6	86.8	24.1	20	7.3	82	91	0	0	1	1	0	5	6	--------	[a]576.6	[a]24
February	60.04	25.4	31.4	28	20.6	24	84.8	130.1	51.5	11	7.4	76	47	3	0	0	11	0	22	9	--------	[b]421.3	[b]17.6
March	59.68	26.4	32.7	19	21	11	81.8	53.1	15.3	5	7.1	48	72	8	0	1	24	2	19	12	--------	[c]426.2	[c]17.8
April	58.81	28.1	34.7	18	21.8	18	77.8	84.1	62	24	5.5	35	87	7	2	1	20	0	15	13	--------	[b]359.2	[b]15
May	57.52	28.1	34.7	9, 10	22.5	9	78.5	116	58.4	24	6.8	22	28	9	3	8	83	7	8	18	--------	[d]279.1	[d]11.6
June	58.22	27.7	34.5	9	23.3	10, 26	83.1	165.9	60.9	12	6.8	20	38	18	5	9	51	3	16	20	--------	[c]242.3	[c]10.1
July	57.49	27.5	34.5	27	22	3	80.5	91.2	32.8	22	7	26	11	5	1	11	98	4	5	25	--------	[c]238.2	[c] 9.9
August	56.88	27.9	35.9	18, 19	21.5	28	77.4	48.5	8.6	23	6.4	5	10	4	4	13	124	7	5	14	--------	[e]250.6	[e]10.4
September	56.99	27.1	35.2	2	22.3	17, 26	80.5	218.9	31.6	13	9.1	18	6	6	3	20	89	0	12	26	--------	[f]243.2	[f]10.1
October	59.15	26.9	33.9	6	21.5	5	82.5	437.9	91.1	10	7.9	34	78	3	1	2	36	1	8	23	--------	[c]403.1	[c]16.8
November	57.85	26.5	32.8	3	20.8	22	84.3	465.9	87.1	22	8	45	70	9	4	4	12	1	16	19	--------	[c]494.3	[c]20.6
December	59.89	25.8	30.3	5	22.3	21	83.3	407.9	95.8	21	8.7	63	111	6	1	0	0	0	3	2	--------	[c]663.1	[c]27.6
Year	758.57	26.9	35.9	------	20.6	--------	81.3	2,306.3	95.8	-----	7.3	474	649	78	24	70	549	25	134	187	--------	383.1	16

DAGUPAN.

January	760.02	25.3	35.3	11	17.8	8	82.5	35.8	19	21	3.1	18	1	8	59	39	1	2	34	24	8,115.3	261.8	10.9
February	59.52	26.5	35.9	27	18.7	26	78	14.8	10.7	19	4.9	9	3	4	67	23	1	3	45	13	7,558.1	269.9	11.2
March	59.29	26.8	36.6	31	19.5	2	79.2	109.9	63.5	24	5.6	15	2	3	53	34	8	1	52	18	8,169	263.5	11
April	58.38	28.2	36.9	29	21.3	2	76.5	32.3	16.8	25	4.6	10	2	4	61	27	3	3	54	16	8,464.2	282.1	11.8
May	57.25	27.7	36.8	4	22.7	1	82.2	360.8	95.5	24	7.3	3	3	9	62	16	10	8	56	19	8,261.8	266.5	11.1
June	57.81	28.2	36.9	14	22.6	18	80.4	172	39.6	26	6.4	9	6	7	85	20	5	3	19	26	7,376.1	245.9	10.2
July	57.48	27.3	35.6	5, 19	21.8	17	85.6	183	29.7	5	6.9	14	3	8	69	10	8	10	35	29	7,123.2	229.8	9.6
August	56.88	27.2	35.8	16	22.7	3	88.1	271.8	55.2	28	8.5	15	1	7	62	12	13	9	24	43	6,247.5	201.5	8.4
September	56.78	26.6	35	12	22.5	25	89.7	511.8	69.8	9	8.8	9	3	13	71	17	6	8	16	37	7,278.6	242.6	10.1
October	58.90	27.4	35.5	24	22.4	19	84.3	105.1	47.6	8	6.2	18	1	5	64	9	5	5	33	46	6,189.6	199.7	8.3
November	57.71	26.6	34.7	16	20.5	29	84.9	22.5	6.6	10	6.8	5	1	9	67	13	6	4	34	41	6,201.8	206.7	8.8
December	59.45	25.8	34.5	6	19	21	85	.8	.8	3	5	10	1	2	65	41	5	1	30	31	7,285.3	235	9.8
Year	758.29	27	36.9	------	17.8	--------	83	1,820.6	95.5	-----	6.2	135	27	79	785	261	71	57	432	343	88,270.5	242.1	10.1

BAGUIO.[h]

January	637.08	16.6	25	8, 11	10.1	30	81.1	45.8	19.6	21	5	6	6	92	30	3	21	11	5	12	12,301.2	396.8	16.5
February	36.94	17.2	26.5	27	11.5	2	88.9	7.9	4.6	11	7.2	5	8	72	27	4	20	22	3	7	9,706	346.6	14.4
March	36.89	17.6	26.6	2	13.4	14	86.2	129.5	20.1	13	7	6	5	64	32	4	34	30	2	9	9,904.9	319.5	13.3
April	36.59	18.4	26.2	20	14.4	1	85	173.6	29.7	28	7.1	2	12	63	29	1	24	38	3	8	9,884.3	329.5	13.7
May	35.59	18.1	25.4	19	15	29	90.2	542.8	110.2	25	8.5	13	4	28	22	13	22	51	18	15	--------	[a]319.8	[a]13.3
June	36.31	19	26.1	13	15.4	24	85.9	230.3	66	24	7.2	3	13	60	47	5	17	23	3	9	10,646.4	354.9	14.8
July	35.69	17.9	24.5	19, 21	14	16	90.8	405.2	72.4	16	8.3	[i]11	6	36	24	3	18	56	23	8	--------	[g]383.4	[g]16
August	35.18	17.9	24.6	5	14.6	28	93.9	556.7	53.3	31	9.3	1	9	26	18	4	26	83	13	6	--------	[a]386	[a]16.1
September	34.82	17.7	25.2	13	14.8	24	92.2	1,024.5	424.5	24	9.2	8	5	47	31	5	50	25	5	4	14,266.8	475.6	19.8
October	36.85	18.1	24.9	21	14.5	21	90.1	227.9	58.2	2	7.9	10	12	52	20	10	27	41	8	6	7,738.7	249.6	10.4
November	35.83	18.1	23.9	21	13.5	29	81.1	73	19.3	12	8.2	3	7	109	28	5	14	6	4	4	10,503.9	350.1	14.6
December	36.92	17.3	24.6	1	11.8	21	80.2	2.8	1.8	3	7.6	4	5	105	26	6	17	15	3	5	--------	[b]307.3	[b]12.8
Year	636.22	17.8	26.6	------	10.1	--------	87.1	3,420	424.5	-----	7.7	72	92	754	334	63	290	401	90	93	--------	351.6	14.6

APARRI.

January	762.25	23.2	31	13	17.6	18	79.6	109.8	29.7	22	5.8	6	80	45	24	13	14	3	1	0	8,104.2	261.4	10.9
February	61.56	23.7	33	25	18.6	27	80.4	19.8	5	4	[e]6.8	16	83	30	10	16	7	2	4	0	9,203	328.7	13.7
March	60.73	24.8	31.9	22	18.6	16	80	70.4	24	18	5.3	15	63	22	24	25	19	6	12	0	--------	[g]300.8	[g]12.5
April	59.35	26.6	33.1	10	20.6	8	79.1	59.3	35.3	13	3.3	21	59	15	27	34	16	2	6	0	8,419.6	280.7	11.7
May	57.44	26.7	33.7	19	21	26	82.3	193.3	42.9	25	[c]5.2	31	33	7	20	33	30	20	12	0	8,845.1	285.3	11.9
June	58.29	28.1	34.7	16	22	1	77.5	119.3	69	27	2.7	9	28	17	31	54	29	7	5	0	8,346.8	278.2	11.6
July	57.17	27.8	34	11, 22	22.6	21	77.5	22	5.1	7	4.6	19	26	12	15	70	30	7	7	0	--------	[a]285.4	[a]11.9
August	56.40	27.7	35.4	22	22.9	28, 29	80.5	127.3	39.1	27	5.8	21	20	8	16	72	25	13	11	0	8,457.2	272.8	11.4
September	56.51	27.1	33.6	3	22.5	9	81.6	229.8	52.4	30	6.2	14	19	15	18	58	26	20	10	0	7,703.6	256.8	10.7
October	60.22	26	32	23	21.6	14	80.6	285.8	99.6	3	6.7	12	94	23	8	10	16	13	10	0	--------	[a]294	[a]12.1
November	60.05	25	31.5	9	21.2	12, 28	87.3	607.4	287.7	17	6.8	7	87	39	17	19	8	0	3	0	--------	[b]330.9	[b]13.3
December	62.06	23.6	30.4	6	18.5	20	84.3	269	75.6	12	7.4	3	64	57	21	18	18	3	2	0	9,956.9	321.2	13.4
Year	759.34	25.9	35.4	------	17.6	-------	80.9	2,113.2	287.7	-----	5.6	174	656	290	231	422	238	96	83	0	--------	291.4	12.1

[a] 30 days of observation.
[b] 26 days of observation.
[c] 28 days of observation.
[d] 24 days of observation.
[e] 27 days of observation.
[f] 23 days of observation.
[g] 29 days of observation.
[h] The barometric readings of this station are not reduced to sea level.
[i] No observation was made of wind direction for July 30, 2 a. m.

TAGBILARAN.[h]

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.									
												Number of winds from six daily observations.									Velocity, monthly mean.
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	
	mm.	°*C.*	°*C.*		°*C.*		*P. ct.*	*mm.*	*mm.*		*0–10*										*0–12*
January	757.73	26.4	31.9	5, 9	21.5	5	79.9	163	49.3	19	8.5	105	19	3	15	1	0	13	30	0	1.5
February	57.90	26.2	31.9	9	20.1	24	82.1	160.8	34.2	2	8.5	74	23	2	32	2	1	10	24	0	1.4
March	58.11	26.8	33.8	24	20.5	5	78.1	94.6	27.1	9	8.4	76	11	19	13	2	9	3	22	0	1.7
April	57.32	27.2	34.2	27	20.7	22	79.4	172.1	72.6	21	8.1	56	2	0	49	6	3	7	27	0	1.7
May	57.26	28.1	35.4	27	22.7	31	78.6	98.5	71.1	20	8.3	33	4	17	70	11	4	12	4	0	1.7
June	57.44	27.3	34.8	1	22.4	21	80.1	204.7	77.2	17	8.5	43	17	1	62	9	8	7	3	0	1.5
July	57.47	27.9	35.2	21, 31	22.4	22	76.8	68.5	17.8	25	8	34	6	1	64	24	15	2	9	0	1.6
August	57.06	27.8	34.2	27	22.7	5	78.4	168.5	47.3	12	8.2	23	13	0	91	11	11	1	5	0	1.7
September	57.10	27.6	34	4	22	16	78.3	129.7	39.1	20	8.7	8	7	1	78	16	21	4	15	0	1.6
October	58.15	27.4	[d]33.8	1	22.8	22, 26	79.6	144.6	27.4	27	7.6	0	13	2	65	9	51	6	2	7	1.1
November	56.64	26.9	------	------	21.7	11	81.9	213.7	48	1	8.2	2	25	1	42	10	36	10	17	7	1.2
December	58.37	26.9	[c]34	24	22.3	28	80.5	208.1	54.6	2	8.2	7	34	3	40	17	27	3	19	5	1.2
Year	757.55	27.2	35.4	------	20.1	------	79.5	1,826.8	77.2	------	8.3	461	174	50	621	118	186	78	177	19	1.5

SURIGAO.

January	758.51	25.4	30.4	5	21.7	21	89.1	615.7	52.6	16	8	8	62	19	4	3	0	0	19	71	0.9
February	58.71	25.3	30.5	7, 19	21.2	24	89.3	592.6	78.6	13	8.1	6	41	30	2	3	0	0	4	82	.5
March	58.86	25.8	31.5	17	19.8	6	85.3	245.7	50.8	20	6.7	3	50	39	0	6	5	6	6	71	.8
April	58.24	26	31.5	23, 27	21.9	20	87.7	383	55.9	2	6.7	6	23	35	3	1	0	3	12	97	.5
May	[b]57.77	[f]27.2	[a]34.2	27	[a]22.1	16	[f]83.6	37.9	13.5	1	[f]5.2	[j]2	6	2	0	3	7	11	11	72	[f].4
June	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
July	57.91	[a]27	[a]32.9	11	22	24	[g]82.4	143.1	57.1	23	[g]5.5	[k]3	7	12	2	25	13	11	4	31	[g].9
August	57.59	27.3	34.5	31	22.6	23	81.8	59	34.2	19	5.6	0	13	6	2	36	13	29	2	85	.7
September	57.69	27	34.1	3	21.9	16	83.3	232.3	68.8	26	7	0	16	8	3	30	19	18	6	80	.7
October	58.48	26.5	33	17	22.4	12	86.1	216.7	113.6	31	6.7	3	24	7	10	19	18	9	17	79	.8
November	57.03	25.9	32	13	21.5	11	89.4	693.9	204.2	28	8.1	9	36	8	18	31	11	11	13	43	.9
December	58.08	25.7	30.9	25	22.3	11	89.4	652.4	195	17	7.8	14	61	25	24	10	6	3	16	27	1.6
Year	758.08	26.3	34.5	------	19.8	------	86.1	3,872.3	204.2	------	6.9	54	339	191	68	167	92	101	110	738	0.8

TACLOBAN.

January	759.21	------	31	14	22.1	22	------	339.6	61.9	19	7.4	35	32	22	5	2	3	13	50	24	0.8
February	59.28	25.7	31.5	17, 22	22.3	4, 28	85.2	254.8	52.3	1	7.7	27	29	14	15	4	0	16	35	28	.7
March	59.32	25.9	31.8	3, 27	21.9	5	83.7	218.6	39.6	12	6.8	19	18	34	19	6	5	22	27	36	.8
April	58.65	26.8	33.5	18	23	14, 17	83.1	261.4	56.1	21	6.2	13	24	26	24	6	2	16	49	20	.6
May	58.35	27.6	34.2	16	23.4	3, 11	82.3	155.1	46.2	10	6.4	11	13	17	39	6	4	35	24	37	.7
June	58.78	26.9	33	6	23	21	85.1	205.1	36.1	27	7.1	2	13	41	26	3	3	28	22	42	.7
July	58.43	27.2	34.4	23	22.3	9	83.6	164.3	24.4	5	6.5	10	13	22	30	8	4	33	21	45	.7
August	58	27.6	35.1	28	23.5	2, 4, 25	82	83.4	22.1	20	6.3	4	2	19	37	14	4	33	19	54	.6
September	58.08	27.2	35.2	3	22.2	11	83.2	170.5	40.1	20	7.8	2	3	23	27	22	7	27	14	55	.6
October	59.05	26.6	35	6	21.5	31	86.8	320.7	69.1	31	7.1	18	7	20	12	6	8	40	37	38	.8
November	57.96	26.1	33.4	18	22	1, 27	87.3	363.5	132.1	1	7.7	9	12	15	19	17	4	27	48	29	.9
December	59.34	25.8	32.5	5	22.4	8	88.2	415.7	69.4	2	7.4	23	11	20	13	9	1	24	57	28	.8
Year	758.70	26.7	35.2	------	21.5	------	84.6	2,952.7	132.1	------	7	173	177	273	266	103	45	314	403	436	0.7

CAPIZ.

January	------	25.8	------	------	------	------	89.2	79.2	16	19	7.2	41	113	2	2	0	0	0	3	25	1.2
February	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
March	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
April	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
May	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
June	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
July[e]	757.66	27.8	32.9	16	23.7	31	79.9	------	------	------	7.5	1	33	4	24	2	12	1	18	31	.9
August	57.66	27.2	32.9	30	21.9	13, 16	83.7	131.3	46.8	9	6.5	2	25	3	53	22	24	3	33	21	1.2
September	57.52	26.9	33.5	2	22.9	22	83.8	390.8	126.5	11	7.8	11	22	4	11	41	54	6	6	25	1.3
October	58.95	26.5	33.2	8	21.6	18	86	391.7	45	29	7	36	36	6	9	15	16	0	25	43	1.2
November	57.27	26.6	32.7	14	22	1	85.6	[i]263.2?	------	------	7.7	55	43	12	22	12	4	3	13	16	1.6
December	58.96	26.3	[f]31.2	26	22.4	8	85.9	147	35.2	2	7.9	71	74	14	6	7	1	0	13	0	2
Year	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

[a] 30 days of observation.
[b] 28 days of observation.
[c] 25 days of observation.
[d] 23 days of observation.
[e] 21 days of observation.
[f] 19 days of observation.
[g] 18 days of observation.
[h] From March 1 to 31, these mean values are deduced from five daily observations.
[i] The rain-gauge of this station was blown down by hurricane winds on November 1.
[j] No observation was made of wind direction from 20 to 31.
[k] No observation was made of wind direction from 1 to 13.

CALBAYOG.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Wind.										
											Cloudiness (mean).	Number of winds from six daily observations.									Velocity, monthly mean.
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	
	mm.	*°C.*	*°C.*		*°C.*		*P. ct.*	*mm.*	*mm.*		*0–10*										*0–12*
January	759.52	24.9	32.2	13	19.5	22, 23	88.3	157.8	36.1	19	5.9	84	64	10	1	3	2	1	3	18	1.2
February	59.57	25.1	32.9	26	18.8	22	87.6	340.1	71	1	6.9	64	60	11	5	9	2	2	1	14	1.2
March	59.50	25.2	33.6	29	20.3	1	87.3	345.2	89.9	17	6.1	83	37	9	9	11	12	3	6	16	1.4
April	58.84	26.1	34.2	15	20.5	17	85.6	106.4	22.9	22	5.5	73	40	5	7	16	11	3	9	16	1.1
May	58.18	26.9	34.2	27	21.9	15	84.6	173.6	38.1	24	5.4	67	11	1	8	18	29	11	14	27	1.1
June	58.59	26.4	33.6	6	21.8	10	87.3	172.2	28.7	7	5.9	77	12	11	12	10	13	4	5	36	.9
July	58.25	26.7	34	9	21.5	27	84.8	217.4	48	1	5.7	47	7	1	5	12	55	13	21	25	1.2
August	57.85	27.2	34.4	19	21.7	19	82.9	227.7	69.8	20	5.8	39	0	0	4	13	61	19	28	22	1.4
September	57.84	26.9	33.1	25	22.1	16	83.5	398.3	143.7	20	7.3	39	8	0	11	27	52	7	9	27	1.5
October	59	26	33.4	5	21.1	19	87.6	342.5	49.6	31	6.3	86	20	2	2	8	25	11	22	10	1.2
November	57.66	25.5	33.3	7	21.2	29	89.6	383.2	122.2	1	7.3	73	40	3	9	6	8	8	9	24	1.1
December	59	25.4	32.8	5	20.1	20	88.9	287.7	49.9	2	6.8	53	93	12	5	6	1	4	8	4	1.2
Year	758.65	26	34.4	------	18.8	------	86.5	3,152.1	143.7	------	6.2	785	392	65	78	139	271	86	135	239	1.2

SAN ISIDRO.

January	760.27	[c]24.1	[c]30.3	24	[c]17	28	[c]71.6	10.8	4.1	4	4.9	16	36	51	1	0	1	4	73	4	1.4
February	59.75	25.7	34	17	17.8	26	69.5	.8	.5	19	5.7	9	44	47	3	0	0	1	62	2	1.2
March	59.48	26.4	35	23	18.4	2	[b]70.1	38.6	24.4	23	6.1	6	29	68	2	6	4	6	60	5	1.5
April	58.54	27.5	36.4	18	------	------	------	114.9	47.2	24	5.6	9	33	62	10	5	5	4	48	4	1.3
May	57.43	27.7	35.9	22	22	1	79.2	213.6	46.5	13	7.2	1	24	25	15	39	24	11	41	6	1.2
June	58.01	27.7	35.3	7	22	18	[a]77.5	71.6	23.9	29	[a]6.5	7	21	59	34	7	2	1	34	9	[a]1.5
July	57.62	26.6	34.8	7	21.5	8, 21	83.9	178.3	29.8	12	7	2	27	26	45	19	25	12	19	11	1.2
August	57	26.8	34.7	19	22	3, 25	85	141.9	33.7	23	7	9	15	2	52	48	28	5	23	4	1.4
September	56.92	25.8	32.7	8	22.5	17, 23	88.3	235.6	29.9	27	8.4	3	17	19	41	51	24	2	18	5	1.8
October	59.04	26.4	33.5	30	21.3	23	81.5	54.9	13.4	9	6.5	14	32	49	42	15	7	0	26	1	1.5
November	57.95	25.4	32.4	1	21	5, 6 26, 27	82.5	120	35.8	14	7.3	11	38	43	13	6	2	3	61	3	1.7
December	59.78	24.6	31.4	14	18.2	20	78.4	22.7	10.4	3	6	14	41	51	1	1	0	5	73	0	1.7
Year	758.48	26.2	36.4	------	17	------	78.9	1,203.7	47.2	------	6.5	101	357	502	259	197	122	54	538	54	1.4

BOLINAO.

January	759.92	25.2	32.2	10	18.8	18	78.6	0.5	0.5	22	6.1	64	11	19	71	9	0	1	2	9	2.8
February	59.44	26.2	32.7	25	18.5	2	79.7	9.2	9.2	11	8	59	6	20	48	9	0	9	5	12	2.6
March[a]	59.25	26.7	33.9	27	20.4	8	78.8	42	23.6	21	7.4	63	5	19	41	12	2	12	8	12	2.7
April	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
May	57.03	27.7	34.5	21	22.5	25	85.5	872.2	380	24	8.6	26	2	10	52	27	5	16	27	21	2.4
June	57.56	28.2	36.1	12	23	23	81.9	266.8	72.6	24	8.1	16	2	14	64	29	4	17	9	25	2.2
July	57.19	27.1	33.9	19	22.1	15	86.1	254.2	79.1	15	8.9	8	1	9	49	60	6	25	7	21	2.2
August	56.60	26.6	33.9	25	22.6	28	89.4	528.4	88.6	28	9.7	10	2	2	40	78	13	8	3	30	2
September	56.31	26.3	33.6	16	22.5	21, 25	89.3	795.8	180.6	24	9.6	10	1	9	52	55	4	13	6	30	2.4
October	58.68	27	33.8	25, 26	21.6	23	84.4	116	41.4	10	7	33	1	11	48	41	2	11	15	24	2
November	57.56	26.8	34	8, 15	20	30	82.2	217	6.4	2	9.3	53	5	18	52	16	1	2	5	28	2.5
December	59.31	26.2	33.9	6	19.3	21	79.2	.9	.8	3	8.8	57	3	22	70	12	0	0	7	15	2.8
Year	758.08	26.7	36.1	------	18.5	------	83.2	2,907.7	380	------	8.3	399	39	153	587	348	37	114	94	227	2.4

VIGAN.

January	760.17	25.5	34.6	3	17.7	26	70.6	0	0	0	1.4	54	40	29	9	5	3	4	29	13	1.2
February	59.71	26.3	33	20	20.7	9	70.9	.3	.3	12	2.1	53	37	17	6	8	7	8	18	14	1.2
March	59.44	26.8	34.5	17	19.3	4	74.1	10.9	6.3	19	2.5	47	22	31	8	9	8	6	35	20	1.2
April	58.50	28.2	34.7	23	22.4	11	72.2	79.7	78.7	25	1.9	24	19	41	19	12	9	21	22	13	1.1
May	57.20	27.5	34.9	6	22.4	25	78.6	436.8	193.7	25	4.8	33	13	28	28	39	6	16	9	14	1.1
June	57.85	27.9	33.8	6, 20	21.4	17	80.9	237.9	55.4	29	4.1	14	15	67	22	24	6	17	12	3	1.1
July	57.41	27.1	33.1	25	21.9	16	83	305.5	71.5	16	5.3	12	5	43	43	56	15	10	2	0	1.1
August	56.76	26.8	33.4	20	22.6	29	84.4	637.7	136.6	28	6.2	9	5	32	47	57	13	7	6	10	1.1
September	56.44	26.6	33.5	25	22.3	6	85.3	672.1	234.3	6	6.6	14	4	36	32	53	13	6	11	11	1.3
October	58.98	27	33.3	30	21.9	9	78	82.4	62	8	3.3	24	21	40	20	15	5	9	30	22	1
November	57.99	26.7	36.5	2	20.8	30	75.6	41.1	37.5	17	3.8	70	18	23	5	7	4	9	27	17	1.4
December	59.70	26.2	34.3	2	19.5	26	69.8	.8	.8	31	3.1	65	35	22	10	7	3	10	20	14	1.3
Year	758.35	26.9	36.5	------	17.7	------	77	2,505.2	234.3	------	3.8	419	234	409	249	292	92	123	221	151	1.2

[a] 29 days of observation.

[b] 22 days of observation.

[c] 15 days of observation.

TUGUEGARAO.

Month.	Pressure (mean).	Temperature.						Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.									
													Number of winds from six daily observations.									Velocity, monthly mean.
		Mean.	Maximum.	Date.	Minimum	Date.			Total.	Maximum in 24 hours.	Date.		N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	
	mm.	°*C.*	°*C.*		°*C.*		*P. ct.*	*mm.*	*mm.*		*0–10*										*0–12*
January	761.74	23.5	32.4	13	16	8	81.3	31.5	17.8	5	6	22	25	0	12	2	5	0	19	101	[a]0.7
February	60.98	24.5	34.6	28	16.6	26	79.8	36.5	14.7	13	6.7	7	29	3	10	1	4	0	31	83	[a].7
March	60.27	26	36	21	18.6	7	75	70.2	27	23	5.8	12	17	2	26	1	6	0	39	83	[c].7
April	59.02	27.6	37.4	10, 18	20.1	1	75.8	217.2	77.7	20	5.2	0	17	1	32	8	6	0	14	102	.5
May	57.17	27.4	36.5	14, 19	20	16	80.6	377	111.2	6	6.3	6	16	2	35	3	8	0	22	94	.6
June	58.12	28.7	37.9	16	22.2	18	76.5	38.9	21.6	27	5.1	4	12	1	49	14	14	0	5	81	.7
July	57.04	28	37.6	29	21.6	18, 21	78.7	88.7	21.8	15	6.2	6	11	1	47	13	8	2	24	74	.7
August	56.32	28.1	37.4	7	22.6	1	80.7	166.9	28.7	10	7	5	16	1	51	6	9	0	17	81	.7
September	56.35	[b]27.5	[b]37.5	1	[b]22	21	[b]83.1	179.7	95.6	24	7.1	1	24	0	43	2	13	0	15	82	.8
October	59.78	25.9	35.5	1	20	21, 29	84.9	94.8	27.2	8	6.9	7	32	0	13	3	2	1	52	76	.8
November	59.40	25	33.7	8	19.5	29	88.8	441.5	170.2	17	7.6	1	13	1	7	2	2	0	57	97	.9
December	61.53	23.6	32.6	6	17.7	20	87.8	263.1	129.8	13	7.7	8	21	0	1	1	1	0	52	102	.7
Year	758.98	26.3	37.9	------	16	------	81.1	2,006	170.2	------	6.5	79	233	12	326	56	78	3	347	1,056	0.7

[a] 26 days of observation.

[b] 29 days of observation.

[c] 30 days of observation.

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